



Interaction Concentrator 7.6

# Physical Data Model for a Microsoft SQL Database



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## Chapter 1: Introduction

Interaction Database (IDB) structure can be divided into six schemas:

- Core Schema, consisting of 76 tables
- Outbound Contact Schema, consisting of 12 tables
- Multimedia Attached Data Schema, consisting of 2 tables
- Virtual Queue Schema, consisting of 1 table
- Custom States Schema, consisting of 3 tables
- Custom Dispatcher Attached Data, consisting of 1 table

This document presents these schemas in separate chapters each containing one or more detailed diagrams of the schema and an examination of its tables presented in alphabetical order. Included in this examination are descriptions of each table and each of the table's fields. Field descriptions include a summarization of the most common database properties, such as code name, data type, and key information. Some of the abbreviations used to characterize fields throughout this document are:

- P, for primary key
- M, for mandatory field
- F, for foreign key
- AN, for autonumbered

Abbreviations for index characterizations include:

- U, for unique
- C, for cluster

The field names in this document are provided in a free-style format with regard to letter case (for example, TenantID instead of TENANTID), whereas the actual field names are in uppercase in the SQL scripts used to initialize IDB. The Code column in the Column Lists for the tables shows the proper capitalization of each field.

## System Fields

Certain fields appear in multiple tables. These fields, whose field names all begin with GSYS\_, are reserved for use by internal Genesys system functions. Because these fields appear globally and have identical meanings regardless of where they appear, this document does not repeat the description of each field under each table where it appears. Instead, the fields are described below:

GSYS_DOMAIN	Reserved for internal use
GSYS_PARTITION	A key that is used for partitioning
GSYS_DOMAIN	Reserved for internal use
GSYS_SYS_ID	Reserved for internal use
GSYS_SEQ	The non-unique sequence number of the statements to be inserted into the database.
GSYS_USEQ	The non-unique sequence number of the statements to be updated in the database.
GSYS_TS	Reserved for internal use
GSYS_TC	Reserved for internal use
GSYS_EXT_VCH1	Reserved for internal use
GSYS_EXT_VCH2	Reserved for internal use



GSYS\_EXT\_INT1      Reserved for internal use  
 GSYS\_EXT\_INT2      Reserved for internal use

For certain tables, the following exceptions apply to these field descriptions (listed by table).

#### GC\_\* and GCX\_\* Tables

GSYS\_EXT\_INT1      A flag indicating the reliability of timestamp information stored in the CREATED and DELETED fields. One of the following values:

- 0 – highly reliable; timestamps for both fields are taken from Configuration Server runtime notifications.
- 1 – CREATED timestamp is that of the time when configuration data was requested from Configuration Server; either during the initial ICON startup or during synchronization.
- 2 – DELETED timestamp is that of the time when configuration data was requested from Configuration Server; either during the initial ICON startup or during synchronization.
- 3 – both CREATED and DELETED timestamps are taken from the time when configuration data was requested from Configuration Server; either during the initial ICON startup or during synchronization.

#### G\_AGENT\_STATE\_HISTORY Table

GSYS\_EXT\_INT1      Media type. See possible values in the G\_DICTIONARY table for DTYPE=6.

GSYS\_EXT\_INT2      Agent's 'busy level'. Number of the calls with the agent connected with on the time of the history record added. Counted separately for each agent's login session (if more than one exists on the same time on the different switches.).

GSYS\_EXT\_VCH1      The name of the media type, as reported by Interaction Server for open media interactions. For example, "fax".

GSYS\_EXT\_VCH2      If the gls-store-event-seq configuration option is set to 1, then this field stores the event sequence number, as a string, from the triggering event for this record. Otherwise, this field is either 0, when events come from Interaction Server 7.5, or null, in case of Interaction Server 7.6 or T-Server 7.5<sup>+</sup>.

#### G\_AGENT\_STATE\_RC Table

GSYS\_EXT\_INT1      Media type. See possible values in the G\_DICTIONARY table for DTYPE=6.

GSYS\_EXT\_VCH1      The name of the media type, as reported by Interaction Server for open media interactions. For example, "fax".



GSYS_EXT_VCH2	If the gls-store-event-seq configuration option is set to 1, then this field stores the event sequence number, as a string, from the triggering event for this record. Otherwise, this field is null.
GS_AGENT_STAT and GS_AGENT_STAT_WM Tables	
GSYS_EXT_INT1	Media type. See possible values in the G_DICTIONARY table for DTYPE=6.
GSYS_EXT_VCH1	The name of the media type, as reported by Interaction Server for open media interactions. For example, "fax".
G_CALL Table	
GSYS_EXT_INT2	<p>A flag indicating stuck calls:</p> <p>0 – indicates that the interaction should not be marked as stuck. ICON records this value upon start of call termination to prevent to marking calls as stuck and to complete the processing of call/ interaction following the recording of related userdata in IDB.</p> <p>1 – indicates an interaction that has been determined to be stuck.</p> <p>NULL – the value of records before the processing of call termination begins.</p>
GSYS_EXT_VCH1	The name of the media type, as reported by Interaction Server for open media interactions. For example, "fax".
G_DND_HISTORY	
GSYS_EXT_VCH2	If the gls-store-event-seq configuration option is set to 1, then this field stores the event sequence number, as a string, from the triggering event for this record. Otherwise, this field is null.
G_IR Table	
GSYS_EXT_INT1	<p>A flag indicating the source of the interaction:</p> <p>1 – indicates a multimedia interaction originating from a Genesys Interaction Server.</p> <p>null – indicates a voice interaction originating from a Genesys T-Server TEvent processing</p>
GSYS_EXT_INT2	<p>Can be set by the GSYSIRMerge procedure during interaction merge execution.</p> <p>Set to one of the following values:</p> <p>null – interaction has not yet been merged</p> <p>0 – single-site interaction</p>



1 – inter-site interaction, whose parts reside in several IDBs. ICON also places a corresponding record in the SYS\_DNPREMOTE LOCATION table.

#### GSYS\_EXT\_VCH1

If the record was created as a result of Multimedia event processing and the information about parent interaction ID was provided by a Multimedia Interaction Server, but no related record in IDB was detected (due to the purge of the old records, for example), this field will contain this ID.

#### GSYS\_EXT\_VCH2

A flag indicating stuck interactions:

“0” – indicates that the interaction should not be marked as stuck. ICON records this value upon start of call termination to prevent marking calls as stuck and to complete the processing of interactions following the recording of related userdata in IDB.

“1” – indicates an interaction that has been determined to be stuck.

#### G\_IS\_LINK Table

#### GSYS\_EXT\_INT2

Can be set by GSYSIRMerge procedure during interaction merge execution.

Set to one of the following values:

- -3 - partially merged (reattached nodes)
- -2 - neither interaction record (IR) has terminated
- -1 only one IR has not terminated
- 0 - all IRs have been terminated (ready for merge)
- 1 - partially merged (not reattached)

#### G\_PARTY Table

#### GSYS\_EXT\_INT1

The sequence number of the call (CSEQ) in party creation.

#### G\_ROUTE\_RESULT Table

#### GSYS\_EXT\_INT1

A flag indicating the reliability of the virtual queue's ID stored in the GSYS\_EXT\_VCH1 field. One of the following values:

- 0 – unknown – no information about a virtual queue is reported in the corresponding EventRouteUsed.
- 1 – reliable – the virtual queue's ID that is stored in the field GSYS\_EXT\_VCH1 is taken from the corresponding EventRouteUsed.
- 2 – Valid in the past – the value of the virtual queue's ID



stored in the field GSYS\_EXT\_VCH1 was valid in the past, before a call has been transferred to another Routing Point in a multi-site routing scenario.

#### GSYS\_EXT\_VCH1

The virtual queue's ID, if a virtual queue is configured and reported to ICON by URS. If reported, the value is the same as G\_VIRTUAL\_QUEUE.VQID.

#### G\_USERDATA\_HISTORY and G\_SECURE\_USERDATA\_HISTORY Tables

#### GSYS\_EXT\_INT1

A flag indicating the reliability of classification of userdata added to this table. When an interaction is no longer in memory, such when memory optimization is turned on (om-memory-optimization=true), and Interaction Server sends events regarding new or changed userdata, ICON records the userdata as changed (ChangeType=3) and notes the reliability of this classification in this field:

- 0 - ChangeType classification is reliable
- 1 - ChangeType classification is unreliable.

In the event ICON records the ChangeType as unreliable, the true ChangeType may be 2 for added.

#### GM\_L\_USERDATA Table

#### GSYS\_EXT\_INT1

A type of the party that issued a request to stop an interaction processing and that is named in the GSYS\_EXT\_VCH1 field. One of the following values:

- 0 – unknown – no information is available about the party that requested to stop an interaction processing.
- 1 – strategy – the interaction processing has stopped because of a routing strategy.
- 2 – agent – the interaction processing has stopped at an agent request, and the agent's Employee ID was provided with login.
- 3 – place – the interaction processing has stopped at an agent request, and the agent is identified by the place of login.
- 4 – media server – an application that handles open media interactions issued a request to stop an interaction processing.

#### GSYS\_EXT\_VCH1

The party that issued a request to stop an interaction processing. One of the following values:

- Empty string – an empty string is reported instead of the name when no information is available about the party that requested to stop interaction processing. (GYS\_EXT\_INT1 field is set to 0.)
- Strategy name – the name of the routing strategy that issued a request to stop an interaction processing. (GYS\_EXT\_INT1 field is set to 1.)



- Agent’s ID – the employee ID of the agent who issued a request to stop an interaction processing. This value is reported for agents who provide the employee ID at login. (GYS\_EXT\_INT1 field is set to 2.)
- Place name – the name of the place where an agent is logged in, when an agent who issued a request to stop an interaction processing has not provided the employee ID at login. (GYS\_EXT\_INT1 field is set to 3.)
- Media server name – the name of the application that has stopped an interaction processing. (GYS\_EXT\_INT1 field is set to 4.)

**GSYS\_EXT\_VCH2**

The ID of the party that issued a request to stop an interaction processing and that is named in the GSYS\_EXT\_VCH1 field. One of the following values:

- The same as GM\_L\_USERDATA.PartyID for a strategy, an agent, or a place.
- An empty string, if the request originator is either a media server or unknown.

**GX\_SESSION\_ENDPOINT Table****GSYS\_EXT\_INT1**

Media type. See possible values in the G\_DICTIONARY table for DTYPE=6.

**GSYS\_EXT\_VCH1**

The name of the media type, as reported by Interaction Server for open media interactions. For example, “fax”.

**Document References**

Finally, because much of information that IDB stores originates from T-Server and Configuration Server, you might find the following references useful for better understanding the values and makeup of IDB fields:

- *Reporting Technical Reference Guide for the Genesys 7.2 Release*, contains a detailed description of the Genesys T-Server, Multimedia Interaction, call, and statistical models.
- *Configuration Platform SDK 7.6 .NET or Java API Reference*, describes the schema of the Configuration Database.
- *Genesys 7 Events and Models Reference Manual*, contains a description of T-Events.
- *Interaction Concentrator 7.6 Deployment Guide*, contains a description of the configuration options that affect whether ICON writes data to some tables.
- *Interaction Concentrator 7.6 User’s Guide*, contains a high-level description of IDB and a description of ICON stored procedures.



## Chapter 2: Core Schema

Because of the enormity and complexity of the Core schema, the chapter describing it further subdivides its schema into six groupings:

- Configuration-related tables
- Call- and party-related tables
- Attached data-related tables
- Login- and session-related tables
- Service and dictionary-related tables
- Log tables

The schemas in each subdivision show the tables that comprise them with a clear background and the tables to which they join in other subdivisions with shaded backgrounds. The following descriptions of each subdivision may help you better understand IDB structure.

### Configuration-Related Tables

Configuration-related tables comprise the largest grouping of Core Schema tables. These tables store information, mostly derived from the Configuration Server database, that fall into two groups:

- Object tables, whose names are all prefixed by GC\_ and
- Object link tables, with table names beginning with GCX\_.

GCX\_ tables store information about the associations between configuration objects, such as the assignments of skills to agents (GCX\_SKILL\_LEVEL).

### Call- and Party-Related Tables

The group of call- and party-related tables provide detailed information about voice interactions that are registered by T-Server and the participants involved in those interactions. The principle tables in this group include:

- G\_CALL, containing information about completed and active call interactions.
- G\_PARTY, containing information about the parties involved in call interactions.
- G\_IR, containing information about data that is common to all calls in a scenario.
- G\_IS\_LINK, containing information about the various links in a multi-site configuration.
- G\_ROUTE\_RESULT, containing information about call routing results.

In addition, each of these tables has an historical counterpart that affixes \_HISTORY to the table name (for example, G\_CALL\_HISTORY, G\_PARTY\_HISTORY). Statistical tables for this group are stored in the G\_CALL\_STAT and G\_PARTY\_STAT tables.

### Attached Data-Related Tables

Six tables comprise the Attached Data grouping of the Core Schema. G\_SECURE\_USERDATA\_HISTORY stores information about attached data records that must be protected from unauthorized users whereas the records in G\_USERDATA\_HISTORY are open. In addition are the following four tables that store user data:

- G\_CALL\_USERDATA



- G\_CALL\_USERDATA\_CUST
- G\_CALL\_USERDATA\_CUST1
- G\_CALL\_USERDATA\_CUST2

## Login- and Session-Related Tables

The group of Login- and Session-related tables of the Core Schema provides detailed information about agent states, login sessions, associations between sessions and endpoints (DNs), reasons, and extensions. The principle tables in this group include:

- G\_LOGIN\_SESSION, containing information about agents' login sessions.
- GX\_SESSION\_ENDPOINT, containing information about the association between agent login sessions and endpoints.
- G\_AGENT\_STATE\_RC, containing information about reason codes for agent states.

In addition are two historical tables: G\_AGENT\_STATE\_HISTORY providing an audit trail of agent states within each session and G\_DND\_HISTORY providing this trail for do not disturb (DND) features occurring at a device.

## Service- and Dictionary-Related Tables

The group of Service- and Dictionary-related tables of the Core Schema are predominantly used to describe field values in other tables:

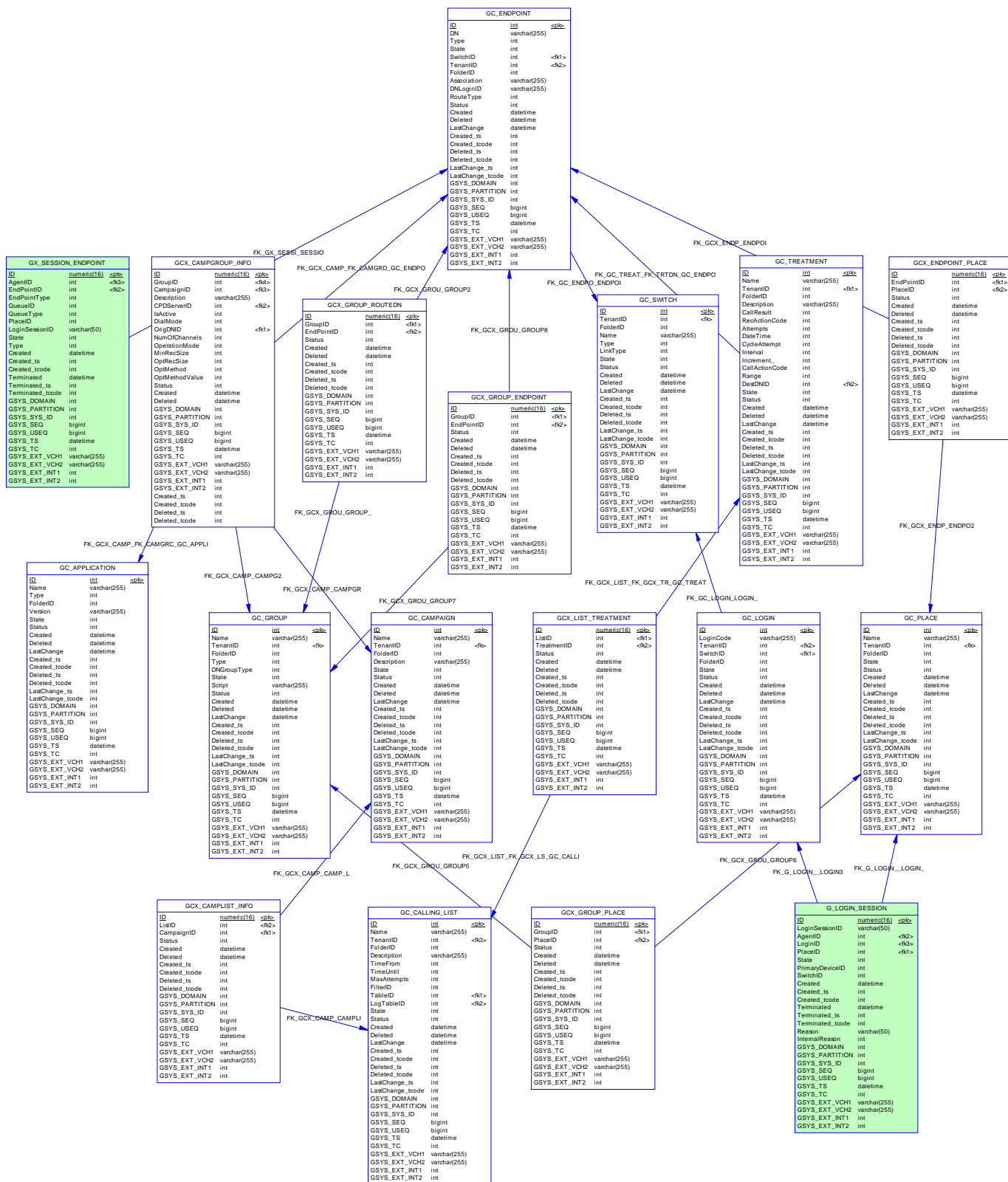
- G\_DICTIONARY and G\_DICT\_TYPE contain information for enumerator fields, such as the STATE, STATUS, and CAUSE fields found in several tables.
- G\_DB\_PARAMETERS contains general information about database schema, such as its version. IDB version is important to have when you are upgrading IDB.
- G\_HA\_CONTROL and G\_SYNC\_CONTROL are used by the ICON application to maintain synchronization.

## Log-Related Tables

This grouping of tables of the Core Schema stores information about the success or failure of ICON functions and stored procedures.



## Configuration Tables (1 of 3)

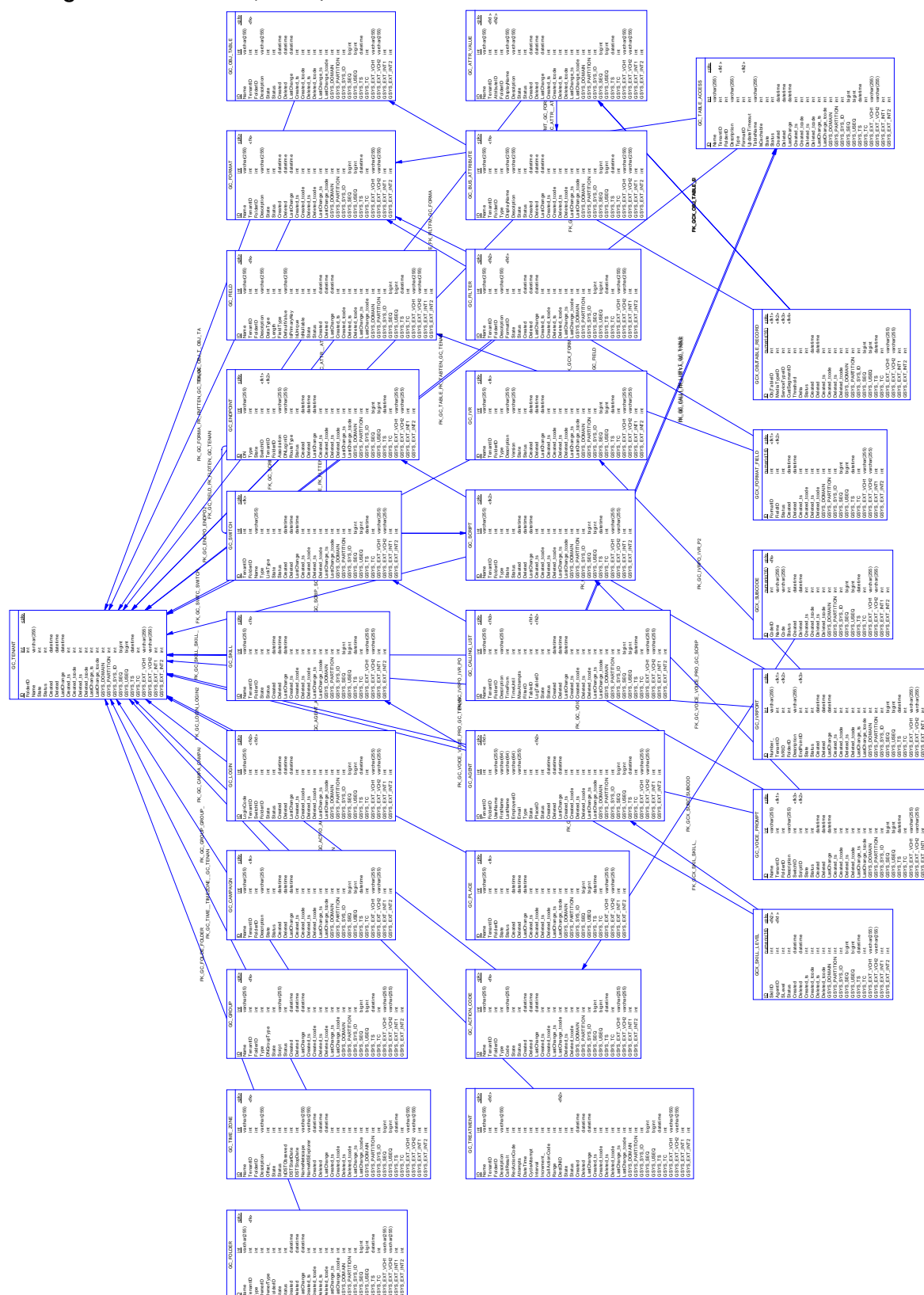






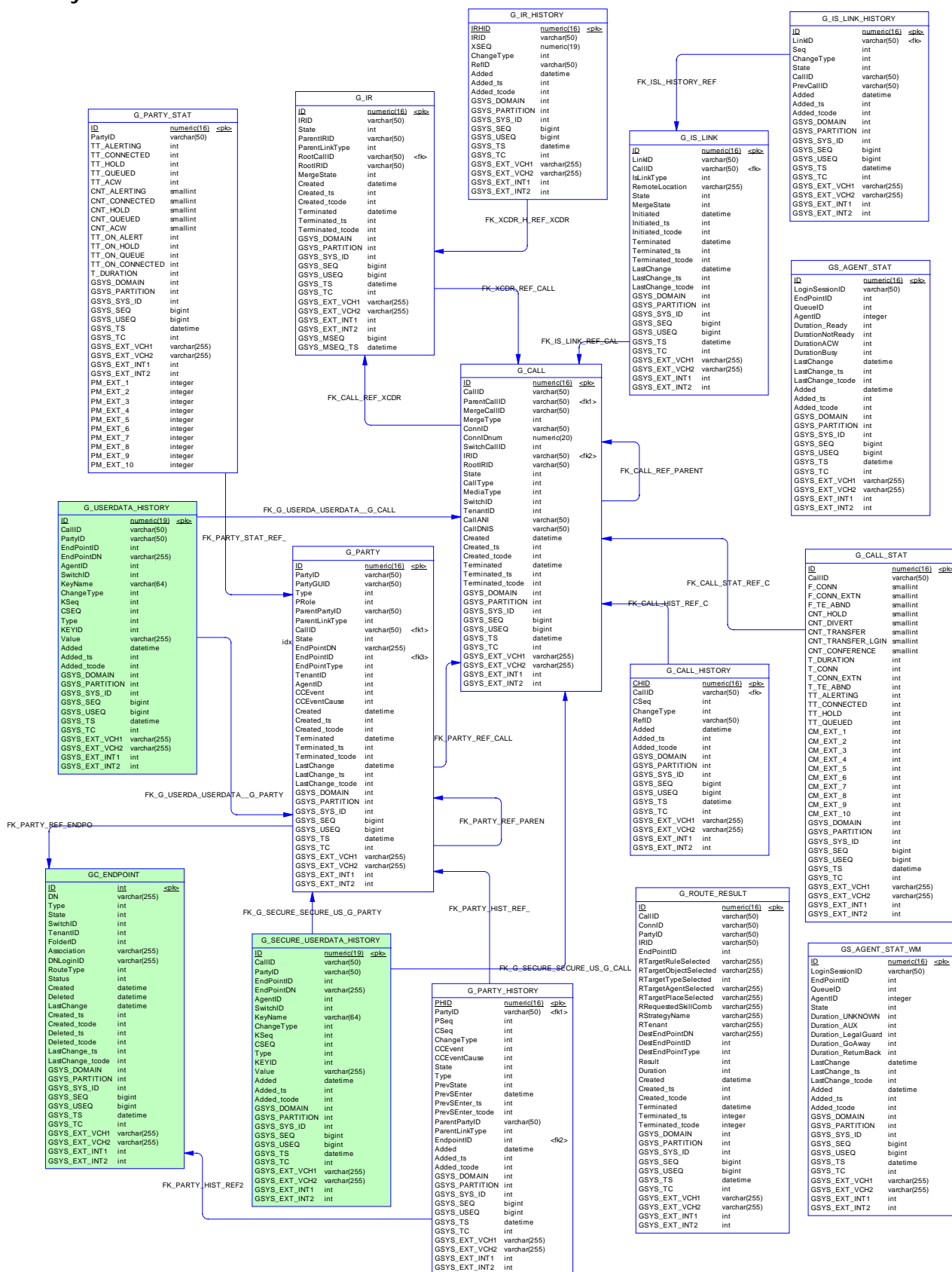


### Configuration Tables (3 of 3)



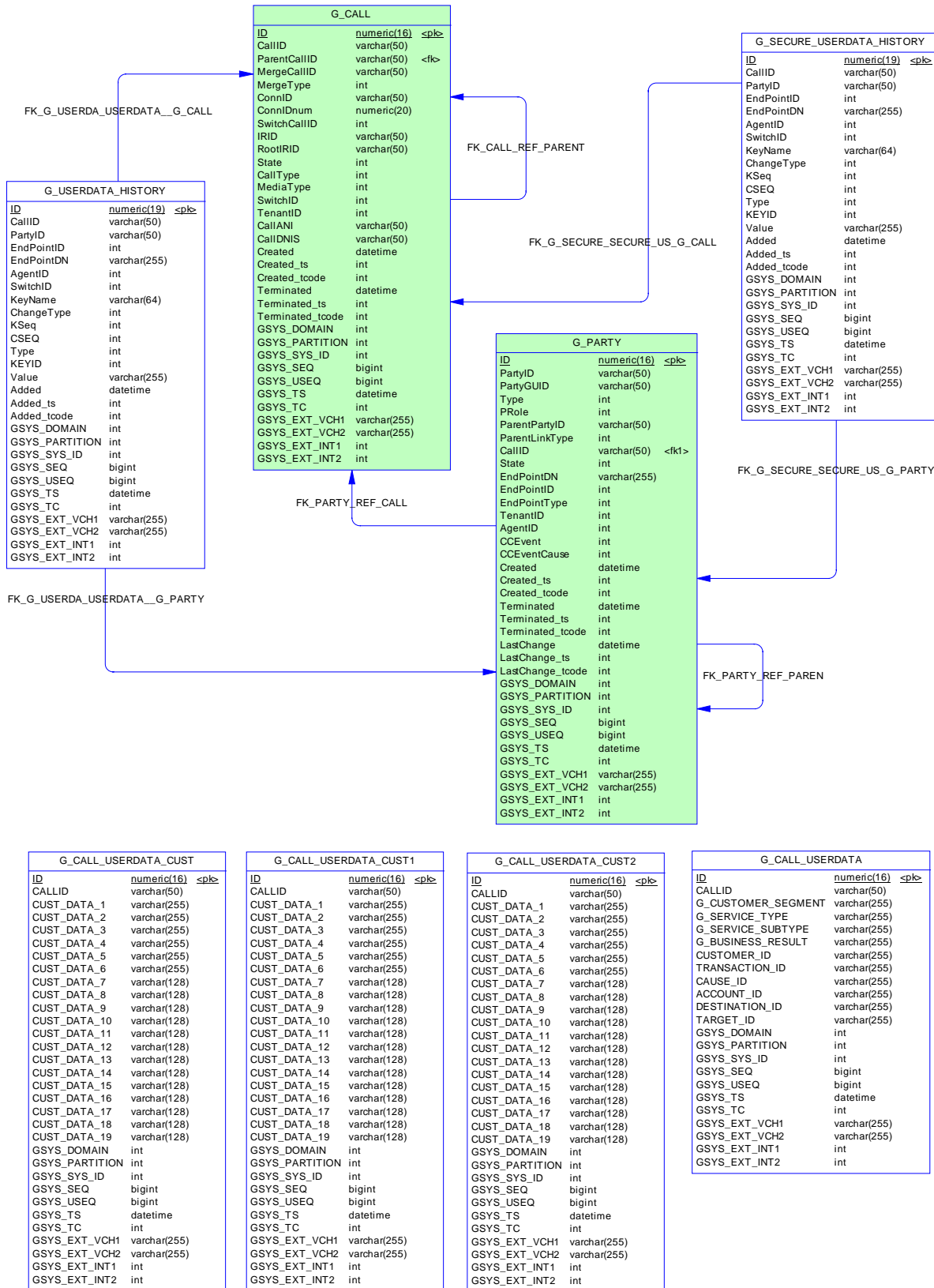


## Call- and Party-Related Tables



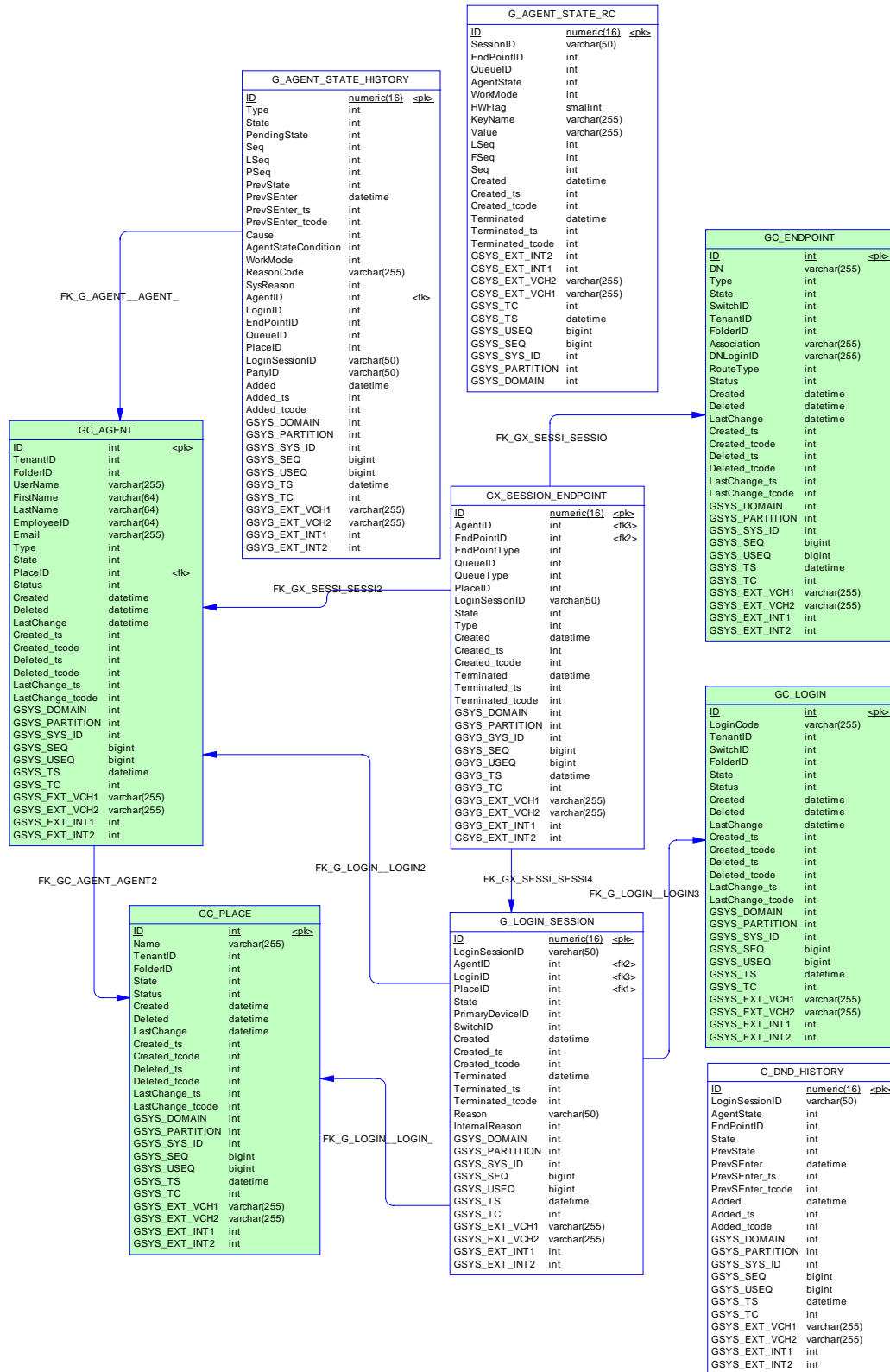


## Attached Data-Related Tables



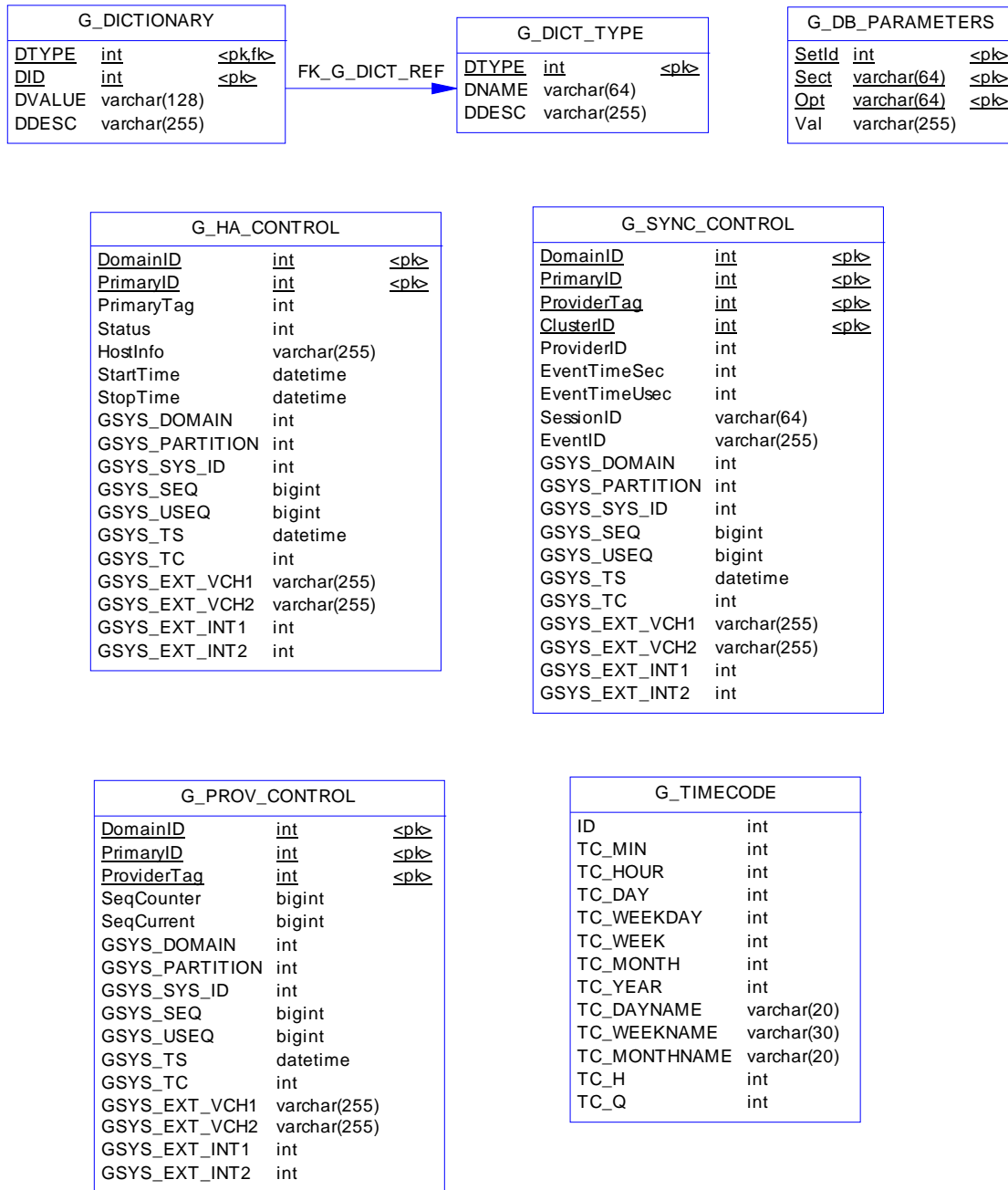


## Login- and Session-Related Tables





## Service and Dictionary-Related Tables





## Log Tables

G_LOG_MESSAGES		
<u>ID</u>	numeric(16)	<pk>
MESSAGE_ID	int	
TIMEGENERATED	datetime	
TIMEWRITTEN	datetime	
PRIORITY	int	
ORIGIN	int	
CATEGORY	int	
DATALEN	int	
APPDBID	int	
APPTYPE	int	
APPNAME	varchar(255)	
HOSTNAME	varchar(128)	
MESSAGETEXT	varchar(255)	

G_LOG_ATTRS		
<u>ID</u>	numeric(16)	<pk>
LRID	numeric(16)	
MESSAGE_ID	int	
ATTR_NAME	varchar(255)	
ATTR_VALUE	varchar(255)	

GSYS_DNPRemoteLocation		
ID	numeric(6)	
RemoteLocation	varchar(255)	

G_LOG_GETIDRANGEREQ		
REQUESTID	varchar(50)	
<u>RECORD_SEQ</u>	int	<pk>
RECORD_ID	numeric(16)	

GSYS_SYSPROCINFO		
<u>DOMAINID</u>	int	<pk>
<u>PRIMARYID</u>	int	<pk>
<u>PROVIDERTAG</u>	int	<pk>
TRANSACTION_ID	bigint	
TRANSACTION_TS	datetime	
SEQPROCESSED	bigint	
<u>PROCNAME</u>	varchar(40)	<pk>



## List of Objects

### Index List

Table	Code	U
GCX_AGENT_PLACE	IDX_AGENT_PLACE	
GCX_CAMPGROUP_INFO	IDX_CAMPGROUP_INFO	
GCX_CAMPLIST_INFO	IDX_CAMPLIST_INFO	
GCX_ENDPOINT_PLACE	IDX_ENDPOINT_PLACE	
GCX_FORMAT_FIELD	IDX_FORMAT_FIELD	
GCX_GROUP_AGENT	IDX_GROUP_AGENT	
GCX_GROUP_ENDPOINT	IDX_GROUP_ENDPOINT	
GCX_GROUP_PLACE	IDX_GROUP_PLACE	
GCX_GROUP_ROUTEDN	IDX_GROUP_ROUTEDN	
GCX_LIST_TREATMENT	IDX_LIST_TREATMENT	
GCX_LOGIN_INFO	IDX_LOGIN_INFO	
GCX_OBJTABLE_RECORD	IDX_OBJTABLE_RECORD	
GCX_SKILL_LEVEL	IDX_SKILL_LEVEL	
GCX_SUBCODE	IDX_SUBCODE	
GS_AGENT_STAT	IDX_GS_AGENT_STAT_SID	X
GS_AGENT_STAT_WM	IDX_AGENT_STAT_WM_SID	X
GX_SESSION_ENDPOINT	IDX_SN_ENDP_AGID	
	IDX_SN_ENDP_LSEP	
G_CALL	IDX_G_CALL_CID	X
	IDX_G_CALL_MRGCID	
	IDX_G_CALL_PCID	
	IDX_G_CALL_ROOTIRID_	
	IDX_G_CALL_SEQ	
	IDX_G_CALL_USEQ	
G_CALL_HISTORY	IDX_G_CALL_H_CID	
G_CALL_STAT	IDX_G_CALL_STAT_CID	X
G_CALL_USERDATA	IDX_CUSERDATA_CID	X
G_CALL_USERDATA_CUST	IDX_CUDATA_CUST_CID	X
G_CALL_USERDATA_CUST1	IDX_CUDATA_CUST1_CID	X
G_CALL_USERDATA_CUST2	IDX_CUDATA_CUST2_CID	X
G_IR	IDX_G_IR_IRID	X
	IDX_G_IR_PXID	
	IDX_G_IR_RCID	
	IDX_G_IR_ROOTIRID_	
	IDX_G_IR_SEQ	
	IDX_G_IR_USEQ	
G_IR_HISTORY	IDX_G_IR_H_XID	
	IDX_X_H_HIRID_SEQ	
G_IS_LINK	IDX_G_ISLINK_USEQ	
G_LOGIN_SESSION	IDX_G_LSESS_AGID	
	IDX_G_LSESS_LSID	X
G_PARTY	IDX_G_PARTY_PID	X
	IDX_G_PARTY_PPID	
G_PARTY_HISTORY	IDX_G_PARTY_H_PID	
G_PARTY_STAT	IDX_G_PARTY_STAT_PID	X



## Reference List

Child Table	Parent Table	Code	Foreign Key
GCX_AGENT_PLACE	GC_AGENT	AGENT_PLACE_TO_AGENT	AgentID
GCX_AGENT_PLACE	GC_PLACE	AGENT_PLACE_TO_PLACE	PlaceID
GCX_CAMPGROUP_INFO	GC_APPLICATION	FK_CAMGRCPD	CPDServerID
GCX_CAMPGROUP_INFO	GC_CAMPAIGN	CAMPGROUP_TO_CAMPAIGN	CampaignID
GCX_CAMPGROUP_INFO	GC_ENDPOINT	FK_CAMGRDN	OrigDNID
GCX_CAMPGROUP_INFO	GC_GROUP	CAMPGROUP_INFO_TO_GROUP	GroupID
GCX_CAMPLIST_INFO	GC_CALLING_LIST	CAMPLIST_INFO_TO_CALLING_LIST	ListID
GCX_CAMPLIST_INFO	GC_CAMPAIGN	CAMP_LIST_INFO_TO_CAMPAIGN	CampaignID
GCX_ENDPOINT_PLACE	GC_ENDPOINT	ENDPOINT_PLACE_TO_ENDPOINT	EndPointID
GCX_ENDPOINT_PLACE	GC_PLACE	ENDPOINT_PLACE_TO_PLACE	PlaceID
GCX_FORMAT_FIELD	GC_FIELD	FK_GCX_FLDfmt	FieldID
GCX_FORMAT_FIELD	GC_FORMAT	FK_GCX_FMTFLD	FormatID
GCX_GROUP_AGENT	GC_AGENT	GROUP_AGENT_TO_AGENT	AgentID
GCX_GROUP_AGENT	GC_GROUP	GROUP_AGENT_TO_GROUP	GroupID
GCX_GROUP_ENDPOINT	GC_ENDPOINT	GROUP_ENDPOINT_TO_ENDPOINT	EndPointID
GCX_GROUP_ENDPOINT	GC_GROUP	GROUP_ENDPOINT_TO_GROUP	GroupID
GCX_GROUP_PLACE	GC_GROUP	GROUP_PLACE_TO_GROUP	GroupID
GCX_GROUP_PLACE	GC_PLACE	GROUP_PLACE_TO_PLACE	PlaceID
GCX_GROUP_ROUTEDN	GC_ENDPOINT	GROUP_ROUTEDN_TO_ENDPOINT	EndPointID
GCX_GROUP_ROUTEDN	GC_GROUP	GROUP_ROUTEDN_TO_GROUP	GroupID
GCX_LIST_TREATMENT	GC_CALLING_LIST	FK_GCX_LSTTRT	ListID
GCX_LIST_TREATMENT	GC_TREATMENT	FK_GCX_TRTLST	TreatmentID
GCX_LOGIN_INFO	GC_AGENT	LOGIN_INFO_TO_AGENT	AgentID
GCX_LOGIN_INFO	GC_LOGIN	LOGIN_INFO_TO_LOGIN	LoginID
GCX_OBJTABLE_RECORD	GC_ATTR_VALUE	OBJ_TABLE_RECORD_TO_ATTR_VALUE_BY_CUS TSEGMENTID	CustSegmentID
GCX_OBJTABLE_RECORD	GC_ATTR_VALUE	OBJ_TABLE_RECORD_TO_ATTR_VALUE_BY_MEDI ATYPEID	MediaTypeID
GCX_OBJTABLE_RECORD	GC_ATTR_VALUE	OBJ_TABLE_RECORD_TO_ATTR_VALUE_BY_SER VICETYPEID	ServiceTypeID
GCX_OBJTABLE_RECORD	GC_OBJ_TABLE	OBJ_TABLE_RECORD_TO_OBJ_TABLE	ObjTableID
GCX_SKILL_LEVEL	GC_AGENT	SKILL_LEVEL_TO_AGENT	AgentID
GCX_SKILL_LEVEL	GC_SKILL	SKILL_LEVEL_TO_SKILL	SkillID
GCX_SUBCODE	GC_ACTION_CODE	SUBCODE_TO_ACTION_CODE	CodeID
GC_ACTION_CODE	GC_TENANT	ACTION_CODE_TO_TENANT	TenantID
GC_AGENT	GC_PLACE	AGENT_TO_PLACE	PlaceID
GC_AGENT	GC_TENANT	AGENT_TO_TENANT	TenantID
GC_ATTR_VALUE	GC_BUS_ATTRIBUTE	ATTR_VALUE_TO_BUS_ATTRIBUTE	AttributeID
GC_ATTR_VALUE	GC_TENANT	ATTR_VALUE_TO_TENANT	TenantID
GC_BUS_ATTRIBUTE	GC_TENANT	BUS_ATTRIBUTE_TO_TENANT	TenantID
GC_CALLING_LIST	GC_TABLE_ACCESS	FK_LISTLTAB	LogTableID
GC_CALLING_LIST	GC_TABLE_ACCESS	FK_LISTTAB	TableID
GC_CALLING_LIST	GC_TENANT	CALLING_LIST_TO_TENANT	TenantID
GC_CAMPAIGN	GC_TENANT	CAMPAIGN_TO_TENANT	TenantID
GC_ENDPOINT	GC_SWITCH	ENDPOINT_TO_SWITCH	SwitchID
GC_ENDPOINT	GC_TENANT	ENDPOINT_TO_TENANT	TenantID
GC_FIELD	GC_TENANT	FK_FLDTENANT	TenantID
GC_FILTER	GC_FORMAT	FK_FILTfmt	FormatID
GC_FILTER	GC_TENANT	FK_FLTTENANT	TenantID
GC_FOLDER	GC_TENANT	FOLDER_TO_TENANT	TenantID
GC_FORMAT	GC_TENANT	FK_FMTTENANT	TenantID
GC_GROUP	GC_TENANT	GROUP_TO_TENANT	TenantID
GC_IVR	GC_TENANT	IVR_TO_TENANT	TenantID
GC_IVRPORT	GC_ENDPOINT	IVR_PORT_TO_ENDPOINT	EndPointID
GC_IVRPORT	GC_IVR	IVR_PORT_TO_IVR	IVRID



Child Table	Parent Table	Code	Foreign Key
GC_IVRPORT	GC_TENANT	IVR_PORT_TO_TENANT	TenantID
GC_LOGIN	GC_SWITCH	LOGIN_TO_SWITCH	SwitchID
GC_LOGIN	GC_TENANT	LOGIN_TO_TENANT	TenantID
GC_OBJ_TABLE	GC_TENANT	OBJ_TABLE_TO_TENANT	TenantID
GC_PLACE	GC_TENANT	PLACE_TO_TENANT	TenantID
GC_SCRIPT	GC_SCRIPT	SCRIPT_TO_SCRIPT	
GC_SCRIPT	GC_TENANT	SCRIPT_TO_TENANT	TenantID
GC_SKILL	GC_TENANT	SKILL_TO_TENANT	TenantID
GC_SWITCH	GC_TENANT	SWITCH_TO_TENANT	TenantID
GC_TABLE_ACCESS	GC_FORMAT	FK_TABFMT	FormatID
GC_TABLE_ACCESS	GC_TENANT	FK_TABTENANT	TenantID
GC_TIME_ZONE	GC_TENANT	TIMEZONE_TO_TENANT	TenantID
GC_TREATMENT	GC_ENDPOINT	FK_TRTDN	DestDNID
GC_TREATMENT	GC_TENANT	FK_TRTTENANT	TenantID
GC_VOICE_PROMPT	GC_SCRIPT	VOICE_PROMPT_TO_SCRIPT	ScriptID
GC_VOICE_PROMPT	GC_SWITCH	VOICE_PROMPT_TO_SWITCH	SwitchID
GC_VOICE_PROMPT	GC_TENANT	VOICE_PROMPT_TO_TENANT	TenantID
GX_SESSION_ENDPOINT	GC_AGENT	SESSION_ENDPOINT_TO_AGENT	AgentID
GX_SESSION_ENDPOINT	GC_ENDPOINT	SESSION_ENDPOINT_TO_ENDPOINT	EndPointID
GX_SESSION_ENDPOINT	G_LOGIN_SESSION	SESSION_ENDPOINT_TO_LOGIN_SESSION	
G_AGENT_STATE_HISTORY	GC_AGENT	AGENT_STATE_HISTORY_TO_AGENT	AgentID
G_CALL	G_CALL	CALL_REFERENCES_PARENT_CALL	ParentCallID
G_CALL	G_IR	CALL_TO_IR	IRID
G_CALL_HISTORY	G_CALL	CALL_HISTORY_REFERENCES_CALL	CallID
G_CALL_STAT	G_CALL	CALL_STAT_TO_CALL	
G_DICTIONARY	G_DICT_TYPE	DICTIONARY_TO_DICT__TYPE	DTYPE
G_IR	G_CALL	IR_TO_CALL	RootCallID
G_IR_HISTORY	G_IR	IR_HISTORY_TO_IR	
G_IS_LINK	G_CALL	IS_LINK_REFERENCES_CALL	CallID
G_IS_LINK_HISTORY	G_IS_LINK	IS_LINK_HISTORY_REFERENCES_IS_LINK	LinkID
G_LOGIN_SESSION	GC_AGENT	LOGIN_SESSION_TO_AGENT	AgentID
G_LOGIN_SESSION	GC_LOGIN	LOGIN_SESSION_TO_LOGIN	LoginID
G_LOGIN_SESSION	GC_PLACE	LOGIN_SESSION_TO_PLACE	PlaceID
G_PARTY	GC_AGENT	PARTY_TO_AGENT	AgentID
G_PARTY	GC_ENDPOINT	PARTY_TO_ENDPOINT	EndPointID
G_PARTY	G_CALL	PARTY_REFERENCES_CALL	CallID
G_PARTY	G_PARTY	PARTY_REFERENCES_PREVIOUS_PARTY	
G_PARTY_HISTORY	GC_ENDPOINT	PARTY_HISTORY_TO_ENDPOINT	EndpointID
G_PARTY_HISTORY	G_PARTY	PARTY_HISTORY_REFERENCES_PARTY	PartyID
G_PARTY_STAT	G_PARTY	PARTY_STAT_TO_PARTY	
G_SECURE_USERDATA_HISTORY	G_CALL	SECURE_USERDATA_TO_CALL	
G_SECURE_USERDATA_HISTORY	G_PARTY	SECURE_USERDATA_TO_PARTY	
G_USERDATA_HISTORY	G_CALL	USERDATA_HISTORY_TO_CALL	
G_USERDATA_HISTORY	G_PARTY	USERDATA_HISTORY_TO_PARTY	

## Table GCX\_AGENT\_PLACE

This table stores information about the associations between agents and places, including terminated associations, such as when an agent's assignment to a place is removed.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X



Name	Code	Data Type	P	M	F	AN
PlaceID	PLACEID	int		X	X	
AgentID	AGENTID	int		X	X	
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				

### Column ID

The unique, autonumbered ID of the record. This is the primary key.

### Column PlaceID

The DBID of the Place object that is associated with AgentID (the agent).

### Column AgentID

The DBID of the Person object (the agent) that is associated with PlaceID (the place).

### Column Status

The status of the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the record was written to IDB. This is not necessarily the actual creation time of the record.



**Column Deleted**

The GMT-equivalent date and time when this association was deleted.

**Column Created\_ts**

The UTC-equivalent value of the CREATED field.

**Column Created\_tcode**

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

**Column Deleted\_ts**

The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Index List**

Code	U	C	Table
IDX_AGENT_PLACE			GCX_AGENT_PLACE

**Table GCX\_CAMPGROUP\_INFO**

This table stores information about the associations between campaigns and agent or place groups, including terminated associations, such as when an agent group is removed from a campaign.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
GroupID	GROUPID	int		X	X	
CampaignID	CAMPAIGNID	int		X	X	
Description	DESCRIPTION	varchar(255)				
CPDServerID	CPDSERVERID	int			X	
IsActive	ISACTIVE	int		X		
DialMode	DIALMODE	int				
OrigDNID	ORIGDNID	int			X	
NumOfChannels	NUMOFCHANNELS	int				
OperationMode	OPERATIONMODE	int				
MinRecSize	MINRECSIZE	int				
OptRecSize	OPTRECSIZE	int				
OptMethod	OPTMETHOD	int				
OptMethodValue	OPTMETHODVALUE	int				
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				



Name	Code	Data Type	P	M	F	AN
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column GroupID

The DBID of the AgentGroup or PlaceGroup that is associated with CampaignID (the campaign).

### Column CampaignID

The DBID of the campaign that is associated with GroupID (the AgentGroup or PlaceGroup).

### Column Description

Free-format description

### Column CPDServerID

The DBID of the CPD Server Application that is associated with this record.

### Column IsActive

This is an indicator of whether the campaign on behalf to this group is active. It corresponds to the CfgFlag enumeration (Configuration Server). One of the following values:

0 - Unknown

1 - False

2 - True

#DICTIONARY TYPE 509

### Column DialMode

A dedicated dial mode for this group. It corresponds to the CfgDialMode enumeration (Configuration Server). One of the following values:

0 - Unknown Dialing Mode



- 1- Predictive
- 2- Progressive
- 3- Preview
- 4- Progressive with seizing
- 5- Predictive with seizing
- 6- Power
- 7- Power with seizing
- 8- Push Preview
- 9- Progress GVP
- 10- Predict GVP
- 11- Power GVP

#### #DICTIONARY TYPE 521

##### Column OrigDNID

A DBID of the DN from where the dialing should be performed.

##### Column NumOfChannels

The maximum number of outbound channels that can be used by this group at one time.

##### Column OperationMode

An operation mode. It corresponds to the CfgOperationMode enumeration (Configuration Server). One of the following values:

- 0 - Unknown Operation Mode
- 1 - Manual
- 2 - Scheduled

#### #DICTIONARY TYPE 522

##### Column MinRecSize

A record buffering parameter.

##### Column OptRecSize

A record buffering parameter.

##### Column OptMethod

An optimization method. It corresponds to the CfgOptimizationMethod enumeration (Configuration Server). One of the following values:

- 0 - Unknown Optimization Criteria
- 1 - Agent Busy Factor



2 - Overdial Rate

3 - Average Waiting Time

#### #DICTIONARY TYPE 523

##### Column OptMethodValue

The value of the optimization method that is specified by optMethod property.

##### Column Status

The status of the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

#### #DICTIONARY TYPE 24

##### Column Created

The GMT-equivalent date and time when this association was written to IDB. This is not necessarily the actual creation time of the association.

##### Column Deleted

The GMT-equivalent date and time when the association was deleted.

##### Column Created\_ts

The UTC-equivalent value of the CREATED field.

##### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

##### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

##### Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_CAMPGROUP_INFO			GCX_CAMPGROUP_INFO



## Table GCX\_CAMPLIST\_INFO

This table stores information about the associations between calling lists and campaigns, including terminated associations, such as when a calling list is removed from a campaign.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
ListID	LISTID	int		X	X	
CampaignID	CAMPAIGNID	int		X	X	
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of the record. This is the primary key.

### Column ListID

The DBID of the Calling List object that is associated with CampaignID (the campaign).

### Column CampaignID

The DBID of the Campaign object that is associated with ListID (the calling list).

### Column Status

The status of the object described by the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24



### Column Created

The GMT-equivalent date and time when the record was written to IDB. This is not necessarily the actual creation time of the record.

### Column Deleted

The GMT-equivalent date and time when this association was deleted.

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

### Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_CAMPLIST_INFO			GCX_CAMPLIST_INFO

## Table GCX\_ENDPOINT\_PLACE

This table stores information about the associations between endpoints (DNs) and places, including terminated associations, such as when an endpoint is removed from a place.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
EndPointID	ENDPOINTID	int		X	X	
PlaceID	PLACEID	int		X	X	
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				



Name	Code	Data Type	P	M	F	AN
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column EndPointID

The DBID of the Endpoint object (DN) that is associated with PlaceID (the place).

### Column PlaceID

The DBID of the Place object that is associated with EndPointID (the DN).

### Column Status

The status of the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

### #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the record was written to IDB. This is not necessarily the actual creation time of the record.

### Column Deleted

The GMT-equivalent date and time when the association was deleted.

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.



## Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_ENDPOINT_PLACE			GCX_ENDPOINT_PLACE

## Table GCX\_FORMAT\_FIELD

This table stores information about the associations between Formats and Fields, including terminated associations.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
FormatID	FORMATID	int		X	X	
FieldID	FIELDID	int		X	X	
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

## Column ID

The unique, autonumbered ID of this record. This is the primary key.

## Column FormatID

The DBID of the Format object that is associated with FieldID.

## Column FieldID

The DBID of the Field object that is associated with FormatID.



## Column Status

The status of the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

## #DICTIONARY TYPE 24

## Column Created

The GMT-equivalent date and time when the record was written to IDB. This is not necessarily the actual creation time of the record.

## Column Deleted

The GMT-equivalent date and time when the association was deleted.

## Column Created\_ts

The UTC-equivalent value of the CREATED field.

## Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

## Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

## Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_FORMAT_FIELD			GCX_FORMAT_FIELD

## Table GCX\_GROUP\_AGENT

This table stores information about the associations between agents and agent groups, including terminated associations, such as when an agent is removed from an agent group.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X



Name	Code	Data Type	P	M	F	AN
GroupID	GROUPID	int		X	X	
AgentID	AGENTID	int		X	X	
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column GroupID

The DBID of the Agent Group object that is associated with AgentID (a Person object).

### Column AgentID

The DBID of the Person object (the agent) that is associated with GroupID (the agent group).

### Column Status

The status of the object described by the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

### #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the record was written to IDB. This is not necessarily the actual creation time of the record.



**Column Deleted**

The GMT-equivalent date and time when the association was deleted.

**Column Created\_ts**

The UTC-equivalent value of the CREATED field.

**Column Created\_tcode**

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

**Column Deleted\_ts**

The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Index List**

Code	U	C	Table
IDX_GROUP_AGENT			GCX_GROUP_AGENT

**Table GCX\_GROUP\_ENDPOINT**

This table stores information about the associations between endpoints (DNs) and DN groups, including terminated associations such as when a DN is removed from a DN group.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
GroupID	GROUPID	int		X	X	
EndPointID	ENDPOINTID	int		X	X	
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				



Name	Code	Data Type	P	M	F	AN
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column GroupID

The DBID of the DN Group object that is associated with EndPointID (the DN).

### Column EndPointID

The DBID of the DN object that is associated with GroupID (the DN group).

### Column Status

The status of the record. One of the following:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

### #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the record was written to IDB. This is not necessarily the actual creation time of the record.

### Column Deleted

The GMT-equivalent date and time when this association was deleted.

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

### Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.



## Index List

Code	U	C	Table
IDX_GROUP_ENDPOINT			GCX_GROUP_ENDPOINT

## Table GCX\_GROUP\_PLACE

This table stores information about the associations between places and Place Groups, including terminated associations, such as when a Place is removed from a Place Group.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
GroupID	GROUPID	int		X	X	
PlaceID	PLACEID	int		X	X	
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column GroupID

The DBID of the Place Group object that is associated with PlaceID (the Place).

### Column PlaceID

The DBID of the Place object that is associated with GroupID (the Place Group).

### Column Status

The status of the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active



2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

## #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the record was written to IDB. This is not necessarily the actual creation time of the record.

### Column Deleted

The GMT-equivalent date and time when this association was deleted.

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

### Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_GROUP_PLACE			GCX_GROUP_PLACE

## Table GCX\_GROUP\_ROUTEDN

This table stores information about the associations of Agent/Place/DN Groups to Route DNs, including terminated associations.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
GroupID	GROUPID	int		X	X	
EndPointID	ENDPOINTID	int		X	X	
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				



Name	Code	Data Type	P	M	F	AN
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is a primary key.

### Column GroupID

The DBID of the Group (Agent, Place, DN) object that is associated with EndPointID (the Route DN object).

### Column EndPointID

The DBID of the Route DN object that is associated with GroupID (the Agent, Place, or DN group).

### Column Status

The status of the record. One of the following values:

0 - unknown - reserved for when ICON is unable to determine record status.

1 - record is active

2 - record is inactive (deleted)

#DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the record was written to IDB. This is not necessarily the actual creation time of the record.

### Column Deleted

The GMT-equivalent date and time when this association was deleted.

### Column Created\_ts

The UTC-equivalent value of the CREATED value.



### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED value.

### Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_GROUP_ROUTEDN			GCX_GROUP_ROUTEDN

## Table GCX\_LIST\_TREATMENT

This table stores information about the associations between treatments and calling lists, including terminated associations, such as when the application of a treatment is removed from a calling list.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
ListID	LISTID	int		X	X	
TreatmentID	TREATMENTID	int		X	X	
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.



### Column ListID

The DBID of the Calling List object that is associated with TreatmentID (the treatment).

### Column TreatmentID

The DBID of the Treatment object that is associated with ListID (the calling list).

### Column Status

The status of the object described by the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

### #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the record was written to IDB. This is not necessarily the actual creation time of the record.

### Column Deleted

The GMT-equivalent date and time when this association was deleted.

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

### Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_LIST_TREATMENT			GCTX_LIST_TREATMENT



## Table GCX\_LOGIN\_INFO

This table stores information about the associations of agent to agent logins, including terminated associations.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
LoginID	LOGINID	int		X	X	
AgentID	AGENTID	int		X	X	
WrapupTime	WRAPUPTIME	int				
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column LoginID

The DBID of the Agent Login object that is associated with AgentID (the Person object).

### Column AgentID

The DBID of the Person object (the agent) that is associated with LoginID.

### Column WrapupTime

The wrap-up time, in seconds, that is associated with this login identifier.

### Column Status

The status of the object described by the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)



10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24

Column Created

The GMT-equivalent date and time when the record was written to IDB. This is not necessarily the actual creation time of the record.

Column Deleted

The GMT-equivalent date and time when the association was deleted.

Column Created\_ts

The UTC-equivalent value of the CREATED field.

Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

Column Deleted\_tcode

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

Index List

Code	U	C	Table
IDX_LOGIN_INFO			GCX_LOGIN_INFO

Table GCX\_OBJTABLE\_RECORD

This table stores information about associations between Objective Tables and Enumerator Values, including terminated associations.

Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
ObjTableID	OBJTABLEID	int		X	X	
MediaTypeId	MEDIATYPEID	int		X	X	
ServiceTypeId	SERVICETYPEID	int		X	X	
CustSegmentID	CUSTSEGMENTID	int		X	X	
Threshold	THRESHOLD	int				
Delta	DELTA	int				
Status	STATUS	int		X		
Created	CREATED	datetime				



Name	Code	Data Type	P	M	F	AN
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column ObjTableID

The DBID of the Objective Table object that is associated with this record.

### Column MediaTypeID

The DBID of the Media Type (Attribute Value) object that is associated with ObjTableID.

### Column ServiceTypeID

The DBID of the Service Type (Attribute Value) object that is associated with ObjTableID.

### Column CustSegmentID

The DBID of the Customer Segment (Attribute Value) object that is associated with ObjTableID.

### Column Threshold

An objective threshold for this record

### Column Delta

An objective delta for this record

### Column Status

The status of the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)



10 - synchronization is in the progress for an active record

## #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the record was written to IDB. This does not necessarily reflect the actual creation time of the record.

### Column Deleted

The GMT-equivalent date and time when this association was deleted.

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

### Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_OBJTABLE_RECORD			GCX_OBJTABLE_RECORD

## Table GCX\_SKILL\_LEVEL

This table stores information about the associations between agents and skills, including terminated associations, such as when the assignment of a skill is removed from agent configuration.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
SkillID	SKILLID	int		X	X	
AgentID	AGENTID	int		X	X	
SLevel	SLEVEL	int				
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				



Name	Code	Data Type	P	M	F	AN
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column SkillID

The DBID of the Skill object that is associated with AgentID (the agent).

### Column AgentID

The DBID of the Person (Agent) object that is associated with SkillID (the skill).

### Column SLevel

The skill level of the Agent

### Column Status

The status of the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

### #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the record was written to IDB. This does not necessarily reflect the actual creation time of the record.

### Column Deleted

The GMT-equivalent date and time when this record was marked for deletion.



Column Created\_ts

The UTC-equivalent value of the CREATED field.

Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

Column Deleted\_tcode

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

Index List

Code	U	C	Table
IDX_SKILL_LEVEL			GCX_SKILL_LEVEL

Table GCX\_SUBCODE

This table stores information about associations of Action Codes to Subcodes, including terminated associations.

Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CodeID	CODEID	int		X	X	
Name	NAME	varchar(255)		X		
Code	CODE	varchar(255)		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				



### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column CodeID

The DBID of the Action Code object that is associated with the subcode.

### Column Name

Subcode name

### Column Code

Subcode ID

### Column Status

The status of the object described by the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

### #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the record was written to IDB. This is not necessarily the actual creation time of the record.

### Column Deleted

The GMT-equivalent date and time when this record was deleted.

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

### Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.



## Index List

Code	U	C	Table
IDX_SUBCODE			GCX_SUBCODE

## Table GC\_ACTION\_CODE

This table stores information about the configuration of Action Code objects.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Type	TYPE	int		X		
Code	CODE	varchar(255)		X		
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, auto-generated ID of this record. This is the primary key.

### Column Name

The name of the Action Code object.

### Column TenantID

The DBID of the Tenant to which this object belongs.



### Column FolderID

The DBID of the Folder for the object.

### Column Type

The type of the Action Code. This corresponds to the CfgActionCodeType enumeration (Configuration Server). One of the following values:

- 0 - Unknown - reserved for when ICON is unable to determine action code type
- 1 - Inbound Call
- 2 - Outbound Call
- 3 - Internal Call
- 4 - Transfer
- 5 - Conference
- 6 - Login
- 7 - Logout
- 8 - Ready
- 9 - Not Ready
- 10 - Busy On
- 11 - Busy Off
- 12 - Forward On
- 13 - Forward Off

#DICTIONARY TYPE 514

### Column Code

Index or abbreviation of the Action Code

### Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server). One of the following values:

- 0 - unknown - Reserved for when ICON is unable to determine object state.
- 1 - enabled
- 2 - disabled

#DICTIONARY TYPE 500

### Column Status

The status of the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active



2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

## #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

### Column Deleted

The GMT-equivalent date and time when the object was deleted.

### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

### Column LastChange\_tcode

A reference, derived from the value in the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

### Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Table GC\_AGENT

This table describes information about the configuration of Person (Agent) objects.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		



Name	Code	Data Type	P	M	F	AN
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
UserName	USERNAME	varchar(255)		X		
FirstName	FIRSTNAME	varchar(64)				
LastName	LASTNAME	varchar(64)				
EmployeeID	EMPLOYEEID	varchar(64)		X		
Email	EMAIL	varchar(255)				
Type	TYPE	int		X		
State	STATE	int		X		
PlaceID	PLACEID	int			X	
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of the record. This is the primary key.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column UserName

Person's user name (logon name)

### Column FirstName

Person's first name



### Column LastName

Person's last name

### Column EmployeeID

Code identifying this person within the Tenant's staff

### Column Email

Person's e-mail address

### Column Type

The flag showing whether this Person object is configured as an Agent or a Supervisor (non-Agent). This corresponds to the CfgFlag enumeration (Configuration Server). One of the following values:

- 0 - Unknown - Reserved for when ICON is unable to determine agency.
- 1 - False - The Person object does not have the Is Agent flag; it is a Supervisor.
- 2 - True - The Person object has the Is Agent flag; it is an Agent.

#DICTIONARY TYPE 509

### Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server). One of the following values:

- 0 - unknown - Reserved for when ICON is unable to determine object state.
- 1 - enabled
- 2 - disabled

#DICTIONARY TYPE 500

### Column PlaceID

The DBID of the Place that is assigned to this agent.

### Column Status

The status of the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24



**Column Created**  
The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the record.

**Column Deleted**  
The GMT-equivalent date and time when this object was deleted.

**Column LastChange**  
The GMT-equivalent date and time of the last change to the object (including creation or removal).

**Column Created\_ts**  
The UTC-equivalent value of the CREATED field.

**Column Created\_tcode**  
A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

**Column Deleted\_ts**  
The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**  
A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**  
The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**  
A reference, derived from the value in the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Table GC\_APPLICATION**  
This table stores information about the configuration of Application objects.

**Note:** At present, only CPD Servers are stored.

Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
Type	TYPE	int		X		
FolderID	FOLDERID	int				
Version	VERSION	varchar(255)				



Name	Code	Data Type	P	M	F	AN
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column Name

The name of the object.

### Column Type

The type of Application. This corresponds to the CfgAppType enumeration (Configuration Server). Refer to the Appendix for a listing of permissible values.

#DICTIONARY TYPE 506

### Column FolderID

The DBID of the folder for the object.

### Column Version

Application version

### Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server).

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled



2 - disabled

## #DICTIONARY TYPE 500

### Column Status

The status of the record. One of the following:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

## #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

### Column Deleted

The GMT-equivalent date and time when the object was removed.

### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

### Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

### Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.



## Column LastChange\_tcode

A reference, derived from the value in the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

## Table GC\_ATTR\_VALUE

This table stores information about the configuration of Enumerator Value (Attribute Value) objects.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
AttributeID	ATTRIBUTEID	int		X	X	
FolderID	FOLDERID	int				
DisplayName	DISPLAYNAME	varchar(255)				
Description	DESCRIPTION	varchar(255)				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

## Column ID

The unique, autonumbered ID of this record. This is the primary key.

## Column Name

The name of the object. This is a non-changeable system name.

## Column TenantID

The DBID of the Tenant to which this object belongs.



### Column AttributeID

The DBID of the Business Attribute (Enumerator) to which this Attribute Value belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column DisplayName

The display name of the object. This value is changeable.

### Column Description

Free format description

### Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server). One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

### #DICTIONARY TYPE 500

### Column Status

The status of the object described by the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

### #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

### Column Deleted

The GMT-equivalent date and time when this object was removed.

### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).



**Column Created\_ts**

The UTC-equivalent value of the CREATED field.

**Column Created\_tcode**

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

**Column Deleted\_ts**

The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value in the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Table GC\_BUS\_ATTRIBUTE**

This tables stores information about configuration of Enumerator (Business Attribute) objects.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Type	TYPE	int		X		
DisplayName	DISPLAYNAME	varchar(255)				
Description	DESCRIPTION	varchar(255)				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				



Name	Code	Data Type	P	M	F	AN
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column Name

The name of the object. This is a non-changeable system name.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column Type

The Business Attribute type. This corresponds to the CfgEnumeratorType (Configuration Server). One of the following values:

- 0 - Unknown
- 1 - Interaction Operational Attribute
- 2 - Role
- 3 - Contact Attribute
- 4 - Custom
- 5 - GVP Master List
- 6 - GVP Custom List
- 7 - GVP Master Default
- 8 - GVP Custom Default
- 9 - GVP Alias

#DICTIONARY TYPE 556

### Column DisplayName

The display name of the object. This value is changeable.

### Column Description

Free format description



## Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server). One of the following values:

- 0 - unknown - Reserved for when ICON is unable to determine object state.
- 1 - enabled
- 2 - disabled

#DICTIONARY TYPE 500

## Column Status

The status of the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24

## Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

## Column Deleted

The GMT-equivalent date and time when this object was deleted.

## Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

## Column Created\_ts

The UTC-equivalent value of the CREATED field.

## Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

## Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

## Column Deleted\_tcode

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.



### Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

### Column LastChange\_tcode

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

## Table GC\_CALLING\_LIST

This table stores information about the configuration of Calling List objects.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Description	DESCRIPTION	varchar(255)				
TimeFrom	TIMEFROM	int				
TimeUntil	TIMEUNTIL	int				
MaxAttempts	MAXATTEMPTS	int				
FilterID	FILTERID	int				
TableID	TABLEID	int			X	
LogTableID	LOGTABLEID	int			X	
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.



**Column Name**

The name of the calling list object.

**Column TenantID**

The DBID of the Tenant to which this object belongs.

**Column FolderID**

The DBID of the Folder for the object.

**Column Description**

Free format description

**Column TimeFrom**

The earliest time when a dial can be performed

**Column TimeUntil**

The latest time when a dial can be performed.

**Column MaxAttempts**

The maximum number of attempts that a single record can be dialed for one campaign.

**Column FilterID**

The DBID of the Filter for this Calling List.

**Column TableID**

The DBID of the Table Access to which the Calling List refers.

**Column LogTableID**

The DBID of the Table Access (LogTable type) to which the Calling List refers.

**Column State**

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server). One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

#DICTIONARY TYPE 500



## Column Status

The status of the object described by the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24

## Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

## Column Deleted

The GMT-equivalent date and time when this object was deleted.

## Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

## Column Created\_ts

The UTC-equivalent value of the CREATED field.

## Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

## Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

## Column Deleted\_tcode

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

## Column LastChange\_tcode

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.



## Table GC\_CAMPAIGN

This table stores information about the configuration of Campaign objects.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Description	DESCRIPTION	varchar(255)				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column Description

Free format description



## Column State

The object's state. This corresponds to the CfgObjectState enumeration in Configuration Server. One of the following values:

- 0 - unknown - Reserved for when ICON is unable to determine object state.
- 1 - enabled
- 2 - disabled

#DICTIONARY TYPE 500

## Column Status

The status of the object described by the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24

## Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

## Column Deleted

The GMT-equivalent date and time of the actual removal of the object.

## Column LastChange

The GMT-equivalent date and time of last change in the object (including creation and removal).

## Column Created\_ts

The UTC-equivalent value of the CREATED field.

## Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

## Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

## Column Deleted\_tcode

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.



### Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

### Column LastChange\_tcode

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

## Table GC\_ENDPOINT

This table stores configuration information about endpoints, including DNs, scripts, and agent places.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
DN	DN	varchar(255)		X		
Type	TYPE	int		X		
State	STATE	int		X		
SwitchID	SWITCHID	int		X	X	
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Association	ASSOCIATION	varchar(255)				
DNLoginID	DNLOGINID	varchar(255)				
RouteType	ROUTETYPE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered record ID. This is the primary key.

### Column DN

The directory number.



### Column Type

The type of the DN. This corresponds to the CfgDNType enumeration IN Configuration Server. Refer to the Appendix for a listing of permissible values.

#DICTIONARY TYPE 504

### Column State

The object state. This corresponds to the CfgObjectState enumeration in Configuration Server. One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

#DICTIONARY TYPE 500

### Column SwitchID

The DBID of the Switch to which this DN belongs.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column Association

The entity that is permanently associated with this DN. For example: an IVR port number, a channel name, or an access number.

### Column DNLoginID

Login identifier used to activate this DN.

### Column RouteType

The route type of the Action Code. This corresponds to the CfgRouteType enumeration in Configuration Server.

#DICTIONARY TYPE 504

### Column Status

The status of the object described by the record. One of the following:

0 - the status is unknown - Reserved for when ICON is unable to determine record status



- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

## #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

### Column Deleted

The GMT-equivalent date and time when the object was deleted.

### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

### Column Deleted\_tcode

A reference, derived from the value of the DELETED\_TS field, to the G\_TIMECODE table.

### Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

### Column LastChange\_tcode

A reference, derived from the value of the LASTCHANGE\_TS field, to the G\_TIMECODE table.

## Table GC\_FIELD

This table stores information about the configuration of Field objects.

### Column List

Name	Code	Data Type	P	M	F	AN
------	------	-----------	---	---	---	----



Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Description	DESCRIPTION	varchar(255)				
DataType	DATATYPE	int		X		
Length	LENGTH	int				
FieldType	FIELDTYPE	int				
DefaultValue	DEFAULTVALUE	varchar(255)				
IsPrimaryKey	ISPRIMARYKEY	int				
IsUnique	ISUNIQUE	int				
IsNullable	ISNULLABLE	int				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column Description

Free format description



## Column DataType

The data type of field in the database. This corresponds to CfgDataType enumeration in Configuration Server. One of the following values:

- 0 - Unknown Data Type
- 1 - int
- 2 - float
- 3 - char
- 4 - varchar
- 5 - datetime

#DICTIONARY TYPE 516

## Column Length

Length of field in the database

## Column FieldType

The type of the Field corresponding to the CfgFieldType enumeration in Configuration Server. Refer to the Appendix for a complete listing of permissible values.

#DICTIONARY TYPE 517

## Column DefaultValue

The default value of the Field.

## Column IsPrimaryKey

A flag which indicates whether a field is used as primary key. This corresponds to the CfgFlag enumeration in Configuration Server.

- 0 - unknown
- 1 - false - field is not used as a primary key
- 2 - true - field is used as a primary key

#DICTIONARY TYPE 509

## Column IsUnique

A flag which indicates whether a field is unique. This corresponds to the CfgFlag enumeration in Configuration Server. One of the following values:

- 0 - unknown
- 1 - false - field is not unique
- 2 - true - field is unique



## #DICTIONARY TYPE 509

### Column IsNullable

A flag which indicates whether a field allows null values. This corresponds to the CfgFlag enumeration in Configuration Server. One of the following values

- 0 - unknown
- 1 - false - field does not allow null values
- 2 - true - field does allow null values

## #DICTIONARY TYPE 509

### Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server).

- 0 - unknown - Reserved for when ICON is unable to determine object state.
- 1 - enabled
- 2 - disabled

## #DICTIONARY TYPE 500

### Column Status

The status of the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

## #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

### Column Deleted

The GMT-equivalent date and time when the object was deleted.

### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).



**Column Created\_ts**

The UTC-equivalent value of the CREATED field.

**Column Created\_tcode**

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

**Column Deleted\_ts**

The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Table GC\_FILTER**

This table stores information about the configuration of Filter objects.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Description	DESCRIPTION	varchar(255)				
FormatID	FORMATID	int			X	
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				



Name	Code	Data Type	P	M	F	AN
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column Name

The name of the Filter object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column Description

Free format description

### Column FormatID

The DBID of the Format to which this Filter is dedicated.

### Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server). One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

### #DICTIONARY TYPE 500

### Column Status

The status of the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record



#DICTIONARY TYPE 24

Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

Column Deleted

The GMT-equivalent date and time when the object was deleted.

Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

Column Created\_ts

The UTC-equivalent value of the CREATED field.

Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

Column Deleted\_tcode

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

Column LastChange\_tcode

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

Table GC\_FOLDER

This table stores information about the configuration of Folder objects.

Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
Type	TYPE	int		X		
OwnerID	OWNERID	int				



Name	Code	Data Type	P	M	F	AN
OwnerType	OWNERTYPE	int				
FolderID	FOLDERID	int				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column Type

The type of the Folder. This corresponds to the CfgObjectType enumeration (Configuration Server). Refer to the Appendix for a complete listing of permissible values.

#DICTIONARY TYPE 528

### Column OwnerID

The DBID of the owner object (Tenant, Switch, IVR, Business Attribute) of the folder.

### Column OwnerType

Type of the owner of the Folder. This corresponds to the CfgObjectType enumeration in Configuration Server. Refer to the Appendix for a complete listing of permissible values.



## # DICTIONARY TYPE 528

## Column FolderID

The DBID of the folder for the object.

## Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server). One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

## #DICTIONARY TYPE 500

## Column Status

The status of the record. One of the following:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

## # DICTIONARY TYPE 24

## Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

## Column Deleted

The GMT-equivalent date and time when the object was deleted.

## Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

## Column Created\_ts

The UTC-equivalent value of the CREATED field.

## Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.



**Column Deleted\_ts**

The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**

The UTC-equivalent value of the LAST\_CHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Table GC\_FORMAT**

This table stores configuration information about Format objects.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Description	DESCRIPTION	varchar(255)				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

**Column ID**

The auto-generated record ID.



### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column Description

Free format description

### Column State

The object state corresponding to the CfgObjectState enumeration in Configuration Server. One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

### #DICTIONARY TYPE 500

### Column Status

The status of the object described by the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

### #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

### Column Deleted

The GMT-equivalent date and time of the actual removal of the object.

### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).



**Column Created\_ts**

The UTC-equivalent value of the CREATED field.

**Column Created\_tcode**

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

**Column Deleted\_ts**

The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Table GC\_GROUP**

This table stores information about agent group, place group, and DN group configuration objects.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Type	TYPE	int		X		
DNGroupType	DNGROUPTYPE	int				
State	STATE	int		X		
Script	SCRIPT	varchar(255)				
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				



Name	Code	Data Type	P	M	F	AN
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The auto-generated record ID.

### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column Type

The type of the Group corresponding to the CfgGroupType enumeration in Configuration Server. One of the following values:

0 - Unknown Group Type

1 - Agent Group

2 - Place Group

3 - DN Group

4 - Access Group

#DICTIONARY TYPE 540

### Column DNGroupType

The type of DN Group corresponding to the CfgDNGroupType enumeration in Configuration Server. This is applicable only to DN group records. One of the following values:

0 - Unknown Group Type

1 - Single Ports

2 - ACD Queues

3 - Routing Points

4 - Network Ports

5 - Service Numbers

#DICTIONARY TYPE 508



### Column State

The object state corresponding to the CfgObjectState enumeration in Configuration Server. One of the following values:

- 0 - unknown - Reserved for when ICON is unable to determine object state.
- 1 - enabled
- 2 - disabled

#DICTIONARY TYPE 500

### Column Script

The Virtual Agent Group script expression. This is applicable only to Agent Group objects.

### Column Status

The status of the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

### Column Deleted

The GMT-equivalent date and time when this object was removed.

### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.



**Column Deleted\_tcode**

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Table GC\_IVR**

This table stores information about the configuration of the IVR objects.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Type	TYPE	int		X		
Description	DESCRIPTION	varchar(255)				
Version	VERSION	varchar(255)				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

**Column ID**

The unique, autonumbered record ID. This is the primary key.



### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column Type

The type of the IVR. This corresponds to the CfgIVRType enumeration (Configuration Server). One of the following values:

- 0 - Unknown IVR Type
- 1 - Conversant
- 2 - WVR for AIX
- 3 - Syntellect Vocal Point
- 4 - Syntellect Premier
- 5 - Syntellect Vista
- 6 - Voicetek
- 7 - Agility
- 8 - Meridian Integrated
- 9 - Symposium Open
- 10 - Edify
- 11 - Brite
- 12 - ShowNTel
- 13 - Intervoice BritePeriphonics VPS/is
- 15 - Amerex
- 16 - WVR for Windows
- 17 - Genesys Voice Platform
- 18 - MPS
- 19 - Aspect CSS
- 20 - Microsoft Speech Server
- 21 - Other IVR Type
- 22 - Envoy

#DICTIONARY TYPE 524

### Column Description

Free-format description



## Column Version

IVR version

## Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server). One of the following values:

- 0 - unknown - Reserved for when ICON is unable to determine object state.
- 1 - enabled
- 2 - disabled

## #DICTIONARY TYPE 500

## Column Status

The status of the object described by the record. One of the following:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

## #DICTIONARY TYPE 24

## Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

## Column Deleted

The GMT-equivalent date and time when this object was removed.

## Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

## Column Created\_ts

The UTC-equivalent value of the CREATED field.

## Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

## Column Deleted\_ts

The UTC-equivalent value of the DELETED field.



**Column Deleted\_tcode**

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value in the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Table GC\_IVRPORT**

This table stores information about the configuration IVR Port objects.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Number_	NUMBER_	varchar(255)		X		
TenantID	TENANTID	int		X	X	
IVRID	IVRID	int		X	X	
FolderID	FOLDERID	int				
Description	DESCRIPTION	varchar(255)				
EndPointID	ENDPOINTID	int			X	
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

**Column ID**

The unique, autonumbered ID of the record. This is the primary key.



**Column Number\_**

IVR port number

**Column TenantID**

The DBID of the Tenant to which this object belongs.

**Column IVRID**

The DBID of the IVR to which this IVR Port belongs.

**Column FolderID**

The DBID of the Folder for the object.

**Column Description**

Free-format description

**Column EndPointID**

The DBID of the DN associated with this IVR Port.

**Column State**

The object state corresponding to the CfgObjectState enumeration in Configuration Server. One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

**#DICTIONARY TYPE 500****Column Status**

The status of the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

**#DICTIONARY TYPE 24****Column Created**

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.



**Column Deleted**

The GMT-equivalent date and time when the object was deleted.

**Column LastChange**

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

**Column Created\_ts**

The UTC-equivalent value of the CREATED field.

**Column Created\_tcode**

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

**Column Deleted\_ts**

The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value in the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Table GC\_LOGIN**

This table contains information about configuration of Agent Login objects.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
LoginCode	LOGINCODE	varchar(255)		X		
TenantID	TENANTID	int		X	X	
SwitchID	SWITCHID	int		X	X	
FolderID	FOLDERID	int				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				



Name	Code	Data Type	P	M	F	AN
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column LoginCode

The Agent Login code

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column SwitchID

The DBID of the Switch to which this agent login belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column State

The object state corresponding to the CfgObjectState enumeration in Configuration Server. One of the following values:

- 0 - unknown - Reserved for when ICON is unable to determine object state.
- 1 - enabled
- 2 - disabled

### #DICTIONARY TYPE 500

### Column Status

The status of the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status



- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

## #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

### Column Deleted

The GMT-equivalent date and time when this object was deleted.

### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

### Column Created\_ts

The UTC-equivalent value for the CREATED field.

### Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Deleted\_ts

The UTC-equivalent value for the DELETED field.

### Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

### Column LastChange\_ts

The UTC-equivalent value for the LASTCHANGE field.

### Column LastChange\_tcode

A reference, derived from the value in the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

## Table GC\_OBJ\_TABLE

This table stores configuration information about Objective Table objects.

### Column List

Name	Code	Data Type	P	M	F	AN
------	------	-----------	---	---	---	----



Name	Code	Data Type	P	M	F	AN
ID	ID	Int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	Int		X	X	
FolderID	FOLDERID	Int				
Description	DESCRIPTION	varchar(255)				
State	STATE	Int		X		
Status	STATUS	Int		X		
Created	CREATED	Datetime				
Deleted	DELETED	Datetime				
LastChange	LASTCHANGE	Datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, auto-generated ID of this record. This is the primary key.

### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column Description

Free format description

### Column State

The object state corresponding to the CfgObjectState enumeration in Configuration Server. One of the following values:



0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

#### #DICTIONARY TYPE 500

##### Column Status

The status of the object described by the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

#### #DICTIONARY TYPE 24

##### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

##### Column Deleted

The GMT-equivalent date and time of the actual removal of the object.

##### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

##### Column Created\_ts

The UTC-equivalent value of the CREATED field.

##### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

##### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

##### Column Deleted\_tcode

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

##### Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.



### Column LastChange\_tcode

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

## Table GC\_PLACE

This table stores information about the configuration of Place objects.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.



## Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server). One of the following values:

- 0 - unknown - Reserved for when ICON is unable to determine object state.
- 1 - enabled
- 2 - disabled

#DICTIONARY TYPE 500

## Column Status

The status of the object described by the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24

## Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

## Column Deleted

The GMT-equivalent date and time when the object was removed.

## Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

## Column Created\_ts

The UTC-equivalent value of the CREATED field.

## Column Created\_tcode

A reference, derived from the CREATED\_TS field, to a record in the G\_TIMECODE table.

## Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

## Column Deleted\_tcode

A reference, derived from the DELETED\_TS field, to a record in the G\_TIMECODE table.



Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

Column LastChange\_tcode

A reference, derived from the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

Table GC\_SCRIPT

This table stores configuration information about Script objects.

Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Type	TYPE	int		X		
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

Column ID

The unique, auto-generated ID of this record. This is the primary key.

Column Name

The name of the object.

Column TenantID

The DBID of the Tenant to which this object belongs.



### Column FolderID

The DBID of the Folder for the object.

### Column Type

The type of Script corresponding to the CfgScriptType enumeration in Configuration Server.

#DICTIONARY TYPE 513

### Column State

The object state corresponding to the CfgObjectState enumeration in Configuration Server. One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

#DICTIONARY TYPE 500

### Column Status

The status of the object described by the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

### Column Deleted

The GMT-equivalent date and time when the object was removed.

### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

### Column Created\_ts

The UTC-equivalent value of the CREATED field.



**Column Created\_tcode**

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

**Column Deleted\_ts**

The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Table GC\_SKILL**

This table stores information about the configuration of Skill objects.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				



### Column ID

The unique, auto-generated ID of this record. This is the primary key.

### Column Name

The name of the Skill object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server). One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

### #DICTIONARY TYPE 500

### Column Status

The status of the object described by the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

### #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

### Column Deleted

The GMT-equivalent date and time when this object was removed.

### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).



**Column Created\_ts**

The UTC-equivalent value of the CREATED field.

**Column Created\_tcode**

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

**Column Deleted\_ts**

The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Table GC\_SWITCH**

This table contains information about the configuration of Switch objects.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Name	NAME	varchar(255)		X		
Type	TYPE	int		X		
LinkType	LINKTYPE	int				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				



Name	Code	Data Type	P	M	F	AN
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of the record. This is the primary key.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column Name

The name of the configuration object.

### Column Type

The type of the Switch. This corresponds to the CfgSwitchType enumeration in Configuration Server. Refer to the Appendix for a complete listing of permissible values.

#DICTIONARY TYPE 501

### Column LinkType

The link type of the Switch. This corresponds to the CfgLinkType enumeration in Configuration Server. Refer to the Appendix for a complete listing of permissible values.

#DICTIONARY TYPE 502

### Column State

The object state. This corresponds to the CfgObjectState enumeration in Configuration Server. One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

#DICTIONARY TYPE 500



## Column Status

The status of the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24

## Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

## Column Deleted

The GMT-equivalent date and time when this object was removed.

## Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

## Column Created\_ts

The UTC-equivalent value of the CREATED field.

## Column Created\_tcode

A reference, derived from the value in the CREATED\_TS field, to a record in the G\_TIMECODE table.

## Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

## Column Deleted\_tcode

A reference, derived from the value in the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

## Column LastChange\_tcode

A reference, derived from the value in the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.



## Table GC\_TABLE\_ACCESS

This table stores information about the configuration of Table Access objects.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Description	DESCRIPTION	varchar(255)				
Type	TYPE	int		X		
FormatID	FORMATID	int			X	
UpdateTimeout	UPDATETIMEOUT	int				
TableName	TABlename	varchar(255)				
IsCachable	ISCACHABLE	int				
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, auto-generated ID of this record. This is the primary key.

### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.



## Column Description

Free format description

## Column Type

The type of the Switch. This corresponds to the CfgSwitchType enumeration in Configuration Server. Refer to the Appendix for a listing of permissible values.

#DICTIONARY TYPE 501

## Column FormatID

The DBID of the Format for this Table Access.

## Column UpdateTimeout

A timeout, in seconds, between updates of table data in the application memory partition.

## Column TableName

The name of the table in the database.

## Column IsCachable

An indicator of whether or not the table data is mirrored in the application memory partition. Corresponds to the CfgFlag enumeration in Configuration Server. One of the following values:

0 - Unknown

1 - True

2 - False

#DICTIONARY TYPE 509

## Column State

The object state. This corresponds to the CfgObjectState enumeration in Configuration Server. One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

#DICTIONARY TYPE 500

## Column Status

The status of the object described by the record. One of the following values:



- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#### #DICTIONARY TYPE 24

##### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

##### Column Deleted

The GMT-equivalent date and time when the object was removed.

##### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

##### Column Created\_ts

The UTC-equivalent value of the CREATED field.

##### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

##### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

##### Column Deleted\_tcode

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

##### Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

##### Column LastChange\_tcode

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

## Table GC\_TENANT

The table stores information about the configuration of Tenant objects.



## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
FolderID	FOLDERID	int				
Name	NAME	varchar(255)		X		
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column FolderID

The DBID of the folder for the object.

### Column Name

The name of the object.

### Column State

The object state. This corresponds to the CfgObjectState enumeration (Configuration Server). One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

#DICTIONARY TYPE 500



## Column Status

The status of the tenant. One of the following:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24

## Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

## Column Deleted

The GMT-equivalent date and time when the object was removed.

## Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

## Column Created\_ts

The UTC-equivalent value of the CREATED field.

## Column Created\_tcode

A reference, derived from the CREATED\_TS field, to a record in the G\_TIMECODE table.

## Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

## Column Deleted\_tcode

A reference, derived from the DELETED\_TS field, to a record in the G\_TIMECODE table.

## Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

## Column LastChange\_tcode

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.



## Table GC\_TIME\_ZONE

This table stores information about the configuration of Time Zone objects.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Description	DESCRIPTION	varchar(255)				
Offset_	OFFSET_	int				
State	STATE	int		X		
Status	STATUS	int		X		
IsDSTObserved	ISDSTOBSERVED	int				
DSTStartDate	DSTSTARTDATE	int				
DSTStopDate	DSTSTOPDATE	int				
NameNetscape	NAMENETSCAPE	varchar(255)				
NameMSExplorer	NAMEMSEXPLORER	varchar(255)				
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The auto-generated record ID.

### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.



### Column FolderID

The DBID of the Folder for the object.

### Column Description

Free format description

### Column Offset\_

The offset value from Greenwich Mean Time (GMT) for your time zone.

### Column State

The object state. This corresponds to the CfgObjectState enumeration in Configuration Server. One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

#DICTIONARY TYPE 500

### Column Status

The status of the object described by the record. One of the following values:

0 - the status is unknown - Reserved for when ICON is unable to determine record status

1 - record is active

2 - record is inactive (object is deleted)

10 - synchronization is in the progress for an active record

#DICTIONARY TYPE 24

### Column IsDSTObserved

A flag indicating whether Daylight Savings Time is observed for your time zone. This corresponds to the CfgFlag enumeration type in Configuration Server. One of the following values:

0 - Unknown

1 - True

2 - False

#DICTIONARY TYPE 509

### Column DSTStartDate

The start date and time for DST.



**Column DSTStopDate**

The stop date and time for DST.

**Column NameNetscape**

The Netscape Internet Browser name for the Time Zone.

**Column NameMSExplorer**

The Microsoft Internet Explorer name for the time zone.

**Column Created**

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

**Column Deleted**

The GMT-equivalent date and time when this object was removed.

**Column LastChange**

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

**Column Created\_ts**

The UTC-equivalent value of the CREATED field.

**Column Created\_tcode**

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

**Column Deleted\_ts**

The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.



## Table GC\_TREATMENT

This table stores information about Configuration Treatment objects.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Description	DESCRIPTION	varchar(255)				
CallResult	CALLRESULT	int		X		
RecActionCode	RECACTIONCODE	int				
Attempts	ATTEMPTS	int				
DateTime	DATE_TIME	int				
CycleAttempt	CYCLEATTEMPT	int				
Interval	INTERVAL_	int				
Increment_	INCREMENT_	int				
CallActionCode	CALLACTIONCODE	int				
Range	RANGE_	int				
DestDNID	DESTDNID	int			X	
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The auto-generated ID of this record.

### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.



### Column FolderID

The DBID of the Folder for the object.

### Column Description

Free format description

### Column CallResult

The call result related to this treatment. This corresponds to the GctiCallState enumeration in Configuration Server. Refer to the Appendix for a listing of permissible values.

#DICTIONARY TYPE 518

### Column RecActionCode

The record action code. Corresponds to the CfgRecActionCode enumeration in Configuration Server. One of the following values:

- 0 - Unknown Action
- 1 - No Treatment
- 2 - Update all records in chain
- 3 - Redial
- 4 - Retry in
- 5 - Retry at specified date
- 6 - Next in chain
- 7 - Next in chain after
- 8 - Next in chain at specified date
- 9 - Assign to Group
- 10 - Mark as Agent Error
- 11 - Reschedule

#DICTIONARY TYPE 519

### Column Attempts

The attempt number to which the action should be performed.

### Column DateTime

The GMT-equivalent date and time when another attempt must be applied to a DN.

### Column CycleAttempt

The maximum number of sequential attempts for which the treatment can be applied to a DN.



### Column Interval

The time interval, in minutes, between attempts.

### Column Increment\_

The time in interval, in minutes, before the next treatment attempt.

### Column CallActionCode

The call action code. This corresponds to the CfgCallActionCode enumeration in Configuration Server. One of the following values:

0 - Unknown Action Code

1 - Connect

2 - Drop

3 - Mute Transfer

4 - Transfer

5 - Route

6 - Play a message

7 - Send a fax

8 - Send a page

9 - Send an e-mail

### #DICTIONARY TYPE 520

### Column Range

The parameter that defines a time range.

### Column DestDNID

The DBID of the DN to which the call with this call result will be forwarded or routed.

### Column State

The object state. This corresponds to the CfgObjectState enumeration in Configuration Server. One of the following values:

0 - unknown - Reserved for when ICON is unable to determine object state.

1 - enabled

2 - disabled

### #DICTIONARY TYPE 500

### Column Status

The status of the record. One of the following values:



- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

#### #DICTIONARY TYPE 24

##### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

##### Column Deleted

The GMT-equivalent date and time when this object was deleted.

##### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

##### Column Created\_ts

The UTC-equivalent value of the CREATED field.

##### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

##### Column Deleted\_ts

The UTC-equivalent value of the DELETED field.

##### Column Deleted\_tcode

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

##### Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

##### Column LastChange\_tcode

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

## Table GC\_VOICE\_PROMPT

This table stores information about the configuration of Configuration Voice Prompt objects.



## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int	X	X		
Name	NAME	varchar(255)		X		
TenantID	TENANTID	int		X	X	
FolderID	FOLDERID	int				
Description	DESCRIPTION	varchar(255)				
SwitchID	SWITCHID	int			X	
ScriptID	SCRIPTID	int			X	
State	STATE	int		X		
Status	STATUS	int		X		
Created	CREATED	datetime				
Deleted	DELETED	datetime				
LastChange	LASTCHANGE	datetime				
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Deleted_ts	DELETED_TS	int				
Deleted_tcode	DELETED_TCODE	int				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The auto-generated ID of this record.

### Column Name

The name of the object.

### Column TenantID

The DBID of the Tenant to which this object belongs.

### Column FolderID

The DBID of the Folder for the object.

### Column Description

Free format description



### Column SwitchID

The DBID of the Switch to which this VoicePrompt is dedicated.

### Column ScriptID

The DBID of the Script that is assigned to this Voice Prompt.

### Column State

The object state. This corresponds to the CfgObjectState enumeration in Configuration Server. One of the following values:

- 0 - unknown - Reserved for when ICON is unable to determine object state.
- 1 - enabled
- 2 - disabled

### #DICTIONARY TYPE 500

### Column Status

The status of the object described by the record. One of the following values:

- 0 - the status is unknown - Reserved for when ICON is unable to determine record status
- 1 - record is active
- 2 - record is inactive (object is deleted)
- 10 - synchronization is in the progress for an active record

### #DICTIONARY TYPE 24

### Column Created

The GMT-equivalent date and time when the object was written to IDB. This is not necessarily the actual creation time of the object.

### Column Deleted

The GMT-equivalent date and time when the object was removed.

### Column LastChange

The GMT-equivalent date and time when the object was last changed (including object creation or removal).

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.



**Column Deleted\_ts**

The UTC-equivalent value of the DELETED field.

**Column Deleted\_tcode**

A reference, derived from the value of the DELETED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Table GSYS\_DNPRemoteLocation**

This table contains information about the remote locations involved in an interaction. The presence of a record in this table indicates that the G\_IS\_LINK table in this database will not contain information about the linked part of the association (no pair). The merge stored procedure uses this information to determine whether or not to expect to receive additional information about the interaction on the other end of the IS-LINK.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID RemoteLocation	ID REMOTELLOCATION	numeric(6) varchar(255)		X		

**Column ID**

The unique ID of this record. For DB2 and Microsoft SQL Server, this field is auto-generated by the DBMS. For Oracle, you must provide a unique ID.

**Column RemoteLocation**

The name of the remote switch whose interaction handling is not recorded in this IDB.

**Table GSYS\_SYSPROCINFO**

This is an internal table exclusively for ICON use. Please do not modify records in this table or this table's structure.

**Column List**

Name	Code	Data Type	P	M	F	AN
DOMAINID	DOMAINID	int	X	X		
PRIMARYID	PRIMARYID	int	X	X		
PROVIDERTAG	PROVIDERTAG	int	X	X		
TRANSACTION_ID	TRANSACTION_ID	bigint				



Name	Code	Data Type	P	M	F	AN
TRANSACTION_TS	TRANSACTION_TS	datetime				
SEQPROCESSED	SEQPROCESSED	bigint		X		
PROCNAME	PROCNAME	varchar(40)	X	X		

**DOMAINID**

Reserved for internal use.

**PRIMARYID**

Reserved for internal use.

**Column PROVIDERTAG**

The ID of the provider class. One of the following values:

- 0 - unknown - Reserved
- 1 - gcc - Call control information provider
- 2 - gls - Login session information provider
- 3 - gud - User data information provider
- 4 - gos - Outbound extensions information provider
- 5 - cfg - Configuration information provider
- 6 - vq - Virtual queue information provider

**#DICTIONARY TYPE 26****TRANSACTION\_ID**

Reserved for internal use.

**TRANSACTION\_TS**

Reserved for internal use.

**SEQPROCESSED**

Reserved for internal use.

**PROCNAME**

Reserved for internal use.

**Table GS\_AGENT\_STAT**

This table contains the duration of agent state metrics. The unique identifier of the record is the combination of the LoginSessionID, EndPointID, and QueueID fields. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.



## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
LoginSessionID	LOGINSESSIONID	varchar(50)		X		
EndPointID	ENDPOINTID	int		X		
QueueID	QUEUEID	int				
AgentID	AGENTID	integer				
Duration_Ready	DURATION_READY	int		X		
DurationNotReady	DURATIONNOTREADY	int				
DurationACW	DURATIONACW	int				
DurationBusy	DURATIONBUSY	int		X		
LastChange	LASTCHANGE	datetime				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column LoginSessionID

The agent's login session ID (GUID). Same as G\_LOGIN\_SESSION.LOGINSESSIONID.

### Column EndPointID

The DBID of the agent's endpoint (DN) configuration object. This value is 0 for interactions originating from Interaction Server.

### Column QueueID

The DBID of the queue (ACDQ) configuration object in Configuration Server. This value is 0 for interactions originating from Interaction Server.

### Column AgentID

The DBID of the agent (Person) configuration object in Configuration Server. This value is 0 if a Person object is not configured.



**Column Duration\_Ready**

The duration of the agent's ready state, in seconds, during the agent's login session.

**Column DurationNotReady**

The duration of the agent's notready state, in seconds, during the agent's login session.

**Column DurationACW**

The duration of the agent's ACW state, in seconds, during the agent's login session.

**Column DurationBusy**

The duration of the agent's busy state, in seconds, during the agent's login session.

**Column LastChange**

The GMT-equivalent date and time when the record was created or updated. This is taken from the T-Server event that generates the update for this metric. If the update of the agent's metrics during login session is disabled, this value will always hold the same value as that in the ADDED field.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGE field.

**Column LastChange\_tcode**

A reference, derived from the value in the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

**Column Added**

The GMT-equivalent date and time when the record was inserted. This is taken from the last event related to the agent's login session.

**Column Added\_ts**

The UTC-equivalent value of the ADDED field.

**Column Added\_tcode**

A reference, derived from the value in the ADDED\_TS field, to a record in the G\_TIMECODE table.

**Index List**

Code	U	C	Table
IDX_GS_AGENT_STAT_SID	X		GS_AGENT_STAT

**Table GS\_AGENT\_STAT\_WM**

This table contains the duration of agent workmode metrics. The unique identifier of the record is the combination



of the LoginSessionID, EndPointID, and QueueID fields. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
LoginSessionID	LOGINSESSIONID	varchar(50)		X		
EndPointID	ENDPOINTID	int		X		
QueueID	QUEUEID	int				
AgentID	AGENTID	integer				
State	STATE	int				
Duration_UNKNOWN	DURATION_UNKNOWN	int				
Duration_AUX	DURATION_AUX	int				
Duration_LegalGuard	DURATION_LEGALGUARD	int				
Duration_GoAway	DURATION_GOAWAY	int				
Duration_ReturnBack	DURATION_RETURNBACK	int				
LastChange	LASTCHANGE	datetime				
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
Added	ADDED	datetime				
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record.

### Column LoginSessionID

The agent's login session ID (GUID). Same as G\_LOGIN\_SESSION.LOGINSESSIONID.

### Column EndPointID

The DBID of the agent's endpoint (DN) configuration object in Configuration Server. This value is 0 for interactions originating from Interaction Server.

### Column QueueID

The DBID of the queue (ACDQ) configuration object in Configuration Server. This value is 0 for interactions originating from Interaction Server.



### Column AgentID

The DBID of the agent (person) configuration object in Configuration Server. This value is 0 if a Person object is not configured.

### Column State

The Agent's state: Login, ready, notready, ACW, or busy.

### Column Duration\_UNKNOWN

The duration of the agent's state during the agent's login session with a workmode of UNKNOWN.

### Column Duration\_AUX

The duration of the agent's state during the agent's login session with a workmode of AuxWork.

### Column Duration\_LegalGuard

The duration of the agent's state during the agent's login session with a workmode of LegalGuard.

### Column Duration\_GoAway

The duration of the agent's state during the agent's login session with a workmode of Goaway.

### Column Duration\_ReturnBack

The duration of the agent's state during the agent's login session with a workmode of returnback.

### Column LastChange

The GMT-equivalent date and time when the record was created or updated. This value is taken from the T-Server event that produces the update of this metric. If the update of the agent's metrics during login session is disabled, then this value will be the same as that in the ADDED field.

### Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

### Column LastChange\_tcode

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

### Column Added

The GMT-equivalent date and time when the record was inserted. This value is taken from the last T-Server event related to the agent's login session.

### Column Added\_ts

The UTC-equivalent value of the ADDED field.



## Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_AGENT_STAT_WM_SID	X		GS_AGENT_STAT_WM

## Table GX\_SESSION\_ENDPOINT

This table contains records that reflect the associations between endpoints and the login session. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
AgentID	AGENTID	int			X	
EndPointID	ENDPOINTID	int			X	
EndPointType	ENDPOINTTYPE	int				
QueueID	QUEUEID	int				
QueueType	QUEUETYPE	int				
PlaceID	PLACEID	int				
LoginSessionID	LOGINSESSIONID	varchar(50)		X		
State	STATE	int		X		
Type	TYPE	int		X		
Created	CREATED	datetime		X		
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Terminated	TERMINATED	datetime				
Terminated_ts	TERMINATED_TS	int				
Terminated_tcode	TERMINATED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

## Column ID

The unique, autonumbered ID of the record. This is the primary key.

## Column AgentID

The DBID of the agent (Person) configuration object. This always has the same value as in the related record in the G\_LOGIN\_SESSION table.



### Column EndPointID

The DBID of the agent's endpoint (DN) configuration object in Configuration Server. This value is 0 for interactions originating from Interaction Server.

### Column EndPointType

The type of the endpoint (DN), as specified in Configuration Server. This value is 0 for interactions originating from Interaction Server.

### Column QueueID

If the association between the agent's DN and a particular queue (ACDQ) is detected, then this field contains the DBID of the Queue (DN with type ACDQ) configuration object. This value is 0 for interactions originating from Interaction Server.

### Column QueueType

The type of the Queue (DN), as specified in Configuration Server. This field is not applicable 0 for interactions originating from Interaction Server.

### Column PlaceID

The DBID of the Place configuration object in Configuration Server, if a Place object is configured.

### Column LoginSessionID

The agent's login session ID (GUID). The same value as stored in G\_LOGIN\_SESSION.LOGINSESSIONID.

### Column State

The state of the association between the Endpoint and the Queue, in the agent's login session. May be active or terminated. If the agent logs out from a queue, with the login session not yet finished, then just the record related to the queue will be marked as terminated. One of the following values:

0 - terminated

1 - active

#DICTIONARY TYPE 82

### Column Type

The type of the record. One of the following values:

1 - agent\_dn - the record was added without information about queue

2 - queue - the record was added with queue specified

3 - media - the record was added with specified media

#DICTIONARY TYPE 12



### Column Created

The GMT-equivalent date and time when the association between endpoint (or endpoint and queue) and the agent's login session is detected.

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Terminated

The GMT-equivalent date and time when the record was terminated; that is, the date and time when the association no longer exists.

### Column Terminated\_ts

The UTC-equivalent value of the TERMINATED field.

### Column Terminated\_tcode

A reference, derived from the value of the TERMINATED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_SN_ENDP_AGID			GX_SESSION_ENDPOINT
IDX_SN_ENDP_LSEP			GX_SESSION_ENDPOINT

## Table G\_AGENT\_STATE\_HISTORY

This table contains detailed information about state changes during the agent's login session. The records inserted into this table include:

- changes to the agent's state.
- changes to the agent's pending state.
- changes to the agent's workmode.
- changes to the agent's hardware reason code.
- indication that the agent connected to a call.
- indication the agent disconnected from a call.

The setting of the gls-enable-acw-busy and gls-acw-first configuration options may affect the values of certain fields in this table. The setting of configuration options in the [filter-data] section may also impact records in this table. Refer to the *Interaction Concentrator 7.6 User's Guide* for a description of the gls-enable options and those options available in the [filter-data] section.



## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
Type	TYPE	int		X		
State	STATE	int		X		
PendingState	PENDINGSTATE	int				
Seq	SEQ	int		X		
LSeq	LSEQ	int				
PSeq	PSEQ	int				
PrevState	PREVSTATE	int				
PrevSEnter	PREVSEENTER	datetime				
PrevSEnter_ts	PREVSEENTER_TS	int				
PrevSEnter_tcode	PREVSEENTER_TCODE	int				
Cause	CAUSE	int				
AgentStateCondition	AGENTSTATECONDITION	int				
WorkMode	WORKMODE	int				
ReasonCode	REASONCODE	varchar(255)				
SysReason	SYSREASON	int				
AgentID	AGENTID	int			X	
LoginID	LOGINID	int				
EndPointID	ENDPOINTID	int				
QueueID	QUEUEID	int				
PlaceID	PLACEID	int				
LoginSessionID	LOGINSESSIONID	varchar(50)				
PartyID	PARTYID	varchar(50)				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of the record. This is the primary key.

### Column Type

The type of the record. One of the following values:

-1 - unknown

0 - normal - Reserved

5 - state - records of this type track changes of agent's state

6 - pending\_state - records of this type track changes of agent's pending state(when agent's state remains the same)

7 - add\_party - records of this type track addition(one by one) of parties connected with the agent (at least one



party is already connected)

8 - rem\_party - records of this type track removal(one by one) of parties connected with the agent (at least one party is still connected)

9 - state\_forced - records of this type track changes of agent's state that were forced by information received for another device

10 - pending\_forced - records of this type track changes of agent's pending state that were forced by information received for another device

11 - reason - records of this type track changes of agent's workmode (when agent's state remains the same)

12 - reason\_code - records of this type track changes of reason codes of agent's state(when agent's state and workmode remain the same)

#### #DICTIONARY TYPE 13

##### Column State

The state of the agent on the device (endpointid) against a queue (queueid), or the previous state in G\_AGENT\_STATE\_HISTORY table. One of the following values:

0 - null - agent is logged off

1 - login - agent is logged in, but no information whether the agent is ready to receive calls

2 - notready - agent is not ready to receive calls

3 - ready - agent is ready to receive calls

4 - acw - agent is in after call work state

5 - busy - agent is on the call

6 - unknown - agent's login session is present, but ICON has no information about agent's state (due to disconnect from t-server, etc)

#### #DICTIONARY TYPE 16

##### Column PendingState

The pending state of the agent (if known). The agent's state will be changed to this state after the current state finishes. One of the following values:

0 - null - No pending state at the time

2 - notready - Not ready

3 - ready - Ready

4 - acw - After call work

#### #DICTIONARY TYPE 17

##### Column Seq

The sequence number of the state changes record. Each time that an agent's state on a device changed (against queue, if specified), this field has the next value.



### Column LSeq

The sequence number of the record within the a given login session.

### Column PSeq

The sequence number of the record within the same state. If a pending state changed, this field has the next value. Records that reflect state changes have 0 in this field. Records that reflect pending state changes have a non-zero value in this field.

### Column PrevState

State of the agent on device (endpointid) against queue (queueid), or previous state in G\_AGENT\_STATE\_HISTORY table. One of the following values:

- 0 - null - agent is logged off
- 1 - login - agent is logged in, but no information whether the agent is ready to receive calls
- 2 - notready - agent is not ready to receive calls
- 3 - ready - agent is ready to receive calls
- 4 - acw - agent is in after call work state
- 5 - busy - agent is on the call
- 6 - unknown - agent's login session is present, but ICON has no information about agent's state (due to disconnect from t-server, etc)

### #DICTIONARY TYPE 16

### Column PrevSEnter

The GMT-equivalent date and time when the previous agent state was detected.

### Column PrevSEnter\_ts

The UTC-equivalent value of the PREVSEnter field.

### Column PrevSEnter\_tcode

A reference, derived from the value of the PREVSEnter\_TS field, to a record in the G\_TIMECODE table.

### Column Cause

The cause of creation of the record

- 0 - nocause - No cause - reserved for future use
- 1 - normal - the record was added as result of a t-event that was received for the endpoint specified in the record
- 2 - forced\_pause - Reserved
- 3 - forced\_transition - the record was added to reflect changes in the agent's state (for example: pending state or workmode) that were forced by information received for another endpoint, or that resulted from information taken from the pending state
- 4 - autowork - after call work has started



## #DICTIONARY TYPE 14

### Column AgentStateCondition

Additional, detailed information regarding the forced state change. One of the following values:

- 0 - nocondition - Reserved
- 1 - normal - the state change was not forced
- 2 - forced\_by\_another\_device - the state change was forced by another device
- 3 - forced\_by\_pending\_state - the state change was forced by pending state
- 4 - forced\_by\_connection\_info - the state change was forced by information in EventRegistered or was a result of disconnection from T-Server

## #DICTIONARY TYPE 15

### Column WorkMode

The workmode of the agent state as reported by T-Server. One of the following values:

- 0 - unknown - Reserved for cases when ICON and/or T-Server is unable to determine WORKMODE
- 1 - manualin - (AgentManualIn) the agent has to perform a manual operation to become available
- 2 - autoin - (AgentAutoIn) the switch's control system decides agent availability
- 3 - aftercallwork - (AfterCallWork) the state where a device, on behalf of an agent, is no longer involved with an ACD call. While in this state, the agent is performing administrative duties for a previous call and cannot receive further calls from the ACD
- 4 - auxwork - (AgentAuxWork) auxiliary work, the agent is not ready to receive calls (specific to the G3 switch only)
- 6 - walkaway - (Walk Away) the state where an agent is logged in to an ACD group, but is understood not to be at his station, and thus not prepared to handle calls that the ACD distributes
- 7 - returnback - (AgentReturnBack) the agent has indicated his return to the agent workstation (only used for transition from Walk Away state)

## #DICTIONARY TYPE 18

### Column ReasonCode

The hardware reason code value (switch reason code) by the value of the key ReasonCode in the Extensions section.

### Column SysReason

The system reason. An internal ICON reason to create a record.

### Column AgentID

The DBID of the agent (person) configuration object.



**Column LoginID**

The DBID of the Login (the AgentID in the configuration database) on the switch.

**Column EndPointID**

The DBID of the agent's endpoint (DN) configuration object in Configuration Server.

**Column QueueID**

The DBID of the queue (ACDQ) configuration object in CME, where the agent logged in. A value of 0 (zero) indicates that no queue is specified for this record.

**Column PlaceID**

The DBID of the place configuration object (if configured). This is the place where the agent logged in.

**Column LoginSessionID**

The ID (GUID) of the agent's login session. Refer to the record in G\_LOGIN\_SESSION.

**Column PartyID**

The PartyID (GUID) of the party that is related to the record. Refer to G\_PARTY. The PartyID can be either the party that connected with the agent or the party for the detected ACW state.

**Column Added**

The GMT-equivalent date and time when information about an agent's change of agent's state was detected.

**Column Added\_ts**

The UTC-equivalent value of the ADDED field.

**Column Added\_tcode**

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.

**Table G\_AGENT\_STATE\_RC**

The agent states reason codes. Records are inserted when either a hardware or software reason code finishes on an agent's state. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
SessionID	SESSIONID	varchar(50)		X		
EndPointID	ENDPOINTID	int		X		
QueueID	QUEUEID	int				



Name	Code	Data Type	P	M	F	AN
AgentState	AGENTSTATE	int		X		
WorkMode	WORKMODE	int		X		
HWFlag	HWFLAG	smallint		X		
KeyName	KEYNAME	varchar(255)		X		
Value	VALUE	varchar(255)				
LSeq	LSEQ	int		X		
FSeq	FSEQ	int		X		
Seq	SEQ	int		X		
Created	CREATED	datetime		X		
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Terminated	TERMINATED	datetime		X		
Terminated_ts	TERMINATED_TS	int				
Terminated_tcode	TERMINATED_TCODE	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_TC	GSYS_TC	int				
GSYS_TS	GSYS_TS	datetime				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column SessionID

The ID (GUID) of the agent's login session. Refer to the corresponding record in G\_LOGIN\_SESSION.

### Column EndPointID

The DBID of the Endpoint. This value is 0 for interactions originating from Interaction Server.

### Column QueueID

The DBID of the Queue configuration object where the agent logged in. This value is 0 for interactions originating from Interaction Server.

### Column AgentState

The agent state provided by the reason code. Refer to the G\_AGENT\_STATE\_HISTORY table.

### Column WorkMode

The workmode of the Agent state provided by the reason code.



### Column HWFlag

This flag indicates whether the reason code is hardware or software. One of the following values:

0 - false - it is a software reason

1 - true - it is a hardware reason

#DICTIONARY TYPE 83

### Column KeyName

The key of the reason code. This always has a value of ReasonCode for a hardware reason code. It contains the full path to the key for a software reason code.

### Column Value

Value of the reason code.

### Column LSeq

The sequence number of the Agent state change within an Agent Login Session. It has the same value as the related record in the G\_AGENT\_STATE\_HISTORY table.

### Column FSeq

Reserved for future use.

### Column Seq

The sequence number of the reason code record within a login session.

### Column Created

The GMT-equivalent date and time when the reason code was detected.

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Terminated

The GMT-equivalent date and time when the finish of the reason code was detected.

### Column Terminated\_ts

The UTC-equivalent value of the TERMINATED field.



## Column Terminated\_tcode

A reference, derived from the value of the TERMINATED\_TS field, to a record in the G\_TIMECODE table.

## Table G\_CALL

This table contains information regarding the latest state of the interaction, according to information received from either the T-Server or Interaction Server applications.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CallID	CALLID	varchar(50)		X		
ParentCallID	PARENTCALLID	varchar(50)			X	
MergeCallID	MERGECALLID	varchar(50)				
MergeType	MERGETYPE	int				
ConnID	CONNID	varchar(50)				
ConnIDnum	CONNIDNUM	numeric(20)				
SwitchCallID	SWITCHCALLID	int				
IRID	IRID	varchar(50)			X	
RootIRID	ROOTIRID	varchar(50)				
State	STATE	int				
CallType	CALLTYPE	int				
MediaType	MEDIATYPE	int				
SwitchID	SWITCHID	int				
TenantID	TENANTID	int				
CallANI	CALLANI	varchar(50)				
CallDNIS	CALLDNIS	varchar(50)				
Created	CREATED	datetime		X		
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Terminated	TERMINATED	datetime				
Terminated_ts	TERMINATED_TS	int				
Terminated_tcode	TERMINATED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

## Column ID

The unique, autonumbered ID of this record. This is the primary key.

## Column CallID

The unique ID of the interaction. The lxnGUID.



### Column ParentCallID

The ID of the parent interaction. This is primary call UUID for consultation call interactions.

### Column MergeCallID

The actual call UUID of a target call, in a conference or a transfer interaction. This value may differ from that in the ParentCallID field. This value will be unspecified for multimedia interactions.

### Column MergeType

The type of the link between this interaction and the parent interaction. This value will be unspecified for multimedia interactions. One of the following values:

- 1 - unknown
- 0 - bridged
- 1 - connection\_cleared
- 2 - delivered
- 3 - established
- 4 - failed
- 5 - held
- 6 - offered
- 7 - originated
- 8 - queued
- 9 - retrieved
- 10 - service\_initiated
- 11 - transferred
- 12 - conferenced
- 13 - diverted

### #DICTIONARY TYPE 30

### Column ConnID

The current connection ID. This value will be unspecified for multimedia interactions.

### Column ConnIDnum

The numeric representation of the connection ID. This value will be unspecified for multimedia interactions.

### Column SwitchCallID

The switch-specific call ID. This value will be unspecified for multimedia interactions.

### Column IRID

The reference to the entry in the interaction segments hierarchy (G\_IR table).



### Column RootIRID

A reference to the first interaction segment in the interaction hierarchy (G\_IR table).

### Column State

The call state. One of the following values:

- 0 - unknown - Reserved
- 1 - active - The interaction is active
- 2 - terminated - The interaction has been terminated

#DICTIONARY TYPE 4

### Column CallType

The interaction's type. One of the following values:

- 0 - unknown - Reserved for cases when ICON is unable to determine the interaction's type
- 1 - internal
- 2 - inbound
- 3 - outbound
- 4 - consult

#DICTIONARY TYPE 5

### Column MediaType

The media type of this interaction. One of the following values:

- 0 - unknown - Reserved for cases when ICON is unable to determine media type
- 1 - voice
- 2 - email
- 3 - chat
- 1000 - open media

#DICTIONARY TYPE 6

### Column SwitchID

The DBID of the Switch. This value will be unspecified for interactions originating from Interaction Server.

### Column TenantID

The DBID of the Tenant.



**Column CallANI**

The Automatic Number Identification, as reported by the T-Server.

**Column CallDNIS**

The directory number to which the call was made, the DNIS, as reported by the T-Server. This value will be empty for multimedia interactions.

**Column Created**

The GMT-equivalent date and time when the interaction was initiated, as reported by T-Server or Interaction Server.

**Column Created\_ts**

The UTC-equivalent value of the CREATED field.

**Column Created\_tcode**

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

**Column Terminated**

The GMT-equivalent date and time when the interaction was terminated.

**Column Terminated\_ts**

The UTC-equivalent value of the TERMINATED field.

**Column Terminated\_tcode**

A reference, derived from the value of the TERMINATED\_TS field, to a record in the G\_TIMECODE table.

**Index List**

Code	U	C	Table
IDX_G_CALL_PCID	X		G_CALL
IDX_G_CALL_MRGCID			G_CALL
IDX_G_CALL_ROOTIRID_			G_CALL
IDX_G_CALL_CID			G_CALL
IDX_G_CALL_USEQ			G_CALL
IDX_G_CALL_SEQ			G_CALL

**Table G\_CALL\_HISTORY**

This table contains chronological information on all of the states of voice interactions, according to data received from T-Server. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.



## Column List

Name	Code	Data Type	P	M	F	AN
CHID	CHID	numeric(16)	X	X		X
CallID	CALLID	varchar(50)		X	X	
CSeq	CSEQ	int		X		
ChangeType	CHANGETYPE	int				
RefID	REFID	varchar(50)				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column CHID

The call history record ID. This is the primary key.

### Column CallID

The call UUID, as provided by the server.

### Column CSeq

The call history record sequence number, from the call creation time.

### Column ChangeType

The type of change of call state

- 1 - call\_created
- 2 - call\_terminated
- 3 - call\_merged - Call merge (to another)
- 4 - call\_trfailed - Call scenario error

### #DICTIONARY TYPE 1

### Column RefID

The reference to the call that is left after the merge operation (transfer or conference) for the call terminated record. This field is null otherwise.



### Column Added

The GMT-equivalent date and time when the record was added. The time is taken from the T-Server event, which triggers the creation of the call history record.

### Column Added\_ts

The UTC-equivalent value of the ADDED field.

### Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.

### Index List

Code	U	C	Table
IDX_G_CALL_H_CID			G_CALL_HISTORY

## Table G\_CALL\_STAT

This table contains information regarding voice call statistics, which are summarized upon completion of the call. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CallID	CALLID	varchar(50)		X		
F_CONN	F_CONN	smallint				
F_CONN_EXTN	F_CONN_EXTN	smallint				
F_TE_ABND	F_TE_ABND	smallint				
CNT_HOLD	CNT_HOLD	smallint				
CNT_DIVERT	CNT_DIVERT	smallint				
CNT_TRANSFER	CNT_TRANSFER	smallint				
CNT_TRANSFER_LGIN	CNT_TRANSFER_LGIN	smallint				
CNT_CONFERENCE	CNT_CONFERENCE	smallint				
T_DURATION	T_DURATION	int				
T_CONN	T_CONN	int				
T_CONN_EXTN	T_CONN_EXTN	int				
T_TE_ABND	T_TE_ABND	int				
TT_ALERTING	TT_ALERTING	int				
TT_CONNECTED	TT_CONNECTED	int				
TT_HOLD	TT_HOLD	int				
TT_QUEUED	TT_QUEUED	int				
CM_EXT_1	CM_EXT_1	int				
CM_EXT_2	CM_EXT_2	int				
CM_EXT_3	CM_EXT_3	int				
CM_EXT_4	CM_EXT_4	int				
CM_EXT_5	CM_EXT_5	int				
CM_EXT_6	CM_EXT_6	int				
CM_EXT_7	CM_EXT_7	int				
CM_EXT_8	CM_EXT_8	int				
CM_EXT_9	CM_EXT_9	int				



Name	Code	Data Type	P	M	F	AN
CM_EXT_10	CM_EXT_10	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column CallID

The unique ID of the call. The lxnGUID.

### Column F\_CONN

This flag is set to TRUE if at least one INTERNAL or EXTERNAL party in a call changed state to CONNECTED with call control event CallControlEvent\_Established.

### Column F\_CONN\_EXTN

This flag is set to TRUE if at least one INTERNAL party in a call changed state to LocalConnectionState\_connected with call control event CallControlEvent\_Established, and this party was on the device of type "Extension" or "ACD Position".

### Column F\_TE\_ABND

This flag is set to TRUE if EventAbandoned was reported by T-Server on the call.

### Column CNT\_HOLD

This is the number of times an internal party in a call changed state to hold, with a call control event Held.

### Column CNT\_DIVERT

This is the number of times an internal party in a call changed state to null, with a call control event Diverted.

### Column CNT\_TRANSFER

This is the number of times a SingleStepTransfer or a TwoStepTransfer was reported in a call.

### Column CNT\_TRANSFER\_LGIN

This is the number of times a call was transferred by the party which was on the device that has the agent logged in.



**Column CNT\_CONFERENCE**

This is the number of times that a two-step conference was reported in a call.

**Column T\_DURATION**

This is the duration of the time interval from initiation to termination of the call.

**Column T\_CONN**

This is the duration of the time interval from initiation of the call to the moment when the F\_CONN flag is set to TRUE. If the F\_CONN flag is not set to true, then the value of T\_CONN is 0.

**Column T\_CONN\_EXTN**

This is the duration of the time interval from the initiation of the call to the moment when F\_CONN\_EXTN flag is set to TRUE. If the F\_CONN\_EXTN flag is not set to true, the value of T\_CONN\_EXTN is 0.

**Column T\_TE\_ABND**

This is the duration of the time interval from the initiation of the call to the moment when the F\_TE\_ABND flag is set to TRUE. If the F\_TE\_ABND flag is not set to true, then the value of T\_TE\_ABND is 0.

**Column TT\_ALERTING**

This is the sum of all the time interval durations if there was at least one internal party in a call in the ALERTING state.

**Column TT\_CONNECTED**

This is the sum of all the time intersections when all parties in a call were simultaneously in a CONNECTED state.

**Column TT\_HOLD**

This is the sum of all the time interval durations when there was at least one internal party in a call in the HOLD state.

**Column TT\_QUEUED**

This is the sum of all the time interval durations when there was at least one internal party in a call in the QUEUED state.

**Column CM\_EXT\_1 through CM\_EXT\_10**

Reserved

**Index List**

Code	U	C	Table
IDX_G_CALL_STAT_CID	X		G_CALL_STAT



## Table G\_CALL\_USERDATA

This table stores the principal information regarding user data that is attached to voice call interactions.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CALLID	CALLID	varchar(50)		X		
G_CUSTOMER_SEGMENT	G_CUSTOMER_SEGMENT	varchar(255)				
G_SERVICE_TYPE	G_SERVICE_TYPE	varchar(255)				
G_SERVICE_SUBTYPE	G_SERVICE_SUBTYPE	varchar(255)				
G_BUSINESS_RESULT	G_BUSINESS_RESULT	varchar(255)				
CUSTOMER_ID	CUSTOMER_ID	varchar(255)				
TRANSACTION_ID	TRANSACTION_ID	varchar(255)				
CAUSE_ID	CAUSE_ID	varchar(255)				
ACCOUNT_ID	ACCOUNT_ID	varchar(255)				
DESTINATION_ID	DESTINATION_ID	varchar(255)				
TARGET_ID	TARGET_ID	varchar(255)				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column CALLID

The unique ID of the call interaction.

### Column G\_CUSTOMER\_SEGMENT

The value of the customer-segment attribute of userdata.

### Column G\_SERVICE\_TYPE

The value of the service-type attribute of userdata.

### Column G\_SERVICE\_SUBTYPE

The value of the service-subtype attribute of userdata.

### Column G\_BUSINESS\_RESULT

The value of the business-result attribute of userdata.



**Column CUSTOMER\_ID**

The value of the customer-id attribute of userdata.

**Column TRANSACTION\_ID**

The value of the transaction-id attribute of userdata.

**Column CAUSE\_ID**

The value of the cause-id attribute of userdata.

**Column ACCOUNT\_ID**

The value of the account-id attribute of userdata.

**Column DESTINATION\_ID**

The value of the destination-id attribute of userdata.

**Column TARGET\_ID**

The value of the target-id attribute of userdata.

**Index List**

Code	U	C	Table
IDX_CUSERDATA_CID	X		G_CALL_USERDATA

**Table G\_CALL\_USERDATA\_CUST**

The table contains custom-attribute information about user data attached to call interactions.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CALLID	CALLID	varchar(50)		X		
CUST_DATA_1	CUST_DATA_1	varchar(255)				
CUST_DATA_2	CUST_DATA_2	varchar(255)				
CUST_DATA_3	CUST_DATA_3	varchar(255)				
CUST_DATA_4	CUST_DATA_4	varchar(255)				
CUST_DATA_5	CUST_DATA_5	varchar(255)				
CUST_DATA_6	CUST_DATA_6	varchar(255)				
CUST_DATA_7	CUST_DATA_7	varchar(128)				
CUST_DATA_8	CUST_DATA_8	varchar(128)				
CUST_DATA_9	CUST_DATA_9	varchar(128)				
CUST_DATA_10	CUST_DATA_10	varchar(128)				
CUST_DATA_11	CUST_DATA_11	varchar(128)				
CUST_DATA_12	CUST_DATA_12	varchar(128)				
CUST_DATA_13	CUST_DATA_13	varchar(128)				
CUST_DATA_14	CUST_DATA_14	varchar(128)				
CUST_DATA_15	CUST_DATA_15	varchar(128)				



Name	Code	Data Type	P	M	F	AN
CUST_DATA_16	CUST_DATA_16	varchar(128)				
CUST_DATA_17	CUST_DATA_17	varchar(128)				
CUST_DATA_18	CUST_DATA_18	varchar(128)				
CUST_DATA_19	CUST_DATA_19	varchar(128)				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column CALLID

The unique ID of the interaction.

### Column CUST\_DATA\_1

The value of the cust-data-1 attribute of userdata.

### Column CUST\_DATA\_2

The value of the cust-data-2 attribute of userdata.

### Column CUST\_DATA\_3

The value of the cust-data-3 attribute of userdata.

### Column CUST\_DATA\_4

The value of the cust-data-4 attribute of userdata.

### Column CUST\_DATA\_5

The value of the cust-data-5 attribute of userdata.

### Column CUST\_DATA\_6

The value of the cust-data-6 attribute of userdata.

### Column CUST\_DATA\_7

The value of the cust-data-7 attribute of userdata.



**Column CUST\_DATA\_8**

The value of the cust-data-8 attribute of userdata.

**Column CUST\_DATA\_9**

The value of the cust-data-9 attribute of userdata.

**Column CUST\_DATA\_10**

The value of the cust-data-10 attribute of userdata.

**Column CUST\_DATA\_11**

The value of the cust-data-11 attribute of userdata.

**Column CUST\_DATA\_12**

The value of the cust-data-12 attribute of userdata.

**Column CUST\_DATA\_13**

The value of the cust-data-13 attribute of userdata.

**Column CUST\_DATA\_14**

The value of the cust-data-14 attribute of userdata.

**Column CUST\_DATA\_15**

The value of the cust-data-15 attribute of userdata.

**Column CUST\_DATA\_16**

The value of the cust-data-16 attribute of userdata.

**Column CUST\_DATA\_17**

The value of the cust-data-17 attribute of userdata.

**Column CUST\_DATA\_18**

The value of the cust-data-18 attribute of userdata.

**Column CUST\_DATA\_19**

The value of the cust-data-19 attribute of userdata.

**Index List**

Code	U	C	Table
IDX_CUDATA_CUST_CID	X		G_CALL_USERDATA_CUST



**Table G\_CALL\_USERDATA\_CUST1**

This table stores additional custom-attribute information regarding the user data that is attached to call interactions.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CALLID	CALLID	varchar(50)		X		
CUST_DATA_1	CUST_DATA_1	varchar(255)				
CUST_DATA_2	CUST_DATA_2	varchar(255)				
CUST_DATA_3	CUST_DATA_3	varchar(255)				
CUST_DATA_4	CUST_DATA_4	varchar(255)				
CUST_DATA_5	CUST_DATA_5	varchar(255)				
CUST_DATA_6	CUST_DATA_6	varchar(255)				
CUST_DATA_7	CUST_DATA_7	varchar(128)				
CUST_DATA_8	CUST_DATA_8	varchar(128)				
CUST_DATA_9	CUST_DATA_9	varchar(128)				
CUST_DATA_10	CUST_DATA_10	varchar(128)				
CUST_DATA_11	CUST_DATA_11	varchar(128)				
CUST_DATA_12	CUST_DATA_12	varchar(128)				
CUST_DATA_13	CUST_DATA_13	varchar(128)				
CUST_DATA_14	CUST_DATA_14	varchar(128)				
CUST_DATA_15	CUST_DATA_15	varchar(128)				
CUST_DATA_16	CUST_DATA_16	varchar(128)				
CUST_DATA_17	CUST_DATA_17	varchar(128)				
CUST_DATA_18	CUST_DATA_18	varchar(128)				
CUST_DATA_19	CUST_DATA_19	varchar(128)				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

**Column ID**

The unique, autonumbered ID of this record.

**Column CALLID**

The unique ID of this interaction.

**Column CUST\_DATA\_1**

The value of the cust-data-1 attribute of userdata.



**Column CUST\_DATA\_2**

The value of the cust-data-2 attribute of userdata.

**Column CUST\_DATA\_3**

The value of the cust-data-3 attribute of userdata.

**Column CUST\_DATA\_4**

The value of the cust-data-4 attribute of userdata.

**Column CUST\_DATA\_5**

The value of the cust-data-5 attribute of userdata.

**Column CUST\_DATA\_6**

The value of the cust-data-6 attribute of userdata.

**Column CUST\_DATA\_7**

The value of the cust-data-7 attribute of userdata.

**Column CUST\_DATA\_8**

The value of the cust-data-8 attribute of userdata.

**Column CUST\_DATA\_9**

The value of the cust-data-9 attribute of userdata.

**Column CUST\_DATA\_10**

The value of the cust-data-10 attribute of userdata.

**Column CUST\_DATA\_11**

The value of the cust-data-11 attribute of userdata.

**Column CUST\_DATA\_12**

The value of the cust-data-12 attribute of userdata.

**Column CUST\_DATA\_13**

The value of the cust-data-13 attribute of userdata.

**Column CUST\_DATA\_14**

The value of the cust-data-14 attribute of userdata.



**Column CUST\_DATA\_15**

The value of the cust-data-15 attribute of userdata.

**Column CUST\_DATA\_16**

The value of the cust-data-16 attribute of userdata.

**Column CUST\_DATA\_17**

The value of the cust-data-17 attribute of userdata.

**Column CUST\_DATA\_18**

The value of the cust-data-18 attribute of userdata.

**Column CUST\_DATA\_19**

The value of the cust-data-19 attribute of userdata.

**Index List**

Code	U	C	Table
IDX_CUDATA_CUST1_CID	X		G_CALL_USERDATA_CUST1

**Table G\_CALL\_USERDATA\_CUST2**

This table contains additional custom-attribute information regarding the user data that is attached to the call interactions.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CALLID	CALLID	varchar(50)		X		
CUST_DATA_1	CUST_DATA_1	varchar(255)				
CUST_DATA_2	CUST_DATA_2	varchar(255)				
CUST_DATA_3	CUST_DATA_3	varchar(255)				
CUST_DATA_4	CUST_DATA_4	varchar(255)				
CUST_DATA_5	CUST_DATA_5	varchar(255)				
CUST_DATA_6	CUST_DATA_6	varchar(255)				
CUST_DATA_7	CUST_DATA_7	varchar(128)				
CUST_DATA_8	CUST_DATA_8	varchar(128)				
CUST_DATA_9	CUST_DATA_9	varchar(128)				
CUST_DATA_10	CUST_DATA_10	varchar(128)				
CUST_DATA_11	CUST_DATA_11	varchar(128)				
CUST_DATA_12	CUST_DATA_12	varchar(128)				
CUST_DATA_13	CUST_DATA_13	varchar(128)				
CUST_DATA_14	CUST_DATA_14	varchar(128)				
CUST_DATA_15	CUST_DATA_15	varchar(128)				
CUST_DATA_16	CUST_DATA_16	varchar(128)				
CUST_DATA_17	CUST_DATA_17	varchar(128)				
CUST_DATA_18	CUST_DATA_18	varchar(128)				



Name	Code	Data Type	P	M	F	AN
CUST_DATA_19	CUST_DATA_19	varchar(128)				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column CALLID

The unique ID of the interaction.

### Column CUST\_DATA\_1

The value of the cust-data-1 attribute of userdata.

### Column CUST\_DATA\_2

The value of the cust-data-2 attribute of userdata.

### Column CUST\_DATA\_3

The value of the cust-data-3 attribute of userdata.

### Column CUST\_DATA\_4

The value of the cust-data-4 attribute of userdata.

### Column CUST\_DATA\_5

The value of the cust-data-5 attribute of userdata.

### Column CUST\_DATA\_6

The value of the cust-data-6 attribute of userdata.

### Column CUST\_DATA\_7

The value of the cust-data-7 attribute of userdata.

### Column CUST\_DATA\_8

The value of the cust-data-8 attribute of userdata.



Column CUST\_DATA\_9  
The value of the cust-data-9 attribute of userdata.

Column CUST\_DATA\_10  
The value of the cust-data-10 attribute of userdata.

Column CUST\_DATA\_11  
The value of the cust-data-11 attribute of userdata.

Column CUST\_DATA\_12  
The value of the cust-data-12 attribute of userdata.

Column CUST\_DATA\_13  
The value of the cust-data-13 attribute of userdata.

Column CUST\_DATA\_14  
The value of the cust-data-14 attribute of userdata.

Column CUST\_DATA\_15  
The value of the cust-data-15 attribute of userdata.

Column CUST\_DATA\_16  
The value of the cust-data-16 attribute of userdata.

Column CUST\_DATA\_17  
The value of the cust-data-17 attribute of userdata.

Column CUST\_DATA\_18  
The value of the cust-data-18 attribute of userdata.

Column CUST\_DATA\_19  
The value of the cust-data-19 attribute of userdata.

Index List

Code	U	C	Table
IDX_CUDATA_CUST2_CID	X		G_CALL_USERDATA_CUST2



## Table G\_DB\_PARAMETERS

This table contains information regarding some of the configuration parameters (such as the database schema version) that are used by ICON.

### Column List

Name	Code	Data Type	P	M	F	AN
SetId	SETID	int	X	X		
Sect	SECT	varchar(64)	X	X		
Opt	OPT	varchar(64)	X	X		
Val	VAL	varchar(255)				

### Column SetId

The ID of the parameter set. The default parameter set is 0.

### Column Sect

The name of the parameter section.

### Column Opt

The name of the parameter option.

### Column Val

The value of the parameter option.

## Table G\_DICTIONARY

This table contains a set of values for every enumeration class that is defined in the G\_DICT\_TYPE table. This table is populated by ICON initialization scripts. Refer to the Appendix for a complete listing of values for each dictionary type.

### Column List

Name	Code	Data Type	P	M	F	AN
DTYPE	DTYPE	int	X	X	X	
DID	DID	int	X	X		
DVALUE	DVALUE	varchar(128)		X		
DDESC	DDESC	varchar(255)				

### Column DTYPE

The identifier of the enumeration class as defined in the G\_DICT\_TYPE table.

### Column DID

The identifier of the specific value within the enumeration class.



## Column DVALUE

The name of the specific value that corresponds to the identifier.

## Column DDESC

The description of the enumeration value.

## Table G\_DICT\_TYPE

This table contains information regarding the classes of the enumeration types referenced in IDB tables. In running the ICON initialization scripts, this table gets populated with the following enumeration types:

- 1-Call History Change Type
- 2-Party History Change Type
- 3-IR History Change Type
- 4-Call States
- 5-Call types
- 6-Call media types
- 7-IR States
- 8-Local connection state
- 9-Party type
- 10-Party role
- 11-Party parent link type
- 12-Session Endpoint Type
- 13-Agent State History Type
- 14-Agent State History Cause
- 15-Agent State History Condition
- 16-Agent State History State
- 17-Agent State History Pending State
- 18-Agent State History WORKMODE
- 19-Attached Data Change Type
- 20-Attached Data Source
- 21-IS-Link current state
- 22-IS-Link history change type
- 23-IS-Link merge state
- 24-Configuration history tables status
- 25-HA\_CONTROL status
- 26-PROV\_CONTROL provider tag IDs
- 27-IS-Link type
- 28-Route result
- 29-Route target type
- 30-Call Control Event
- 31-Call Control Event Cause
- 32-Log message priority



33-Log message category  
34-Log message origin  
71-Campaign State  
73-System Reasons to Campaign termination  
75-OCS Event cause  
76-OCS Chain states  
77-OCS Metric types  
80-DND feature state  
81-Login Session state  
82-Association between Login Session and endpoint state  
83-Flag of HW reason code  
84-Possible system reasons in Login sessions  
85-Virtual Queue state cause  
86-Call Merge Types  
87-Reliability of Route Result  
88-Type of Stop Processing Actor  
500-Object State  
501-Switch type  
502-Switch link type  
504-DN Route type  
505-DN type  
506-Application type  
508-DN Group type  
509-Object flag  
513-Script type  
514-Action Code type  
515-Table Access type  
516-Field data type  
517-Field type  
518-GCTI Call State  
519-Treatment Action Code  
520-Treatment Call Action Code  
521-Campaign Group Dialing Mode  
522-Campaign Group Operation Mode  
523-Campaign Group Optimization Method  
524-IVR Type  
528-Object Type  
540-Group Type  
543-GCTI Record Type  
544-GCTI Record Status  
545-GCTI Contact Type  
555-DN Register Flag  
556-Enumerator Type



## Column List

Name	Code	Data Type	P	M	F	AN
DTYPE	DTYPE	int	X	X		
DNAME	DNAME	varchar(64)				
DDESC	DDESC	varchar(255)				

### Column DTYPE

The identifier of the enumeration class. The set of the enumeration class values is expanded in the G\_DICTIONARY tables.

### Column DNAME

The name of the enumerator class.

### Column DDESC

The description of the enumerator class.

## Table G\_DND\_HISTORY

This table stores information about the activation of the Do Not Disturb (DND) feature within an agent's session. The T-Server model registers DND events against individual DNs. For the Multimedia model, the DND feature can be activated or deactivated only for the agent's overall place, which may consist of more than one DN. As such, the ENDPOINTID field will always hold a value of 0 for interactions originating from Interaction Server. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
LoginSessionID	LOGINSESSIONID	varchar(50)		X		
AgentState	AGENTSTATE	int				
EndPointID	ENDPOINTID	int		X		
State	STATE	int		X		
PrevState	PREVSTATE	int				
PrevSEnter	PREVSEENTER	datetime				
PrevSEnter_ts	PREVSEENTER_TS	int				
PrevSEnter_tcode	PREVSEENTER_TCODE	int				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				



Name	Code	Data Type	P	M	F	AN
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column LoginSessionID

The agent's login session ID (GUID). The same value as stored in G\_LOGIN\_SESSION.LOGINSESSIONID.

### Column AgentState

The state of the agent on the device (endpointid) against a queue (queueid), or the previous state in G\_AGENT\_STATE\_HISTORY table. One of the following values:

0 - null - agent is logged off

1 - login - agent is logged in, but no information whether the agent is ready to receive calls

2 - notready - agent is not ready to receive calls

3 - ready - agent is ready to receive calls

4 - acw - agent is in after call work state

5 - busy - agent is on the call

6 - unknown - agent's login session is present, but ICON has no information about agent's state (due to disconnect from t-server, etc.)

#DICTIONARY TYPE 16

### Column EndPointID

The DBID of the DN object that is associated with this record. This value is 0 for interactions originating from an Interaction Server.

### Column State

Do-not-disturb feature state. One of the following values:

0 - clear - Do not disturb flag is not set

1 - set - Do not disturb flag is set

#DICTIONARY TYPE 80

### Column PrevState

State of the agent on device (endpointid) against queue (queueid), or previous state in G\_AGENT\_STATE\_HISTORY table. One of the following values:

0 - null - agent is logged off



- 1 - login - agent is logged in, but no information whether the agent is ready to receive calls
- 2 - notready - agent is not ready to receive calls
- 3 - ready - agent is ready to receive calls
- 4 - acw - agent is in after call work state
- 5 - busy - agent is on the call
- 6 - unknown - agent's login session is present, but ICON has no information about agent's state (due to disconnect from T-Server, etc)

#### #DICTIONARY TYPE 16

#### Column PrevSEnter

The GMT-equivalent date and time when the previous agent state was detected.

#### Column PrevSEnter\_ts

The UTC-equivalent value of the PREVSEnter field.

#### Column PrevSEnter\_tcode

A reference, derived from the value of the PREVSEnter\_TS field, to a record in the G\_TIMECODE table.

#### Column Added

The GMT-equivalent date and time when information about an agent's change of agent's state was detected.

#### Column Added\_ts

The UTC-equivalent value of the ADDED field.

#### Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.

## Table G\_HA\_CONTROL

This table contains information regarding the running of instances of ICON. It is used during HA consistency verification to ensure that no more than one instance of ICON in every HA pair is running in primary mode.

#### Column List

Name	Code	Data Type	P	M	F	AN
DomainID	DOMAINID	int	X	X		
PrimaryID	PRIMARYID	int	X	X		
PrimaryTag	PRIMARYTAG	int				
Status	STATUS	int				
HostInfo	HOSTINFO	varchar(255)				
StartTime	STARTTIME	datetime				
StopTime	STOPTIME	datetime				
GSYS_DOMAIN	GSYS_DOMAIN	int				



Name	Code	Data Type	P	M	F	AN
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column DomainID

Reserved

### Column PrimaryID

The DBID of the primary ICON in an HA pair. The primary ICON application writes this information.

### Column PrimaryTag

The tag that the primary ICON application uses to verify that no other ICON instance is running in primary mode.

### Column Status

The running status of this instance of ICON. One of the following values:

0 - unknown - Reserved

1 - running - Reserved

2 - stopped - Reserved

### #DICTIONARY TYPE 25

### Column HostInfo

The name of the host where this instance of ICON is running.

### Column StartTime

The GMT-equivalent date and time when this instance of ICON was started.

### Column StopTime

The GMT-equivalent date and time when this instance of ICON was stopped.

## Table G\_IR

This table contains information regarding the latest state of the interaction, according to the information supplied by a specific provider such as T-Server, Interaction Server, or Outbound Contact Server.



## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
IRID	IRID	varchar(50)		X		
State	STATE	int		X		
ParentIRID	PARENTIRID	varchar(50)				
ParentLinkType	PARENTLINKTYPE	int				
RootCallID	ROOTCALLID	varchar(50)		X	X	
RootIRID	ROOTIRID	varchar(50)				
MergeState	MERGESTATE	int				
Created	CREATED	datetime		X		
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Terminated	TERMINATED	datetime				
Terminated_ts	TERMINATED_TS	int				
Terminated_tcode	TERMINATED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				
GSYS_MSEQ	GSYS_MSEQ	bigint				
GSYS_MSEQ_TS	GSYS_MSEQ_TS	datetime				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column IRID

The Interaction Record ID. This is a unique ID assigned either by ICON for the interaction segment or interaction hierarchy for a single site call, or by a merge procedure for the interaction hierarchy for a multi-site call.

### Column State

The interaction record state. One of the following values:

0 - unknown - Reserved

1 - active - the interaction segment corresponds to an active call

2 - terminated - the interaction segment corresponds to a terminated call or an updated interaction hierarchy after a merge

### #DICTIONARY TYPE 7

### Column ParentIRID

A reference to the parent IRID. This is assigned as the result of a call merge operation (for example, a transfer or a



conference).

#### Column ParentLinkType

Reserved. This field holds a 0 value in the current interaction hierarchy model.

#### #DICTIONARY TYPE 11

#### Column RootCallID

This is used for local calls. It is a reference to the call for which this record was initiated. If this is the result of a merge procedure, an interaction record is created where this value refers to the first call in an interaction hierarchy.

#### Column RootIRID

A reference to the first record in an interaction hierarchy. The value is updated by a merge procedure.

#### Column MergeState

This is the result of a merge procedure execution. One of the following values:

- 1- Not\_processed - the record was not processed by a merge procedure.
- 2- Incomplete - the merge is in a pending state; not all of the data is available for the merge.
- 3 - Complete - the merge is complete; the interaction details hierarchy can be used for analysis.

#### #DICTIONARY TYPE 23

#### Column Created

The GMT-equivalent date and time when the record was initiated.

#### Column Created\_ts

The UTC-equivalent of the value of the CREATED field.

#### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to the G\_TIMECODE table.

#### Column Terminated

The GMT-equivalent time when the record was terminated.

#### Column Terminated\_ts

The UTC-equivalent of the value of the TERMINATED field.



**Column Terminated\_tcode**

A reference, derived from the value of the TERMINATED\_TS field, to the G\_TIMECODE table.

**Column GSYS\_MSEQ**

The sequence number that is assigned by the merge procedure.

**Column GSYS\_MSEQ\_TS**

The timestamp that is assigned by the merge procedure.

**Index List**

Code	U	C	Table
IDX_G_IR_PXID			G_IR
IDX_G_IR_RCID			G_IR
IDX_G_IR_ROOTIRID_			G_IR
IDX_G_IR_IRID	X		G_IR
IDX_G_IR_USEQ			G_IR
IDX_G_IR_SEQ			G_IR

**Table G\_IR\_HISTORY**

This table contains information regarding all states, in chronological order, of the interaction, according to the information supplied by the specific provider, such as T-Server, Interaction Server, or the Outbound Contact Server. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.

**Column List**

Name	Code	Data Type	P	M	F	AN
IRHID	IRHID	numeric(16)	X	X		X
IRID	IRID	varchar(50)		X		
XSEQ	XSEQ	numeric(19)				
ChangeType	CHANGETYPE	int				
RefID	REFID	varchar(50)				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				



**Column IRHID**

The unique ID of the interaction history record. This is the primary key.

**Column IRID**

The ID of the Interaction record.

**Column XSEQ**

Reserved

**Column ChangeType**

The type of change of interaction state. One of the following values:

1 - ir\_created - Interaction creation

2 - ir\_terminated - Interaction termination

3 - ir\_merged - Interaction merge (result of a two-step transfer or a two-step conference)

#DICTIONARY TYPE 3

**Column RefID**

Reserved

**Column Added**

The GMT-equivalent data and time when the record was added as inherited from the T-Server TEvent.

**Column Added\_ts**

The UTC-equivalent value of the ADDED field.

**Column Added\_tcode**

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.

**Index List**

Code	U	C	Table
IDX_G_IR_H_XID			G_IR_HISTORY
IDX_X_H_HIRID_SEQ			G_IR_HISTORY

**Table G\_IS\_LINK**

This table contains information regarding the latest state of the intersite link. An intersite link allows you to connect the information regarding two calls that originated on two different sites. The state is derived from the information supplied by the T-Server application.



## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
LinkID	LINKID	varchar(50)		X		
CallID	CALLID	varchar(50)		X	X	
IsLinkType	ISLINKTYPE	int		X		
RemoteLocation	REMOTELOCATION	varchar(255)				
State	STATE	int		X		
MergeState	MERGESTATE	int				
Initiated	INITIATED	datetime		X		
Initiated_ts	INITIATED_TS	int				
Initiated_tcode	INITIATED_TCODE	int				
Terminated	TERMINATED	datetime				
Terminated_ts	TERMINATED_TS	int				
Terminated_tcode	TERMINATED_TCODE	int				
LastChange	LASTCHANGE	datetime		X		
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

This is the unique identifier. This is the primary key.

### Column LinkID

This is the intersite link ID, which identifies the association between two calls.

### Column CallID

The current call UUID.

### Column IsLinkType

The type of IS-Link. One of the following values:

- 0 - bidirectional - Bidirectional IS-Link
- 1 - unidirectional - Unidirectional IS-Link
- 2 - source - Unidirectional IS-Link
- 3 - target - Unidirectional IS-Link

#DICTIONARY TYPE 27



### Column RemoteLocation

The name of remote switch where the instance of the second call in the association is located.

### Column State

The current link state. One of the following values:

- 0 - unknown - Reserved.
- 1 - active - IS-Link is active.
- 2 - terminated - IS-Link is terminated.
- 3 - failed - IS-Link is failed; no pair is expected on the other site.

#DICTIONARY TYPE 21

### Column MergeState

The result of execution of merge procedure. One of the following values:

- 1 - not\_processed - merge procedure has not processed this record yet
- 2 - incomplete - IS-Link has no pair
- 3 - complete - merge procedure completed

#DICTIONARY TYPE 23

### Column Initiated

The GMT-equivalent date and time when the link was initiated.

### Column Initiated\_ts

The UTC-equivalent value of the INITIATED field.

### Column Initiated\_tcode

A reference, derived from the value of the INITIATED\_TS field, to a record in the G\_TIMECODE table.

### Column Terminated

The date and time when the link was terminated.

### Column Terminated\_ts

The UTC-equivalent value of the TERMINATED field.

### Column Terminated\_tcode

A reference, derived from the value of the TERMINATED\_TS field, to a record in the G\_TIMECODE table.



Column LastChange

The date and time of the last update to the link history.

Column LastChange\_ts

The UTC-equivalent value of the LASTCHANGE field.

Column LastChange\_tcode

A reference, derived from the value of the LASTCHANGE\_TS field, to a record in the G\_TIMECODE table.

Index List

Code	U	C	Table
IDX_G_ISLINK_USEQ			G_IS_LINK

Table G\_IS\_LINK\_HISTORY

This table contains information regarding all of the states of the intersite link, in chronological order as derived from data supplied by T-Server.

Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
LinkID	LINKID	varchar(50)		X	X	
Seq	SEQ	int		X		
ChangeType	CHANGETYPE	int		X		
State	STATE	int				
CallID	CALLID	varchar(50)				
PrevCallID	PREVCALLID	varchar(50)				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

Column ID

This unique, autonumbered ID of this record. This is the primary key.



### Column LinkID

This is the intersite link ID, which identifies the association between two calls.

### Column Seq

The sequence number of the changes in this link history.

### Column ChangeType

IS-Link history record type: added, moved, or deleted. One of the following:

- 0 - unknown - Reserved
- 1 - added - IS-Link addition
- 2 - moved - IS-Link move
- 3 - deleted - IS-Link deletion

#DICTIONARY TYPE 22

### Column State

The link state of the history record. One of the following values:

- 0 - unknown - Reserved
- 1 - active – IS-Link is active
- 2 - terminated – IS-Link is terminated
- 3 - failed - IS-Link is failed; no pair is expected on the other site.

#DICTIONARY TYPE 21

### Column CallID

A reference to the call that is currently associated with this history.

### Column PrevCallID

A reference to the call that was previously associated with this history.

### Column Added

The GMT-equivalent date and time when the history record was added.

### Column Added\_ts

The UTC-equivalent value of the ADDED field.

### Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.



## Table G\_LOGIN\_SESSION

This table contains information about agent login sessions. ICON inserts a record upon the creation of an agent login session. ICON updates records, by marking them as deleted, at the time that the agent's login session finishes. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
LoginSessionID	LOGINSESSIONID	varchar(50)		X		
AgentID	AGENTID	int			X	
LoginID	LOGINID	int			X	
PlaceID	PLACEID	int			X	
State	STATE	int		X		
PrimaryDeviceID	PRIMARYDEVICEID	int				
SwitchID	SWITCHID	int				
Created	CREATED	datetime		X		
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Terminated	TERMINATED	datetime				
Terminated_ts	TERMINATED_TS	int				
Terminated_tcode	TERMINATED_TCODE	int				
Reason	REASON	varchar(50)				
InternalReason	INTERNALREASON	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of the record. This is the primary key.

### Column LoginSessionID

The agent's login session ID (GUID).

### Column AgentID

The DBID of the agent (person) configuration object in Configuration Server that logged in during this login session. This value is 0 for situations where a person is not configured.

### Column LoginID

The DBID of the login configuration object in Configuration Server (under switch) that the agent used to log in.



This value is 0 for interactions originating from Interaction Server.

#### Column PlaceID

The DBID of the Place configuration object in Configuration Server. This is used if the configuration contains information regarding the place(s) where the agent is working.

#### Column State

State of the agent's login session. One of the following values:

0 - terminated - Login session is terminated

1 - active - Login session is active

#DICTIONARY TYPE 81

#### Column PrimaryDeviceID

The DBID of the endpoint (DN) configuration object that the agent uses to first login within this login session. This value is 0 for interactions originating from Interaction Server.

#### Column SwitchID

The DBID of the Switch configuration object in Configuration Server where the agent's login session was detected.

#### Column Created

The GMT-equivalent date and time when the agent's login session started.

#### Column Created\_ts

The UTC-equivalent value of the CREATED field.

#### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

#### Column Terminated

The GMT-equivalent date and time when the agent's login session finished (terminated). This value is 0 for interactions originating from Interaction Server.

#### Column Terminated\_ts

The UTC-equivalent value of the TERMINATED field.

#### Column Terminated\_tcode

A reference, derived from the value of the TERMINATED\_TS field, to a record in the G\_TIMECODE table.



### Column Reason

This is the reason that the login session terminated.

### Column InternalReason

This is the internal (system) reason of termination of the login session. One of the following values:

- 1 - unknown - no special system reason specified(Reserved)
- 0 (or null) - normal - no special system reason specified. Login session terminated normally.
- 1 - stuck - stuck login session detected
- 2 - device - device storage conflict in gcti login session manager
- 3 - agent - agent storage conflict in gcti login session manager
- 4 - cleanup - cleanup command received by gcti login session manager
- 5 - register - session terminated as result of information from event registered
- 6 - disconnect - session terminated as result of disconnect from server

#DICTIONARY TYPE 84

### Index List

Code	U	C	Table
IDX_G_LSESS_AGID			G_LOGIN_SESSION
IDX_G_LSESS_LSID	X		G_LOGIN_SESSION

## Table G\_LOG\_ATTRS

This table stores attributes about the messages stored in the G\_LOG\_MESSAGES table.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
LRID	LRID	numeric(16)		X		
MESSAGE_ID	MESSAGE_ID	int		X		
ATTR_NAME	ATTR_NAME	varchar(255)		X		
ATTR_VALUE	ATTR_VALUE	varchar(255)				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column LRID

Same as G\_LOG\_MESSAGES.ID.

### Column MESSAGE\_ID

Same as G\_LOG\_MESSAGES.MESSAGE\_ID.



**Column ATTR\_NAME**

The name of the message attribute. For example, "PartitionID" or "Record\_Count" for a corresponding G\_LOG\_MESSAGES record that indicates purging of a partition has begun ("GSYS\_PURGE\_PARTITION purge started ...")

**Column ATTR\_VALUE**

The value of the message attribute. For example:

"20080930" for an ATTR\_NAME of "PartitionID" and  
 "2673" for an ATTR\_NAME of "Record\_Count"

**Table G\_LOG\_GETIDRANGEREQ**

An internal table that Solution Control Interface (SCI) uses for selecting log records. Refer to Framework documentation for information about SCI and Message Server.

**Column List**

Name	Code	Data Type	P	M	F	AN
REQUESTID	REQUESTID	varchar(50)				
RECORD_SEQ	RECORD_SEQ	int	X	X		
RECORD_ID	RECORD_ID	numeric(16)				

**Table G\_LOG\_MESSAGES**

This table stores messages from the stored procedures about purge operations, merge operations, and stuck calls.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
MESSAGE_ID	MESSAGE_ID	int				
TIMEGENERATED	TIMEGENERATED	datetime				
TIMEWRITTEN	TIMEWRITTEN	datetime				
PRIORITY	PRIORITY	int				
ORIGIN	ORIGIN	int				
CATEGORY	CATEGORY	int				
DATALEN	DATALEN	int				
APDBID	APDBID	int				
APPTYPE	APPTYPE	int				
APPNAME	APPNAME	varchar(255)				
HOSTNAME	HOSTNAME	varchar(128)				
MESSAGETEXT	MESSAGETEXT	varchar(255)				

**Column ID**

The unique, autonumbered ID of this record. This is the primary key.



**Column MESSAGE\_ID**

ID of log event. This is ID recognized by Message Server.

**Column TIMEGENERATED**

The GMT-equivalent date and time when the message was generated.

**Column TIMEWRITTEN**

The date and time when the message was written.

**Column PRIORITY**

Specifies priority of the log message. One of the following values:

- 0 - unknown
- 1 - debug
- 2 - information - Trace
- 3 - interaction
- 4 - error - Standard
- 5 - alarm

#DICTIONARY TYPE 32

**Column ORIGIN**

Specifies origin of the log message. One of the following values:

- 0 - connection
- 1 - communication
- 2 - application
- 3 - external
- 4 - management
- 5 - logcontrol

#DICTIONARY TYPE 34

**Column CATEGORY**

Specifies category of the log message. One of the following values:

- 0 - default
- 1 - alarm
- 2 - audit

#DICTIONARY TYPE 33



**Column DATALEN**

Size of the buffer required to get packed attributes associated with this log event.

**Column APPDBID**

The DBID of application that is related to this log event.

**Column APPTYPE**

The type of application that is related to this log event.

**Column APPNAME**

Name of the application having APPDBID that is related to this log event. If the application is ICON itself, then this field provides the name of the stored procedure which created this record in the following format:

ICON DB: <stored procedure name>

For example:

ICON DB: GSYS\_Purge76

**Column HOSTNAME**

Name of the host where the application related to this log event runs.

**Column MESSAGETEXT**

The text of the message. For ICON purge operations, this field stores information about either the name of the table being purged and its purge status or the status of a purge partition; for example:

```
GSYS_PURGE_PARTITION purge started...
IDB:Purge-table:G_CALL_STAT initiated...
IDB:Purge-table:G_CALL_STAT completed...
...
GSYS_PURGE_PARTITION purge completed
```

If the purge procedure cannot start, for some reason, ICON logs "ERROR:wrong parameters" to this field.

**Table G\_PARTY**

This table contains information regarding the latest state of the party involved in an interaction according to information received from T-Server or Interaction Server. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.



## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
PartyID	PARTYID	varchar(50)		X		
PartyGUID	PARTYGUID	varchar(50)		X		
Type	TYPE	int		X		
PRole	PROLE	int		X		
ParentPartyID	PARENTPARTYID	varchar(50)				
ParentLinkType	PARENTLINKTYPE	int				
CallID	CALLID	varchar(50)		X	X	
State	STATE	int		X		
EndPointDN	ENDPOINTDN	varchar(255)		X		
EndPointID	ENDPOINTID	int		X	X	
EndPointType	ENDPOINTTYPE	int		X		
TenantID	TENANTID	int				
AgentID	AGENTID	int			X	
CCEvent	CCEVENT	int				
CCEventCause	CCEVENTCAUSE	int				
Created	CREATED	datetime		X		
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Terminated	TERMINATED	datetime				
Terminated_ts	TERMINATED_TS	int				
Terminated_tcode	TERMINATED_TCODE	int				
LastChange	LASTCHANGE	datetime		X		
LastChange_ts	LASTCHANGE_TS	int				
LastChange_tcode	LASTCHANGE_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of the party record. This is the primary key.

### Column PartyID

The unique ID of the association between the party and the call, generated by ICON. This is changed when the party moves from one call to a different call.

### Column PartyGUID

The unique ID of the party instance, generated by ICON. This ID remains unchanged during the lifetime of the party.



## Column Type

The party type. One of the following values:

- 0 - unknown - Reserved
- 1 - internal - party is associated with a device defined in the switch configuration
- 2 - external - party is associated with a device not defined in the switch configuration
- 3 - MULTIMEDIA Place - Place associated with the party
- 4 - MULTIMEDIA Interaction Queue - party is associated with a script of type "Interaction Queue"
- 5 - MULTIMEDIA Interaction Workbin - party is associated with a script of type "Interaction Workbin"
- 6 - MULTIMEDIA Routing Strategy - party is associated with a script of type "Simple Strategy"

#DICTIONARY TYPE 9

## Column PRole

Party role. One of the following values:

- 0 - unknown - Reserved for future use
- 1 - observer - indicates that the supervisor was observing service

#DICTIONARY TYPE 10

## Column ParentPartyID

The association with the other party, which is established as result of different call scenarios (ParentLinkType). One of the following values:

- 0 - unknown - Reserved
- 1 - consultation - the ParentPartyID refers to the held party from the primary call
- 2 - transfer - the PartyPartyID refers to the party record of the call from which the party was transferred
- 3 - conference - the PartyPartyID refers to the party record of the call from which the party was conferenced
- 4 - divert - the PartyPartyID refers to the party record of the call that was diverted to this party
- 5 - route - the ParentPartyID refers to the party record of the call that was routed to this party

#DICTIONARY TYPE 11

## Column ParentLinkType

The type of association with the other party (identified by ParentPartyID) established as result of different call scenarios. One of the following values:

- 0 - unknown - Reserved
- 1 - consultation - the ParentPartyID refers to the held party from the primary call
- 2 - transfer - the PartyPartyID refers to the party record of the call from which the party was transferred
- 3 - conference - the PartyPartyID refers to the party record of the call from which the party was conferenced



4 - divert - the PartyPartyID refers to the party record of the call that was diverted to this party

5 - route - the ParentPartyID refers to the party record of the call that was routed to this party

#### #DICTIONARY TYPE 11

##### Column CallID

The current ID as inherited from T-Server or Interaction Server.

##### Column State

The current state of party. In PREVSTATE column - previous party state. One of the following values:

0 - unknown - state in which there is no relationship between the call and the device

1 - initiated - Reserved

2 - alerting - state in which an attempt is being made to connect an interaction to a device. Typically, the call is being presented for the purpose of having the device connect to the interaction and the user is made aware that the interaction is being delivered at the device

3 - connected - state in which the device is actively participating in the interaction

4 - hold - state in which the device is inactively participating in the call. This state includes logical participation in a call while physical participation is suspended

5 - queued - state in which interaction progression is suspended or made inactive while awaiting some form of action. Examples include: a call is parked at a device, a call is queued at a distribution mechanism, waiting for an agent to become available, etc

6 - fail - state in which call progression has been aborted

#### #DICTIONARY TYPE 8

##### Column EndPointDN

The name of the endpoint.

##### Column EndPointID

The DBID of the endpoint. For DNs, this DBID is equivalent to GC\_ENDPOINT.ID. For script objects of type Interaction Queues, Interaction Workbins, and Routing Strategies, this is equivalent to GC\_SCRIPT.ID. For Place objects, this is equivalent to GC\_PLACE.ID.

##### Column EndPointType

The type of the endpoint. One of the following values:

0-Unknown DN type

1-Extension

2-ACD Position

3-ACD Queue

4-Routing Point



5-Virtual Queue  
6-Virtual Routing Point  
7-Voice Treatment Port  
8-Voice Mail  
9-Mobile Station  
10-Call Processing Port  
11-Fax  
12-Modem  
13-Music Port  
14-Trunk  
15-Trunk Group  
16-Tie Line  
17-Tie Line Group  
18-Mixed  
19-External Routing Point  
20-Network Destination  
21-Service Number  
22-Routing Queue  
23-Communication DN  
24-E-mail Address  
25-Voice over IP Port  
26-Video over IP Port  
27-Chat  
28-CoBrowse  
29-Voice over IP Service  
30-Workflow  
31-Access Resource  
32-GVP DID

This value is the same as that stored in GC\_ENDPOINT.TYPE, if the endpoint is a voice DN. If the endpoint is one of the following, the value of this field is the same as that stored in GC\_SCRIPT.TYPE:

Interaction Queue  
Interaction Workbin  
Routing Strategy

If the endpoint is Agent Place, the value of this field is 0 (zero).

# DICTIONARY TYPE 505

Column TenantID

The DBID of the Tenant configuration object that is associated with either the T-Server Switch or the Interaction Server Switch.



### Column AgentID

The DBID of the agent that is associated with the party.

### Column CCEvent

A call control event that is associated with the party state change. In G\_PARTY, the party termination event. One of the following values:

- 1 - unknown
- 0 - bridged
- 1 - connection\_cleared
- 2 - delivered
- 3 - established
- 4 - failed
- 5 - held
- 6 - offered
- 7 - originated
- 8 - queued
- 9 - retrieved
- 10 - service\_initiated
- 11 - transferred
- 12 - conferenced
- 13 - diverted

#DICTIONARY TYPE 30

### Column CCEventCause

The cause that is associated with the party state change and the call control event. In G\_PARTY, the cause of the Party termination event. One of the following values:

- 0 - unknown - Reserved
- 1 - busy
- 2 - conference
- 3 - distributed
- 4 - distribution\_delay
- 5 - entering\_distribution
- 6 - normal
- 7 - redirected
- 8 - single\_step\_conference
- 9 - single\_step\_transfer
- 10 - transfer

#DICTIONARY TYPE 31



**Column Created**

The GMT-equivalent date and time when the party was associated with the call.

**Column Created\_ts**

The UTC-equivalent value of the CREATED field.

**Column Created\_tcode**

A reference, derived from the value of the CREATED\_TS field, to the G\_TIMECODE table.

**Column Terminated**

The GMT-equivalent date and time when the party was released from the call.

**Column Terminated\_ts**

The UTC-equivalent value of the TERMINATED field.

**Column Terminated\_tcode**

A reference, derived from the value of the TERMINATED\_TS field, to the G\_TIMECODE table.

**Column LastChange**

The GMT-equivalent date and time of the last state change of the party.

**Column LastChange\_ts**

The UTC-equivalent value of the LASTCHANGED field.

**Column LastChange\_tcode**

A reference, derived from the value of the LASTCHANGED\_TS field, to the G\_TIMECODE table.

**Index List**

Code	U	C	Table
IDX_G_PARTY_PPID			G_PARTY
IDX_G_PARTY_PID	X		G_PARTY

**Table G\_PARTY\_HISTORY**

This table contains information regarding all the states, in chronological order, of the voice call party, according to information received from the T-Server or Interaction Server application. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.

**Column List**

Name	Code	Data Type	P	M	F	AN
------	------	-----------	---	---	---	----



Name	Code	Data Type	P	M	F	AN
PHID	PHID	numeric(16)	X	X		X
PartyID	PARTYID	varchar(50)		X	X	
PSeq	PSEQ	int		X		
CSeq	CSEQ	int		X		
ChangeType	CHANGETYPE	int				
CCEvent	CCEVENT	int				
CCEventCause	CCEVENTCAUSE	int				
State	STATE	int		X		
Type	TYPE	int				
PrevState	PREVSTATE	int				
PrevSEnter	PREVSENER	datetime				
PrevSEnter_ts	PREVSENER_TS	int				
PrevSEnter_tcode	PREVSENER_TCODE	int				
ParentPartyID	PARENTPARTYID	varchar(50)				
ParentLinkType	PARENTLINKTYPE	int				
EndpointID	ENDPOINTID	int			X	
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column PHID

The party history record ID. This is the primary key.

### Column PartyID

The unique ID of the association between the party and the call. This is changed when the party is moved from one call to a different call.

### Column PSeq

The sequence number of the party state change in scope for this party.

### Column CSeq

The sequence number of the party state change in the scope of call.

### Column ChangeType

The type of change of party state. One of the following values:

1 - party\_created



- 2 - party\_terminated
- 3 - party\_statechanged
- 4 - party\_fsmerror (Low level party state transition failure)
- 5 - party\_fsm2error )CSTA party state error)

## #DICTIONARY TYPE 2

### Column CCEvent

The call control event that is associated with the party state change. (In G\_PARTY, this is the party termination event.) One of the following values:

- 1 - unknown
- 0 - bridged
- 1 - connection\_cleared
- 2 - delivered
- 3 - established
- 4 - failed
- 5 - held
- 6 - offered
- 7 - originated
- 8 - queued
- 9 - retrieved
- 10 - service\_initiated
- 11 - transferred
- 12 - conferenced
- 13 - diverted

## #DICTIONARY TYPE 30

### Column CCEventCause

The cause associated with the party state change and the call control event. (In G\_PARTY, the cause of the Party termination event.) One of the following values:

- 0 - unknown (Reserved)
- 1 - busy
- 2 - conference
- 3 - distributed
- 4 - distribution\_delay
- 5 - entering\_distribution
- 6 - normal
- 7 - redirected
- 8 - single\_step\_conference
- 9 - single\_step\_transfer



10 - transfer

#### #DICTIONARY TYPE 31

##### Column State

The current state of party. One of the following values:

0 - unknown - state in which there is no relationship between the call and the device

1 - initiated - Reserved

2 - alerting - state in which an attempt is being made to connect a call to a device. Typically, the call is being presented for the purpose of having the device connect to the call and the user is made aware that the call is being delivered at the device

3 - connected - state in which the device is actively participating in the call

4 - hold - state in which the device is inactively participating in the call. This state includes logical participation in a call while physical participation is suspended

5 - queued - state in which call progression is suspended or made inactive while awaiting some form of action. Examples include: a call is parked at a device, a call is queued at a distribution mechanism, waiting for an agent to become available, etc

6 - fail - state in which call progression has been aborted

#### #DICTIONARY TYPE 8

##### Column Type

The party type. One of the following values:

0 - unknown - Reserved

1 - internal - party is associated with a device defined in the switch configuration

2 - external - party is associated with a device not defined in the switch configuration

3 - MULTIMEDIA Place - Place associated with the party

4 - MULTIMEDIA Interaction Queue - party is associated with a script of type "Interaction Queue"

5 - MULTIMEDIA Interaction Workbin - party is associated with a script of type "Interaction Workbin"

6 - MULTIMEDIA Routing Strategy - party is associated with a script of type "Simple Strategy"

#### #DICTIONARY TYPE 9

##### Column PrevState

The previous state of party. One of the following values:

0 - unknown - state in which there is no relationship between the call and the device

1 - initiated - Reserved

2 - alerting - state in which an attempt is being made to connect a call to a device. Typically, the call is being presented for the purpose of having the device connect to the call and the user is made aware that the call is being delivered at the device



3 - connected - state in which the device is actively participating in the call

4 - hold - state in which the device is inactively participating in the call. This state includes logical participation in a call while physical participation is suspended

5 - queued - state in which call progression is suspended or made inactive while awaiting some form of action. Examples include: a call is parked at a device, a call is queued at a distribution mechanism, waiting for an agent to become available, etc

6 - fail - state in which call progression has been aborted

#### #DICTIONARY TYPE 8

##### Column PrevSEnter

The GMT-equivalent date and time of the previous party state change.

##### Column PrevSEnter\_ts

The UTC-equivalent value of the PREVSENDER field.

##### Column PrevSEnter\_tcode

A reference, derived from the value of the PREVSENDER\_TS field, to a record in the G\_TIMECODE table.

##### Column ParentPartyID

The ID of the associated party.

##### Column ParentLinkType

The type of the association between the two parties. One of the following values:

0 - unknown

1 - consultation

2 - transfer

3 - conference

4 - divert

5 - route

#### #DICTIONARY TYPE 11

##### Column EndpointID

Depending on the scenario, this field holds one of the following values:

-NULL, for an external party (such as one originating from an unmonitored device)

-The DBID of the local (monitored) device to which the interaction was diverted or transferred (for single-step transfer scenarios only).

-The DBID of the local device, for the first record in the party's history (at party creation).

-NULL, for a local device, where the record represents neither the first nor last record in the party's history



-0, for the last record in the party's history (reflecting normal party termination)

#### Column Added

The GMT-equivalent date and time of the record.

#### Column Added\_ts

The UTC-equivalent of the value of the ADDED field.

#### Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.

### Index List

Code	U	C	Table
IDX_G_PARTY_H_PID			G_PARTY_HISTORY

## Table G\_PARTY\_STAT

This table contains information regarding party statistics which are summarized upon termination of the party. Whether ICON writes to this table is determined by the setting of one or more configuration options in the [filter-data] section.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
PartyID	PARTYID	varchar(50)		X		
TT_ALERTING	TT_ALERTING	int				
TT_CONNECTED	TT_CONNECTED	int				
TT_HOLD	TT_HOLD	int				
TT_QUEUED	TT_QUEUED	int				
TT_ACW	TT_ACW	int				
CNT_ALERTING	CNT_ALERTING	smallint				
CNT_CONNECTED	CNT_CONNECTED	smallint				
CNT_HOLD	CNT_HOLD	smallint				
CNT_QUEUED	CNT_QUEUED	smallint				
CNT_ACW	CNT_ACW	smallint				
TT_ON_ALERT	TT_ON_ALERT	int				
TT_ON_HOLD	TT_ON_HOLD	int				
TT_ON_QUEUE	TT_ON_QUEUE	int				
TT_ON_CONNECTED	TT_ON_CONNECTED	int				
T_DURATION	T_DURATION	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				



Name	Code	Data Type	P	M	F	AN
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				
PM_EXT_1	PM_EXT_1	integer				
PM_EXT_2	PM_EXT_2	integer				
PM_EXT_3	PM_EXT_3	integer				
PM_EXT_4	PM_EXT_4	integer				
PM_EXT_5	PM_EXT_5	integer				
PM_EXT_6	PM_EXT_6	integer				
PM_EXT_7	PM_EXT_7	integer				
PM_EXT_8	PM_EXT_8	integer				
PM_EXT_9	PM_EXT_9	integer				
PM_EXT_10	PM_EXT_10	integer				

### Column ID

The unique, autonumbered ID of the record. This is the primary key.

### Column PartyID

The ID of party for which metrics were calculated.

### Column TT\_ALERTING

The total time, in seconds, that the party spent in the ALERTING state. This represents the sum of all the durations of the time intervals of when the party was in the ALERTING state.

### Column TT\_CONNECTED

The total time, in seconds, that the party spent in the CONNECTED state. This represents the sum of all the durations of the time intervals when the party was in the CONNECTED state. The states of other parties in the call do not affect this metric.

### Column TT\_HOLD

The total time, in seconds, that the party spent in the HOLD state. This represents the sum of all the durations of the time intervals when the party was in the HOLD state.

### Column TT\_QUEUED

The total time, in seconds, that the party spent in the QUEUED state. This represents the sum of all the durations of the time intervals when the party was in the QUEUED state.

### Column TT\_ACW

The total time, in seconds, that the party spent in the After Call Work (ACW) state. This is the sum of all the durations of the time intervals when the party was in the ACW state.

### Column CNT\_ALERTING

The number of times that the party changed state to ALERTING.



**Column CNT\_CONNECTED**

The number of times that the party changed state to CONNECTED.

**Column CNT\_HOLD**

The number of times that the party changed state to HOLD.

**Column CNT\_QUEUED**

The number of times that the party changed state to QUEUED.

**Column CNT\_ACW**

A flag indicating whether the ACW state is the present for this party. One of the following values:

0 - indicates that the ACW state was not present for this party.

1 - indicates that the ACW state was present for this party.

**Column TT\_ON\_ALERT**

The total time, in seconds, that there was another party in a call in the ALERTING state. This represents the sum of all the durations of the time intervals when there was at least one other party in a call which was in the ALERTING state.

**Column TT\_ON\_HOLD**

The total time, in seconds, that there was another party in a call in the HOLD state. This represents the sum of all the durations of the time intervals when there was at least one other party in a call which was in the HOLD state.

**Column TT\_ON\_QUEUE**

The total time, in seconds, that there was another party in a call in the QUEUED state. This is the sum of all the durations of the time intervals when there was at least one other party in a call which was in the QUEUED state.

**Column TT\_ON\_CONNECTED**

The total time, in seconds, that all parties in a call in the CONNECTED state during the lifetime of the party. This represents the sum of all the durations of the time intervals when all parties were in the CONNECTED state during the lifetime of this party.

**Column T\_DURATION**

The life time of the party.

**Column PM\_EXT\_1 through PM\_EXT\_10**

Reserved



## Index List

Code	U	C	Table
IDX_G_PARTY_STAT_PID	X		G_PARTY_STAT

## Table G\_PROV\_CONTROL

This table contains information about the counters that ICON uses to populate the GSYS\_SEQ and the GSYS\_USEQ fields in all IDB tables. The counters are updated with configured reservation.

## Column List

Name	Code	Data Type	P	M	F	AN
DomainID	DOMAINID	int	X	X		
PrimaryID	PRIMARYID	int	X	X		
ProviderTag	PROVIDERTAG	int	X	X		
SeqCounter	SEQCOUNTER	bigint				
SeqCurrent	SEQCURRENT	bigint				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column DomainID

Reserved

### Column PrimaryID

The DBID of the primary ICON in an HA pair. The primary ICON application writes this information.

### Column ProviderTag

The ID of the provider class. One of the following values:

0 - unknown - Reserved

1 - gcc - Call control information provider

2 - gls - Login session information provider

3 - gud - User data information provider

4 - gos - Outbound extensions information provider

5 - cfg - Configuration information provider

6 - vq - Virtual queue information provider

#DICTIONARY TYPE 26



### Column SeqCounter

The value of the counter. This field is incremented by ICON.

### Column SeqCurrent

This field contains information regarding the most recent value that was written to the GSYS\_SEQ(USEQ) fields. It is populated with a configured delay (default: 60 seconds).

## Table G\_ROUTE\_RESULT

This table contains information regarding the results of the routing of a specific voice call, according to the information passed from the Universal Routing Server through either the T-Server or Interaction Server application.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CallID	CALLID	varchar(50)		X		
ConnID	CONNID	varchar(50)		X		
PartyID	PARTYID	varchar(50)		X		
IRID	IRID	varchar(50)				
EndPointID	ENDPOINTID	int				
RTargetRuleSelected	RTARGETRULESELECTED	varchar(255)				
RTargetObjectSelected	RTARGETOBJECTSELECTED	varchar(255)				
RTargetTypeSelected	RTARGETTYPESELECTED	int				
RTargetAgentSelected	RTARGETAGENTSELECTED	varchar(255)				
RTargetPlaceSelected	RTARGETPLACESELECTED	varchar(255)				
RRequestedSkillComb	RREQUESTEDSKILLCOMB	varchar(255)				
RStrategyName	RSTRATEGYNAME	varchar(255)				
RTenant	RTENANT	varchar(255)				
DestEndPointDN	DESTENDPOINTDN	varchar(255)				
DestEndPointID	DESTENDPOINTID	int				
DestEndPointType	DESTENDPOINTTYPE	int				
Result	RESULT	int		X		
Duration	DURATION	int				
Created	CREATED	datetime		X		
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Terminated	TERMINATED	datetime				
Terminated_ts	TERMINATED_TS	integer				
Terminated_tcode	TERMINATED_TCODE	integer				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				



### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column CallID

The unique ID of the interaction.

### Column ConnID

The T-Server event connection ID. This is preserved for backward compatibility.

### Column PartyID

The ID of the party record for the party that is associated with the routing point.

### Column IRID

Reference to record in interaction hierarchy table (G\_IR).

### Column EndPointID

The DBID of the routing point device.

### Column RTargetRuleSelected

A copy of the data that was attached by the URS with the RTargetRuleSelected key.

### Column RTargetObjectSelected

A copy of the data that was attached by the URS with the RTargetObjectSelected key.

### Column RTargetTypeSelected

Route target type - copy of the data that was attached by the URS with the RTargetTypeSelected key. One of the following values:

- 0 - agent - Agent
- 1 - agent\_place - Place
- 2 - agent\_group - Agent group
- 3 - place\_group - Place group
- 4 - route\_point - Routing point
- 5 - queue - Queue
- 6 - queue\_group - Queue group
- 7 - switch - Switch
- 8 - reg\_dn - Regular DN
- 9 - campaign - Campaign
- 10 - campaign\_group - Campaign group
- 11 - calling\_list - Calling list
- 12 - campaign\_calling\_list - Campaign Calling list



13 - tenant - Tenant  
14 - staging\_area - Staging area  
15 - routing\_strategy - Routing strategy  
100 - default - Default target  
101 - destination\_label - Destination label  
102 - persistent\_queue - Persistent queue  
103 - workbin - Workbin

#### #DICTIONARY TYPE 29

##### Column RTargetAgentSelected

A copy of the data that was attached by the URS with the RTargetAgentSelected key

##### Column RTargetPlaceSelected

A copy of the data that was attached by URS with the RTargetPlaceSelected key.

##### Column RRequestedSkillComb

A copy of the data that was attached by URS with the RRequestedSkillCombination key.

##### Column RStrategyName

A copy of the data that was attached by the URS with the RStrategyName key, only if URS routed the interaction. This strategy name must be less than 256 characters; otherwise, ICON may stop writing interaction records to IDB. If URS did not route the interaction, then the value of this field will be null.

##### Column RTenant

A copy of the data that was attached by the URS with the RTenant key.

##### Column DestEndPointDN

The DN name to which a call is successfully routed.

##### Column DestEndPointID

The DBID of the configured DN to which the interaction is routed.

##### Column DestEndPointType

The routing type of the configured DN to which voice call or Multimedia interaction is successfully routed. Refer to the Appendix for a listing of permissible values.

#### #DICTIONARY TYPE 505

##### Column Result

The result of the routing operation. One of the following values:



0 - unknown - Reserved  
1 - success - the routing was successful  
2 - failure - the routing attempt failed (if a voice call or chat was abandoned, etc)  
102 - distributed\_to\_default - call was routed to the default destination after the URS timeout expired  
103 - routed\_by\_switch - call was routed by the switch  
105 - other\_reasons - the routing was unsuccessful due to some other reasons (unclassified)  
133 - ixn\_server\_timeout - routing timeout expired on Interaction Server (open media interactions only)  
134 - ixn\_taken\_out - an interaction is taken (pulled out) from strategy by Interaction Server (open media interactions only)

#### #DICTIONARY TYPE 28

##### Column Duration

The duration of the routing dialog. For successful routing, this is the time between the EventRouteRequest and the EventRouteUsed.

##### Column Created

The GMT-equivalent date and time when the record was created as inherited from T-Server or Interaction Server.

##### Column Created\_ts

The UTC-equivalent time of the value in the CREATED field.

##### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in G\_TIMECODE table.

##### Column Terminated

The GMT-equivalent date and time when the record was terminated, as inherited from T-Server (EventRouteUsed or EventAbandoned TEvents) or Interaction Server.

##### Column Terminated\_ts

The UTC-equivalent time of the value in the TERMINATED field.

##### Column Terminated\_tcode

A reference, derived from the value of the TERMINATED\_TS field, to a record in G\_TIMECODE table.

## Table G\_SECURE\_USERDATA\_HISTORY

This table records the changes in the UserData attribute of TEvents associated with voice calls and changes in the isOnline attribute of events associated with chat sessions. In addition, ICON may record the change history of the Reasons and Extensions attributes of voice interactions as well as any other attributes of a call that are not



recorded in the G\_CALL\_HISTORY and the G\_PARTY\_HISTORY\_TABLE, if configured to gather data from Interaction Concentrator.

One prerequisite is that ICON must be able to determine that such data is associated with a specific interaction and that this association is known at run time. ICON's writing to this table is also determined by the setting of one or more configuration options in the [filter-data] section.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(19)	X	X		X
CallID	CALLID	varchar(50)		X		
PartyID	PARTYID	varchar(50)				
EndPointID	ENDPOINTID	int				
EndPointDN	ENDPOINTDN	varchar(255)				
AgentID	AGENTID	int				
SwitchID	SWITCHID	int				
KeyName	KEYNAME	varchar(64)		X		
ChangeType	CHANGETYPE	int		X		
KSeq	KSEQ	int		X		
CSeq	CSEQ	int		X		
Type	TYPE	int		X		
KEYID	KEYID	int		X		
Value	VALUE	varchar(255)				
Added	ADDED	datetime				
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column CallID

This field points to the record in the G\_CALL table that represents the call to which the data is attached. This field may be NULL, if the user data came with the EventUserEvent.

### Column PartyID

This field points to the record in the G\_PARTY table that represents the party who added, changed, or deleted the data. Any one of the following attributes can be the source of attached data:

- o AttributeUserData



- o AttributeExtensions
- o AttributeReason

With a change in the data in AttributeUserData and upon receipt of AttachedDataChangedEvent, then PartyID is defined by the ThirdPartyDN attribute, if any exists.

#### Column EndPointID

This field contains the DBID of the endpoint where data was added, changed, or deleted. If the data was taken from the event that caused the creation of the respective call, then this is the first party that created in the call. If the data was taken from the AttachedDataChangedEvent, then the party is defined by the ThirdPartyDN attribute, if any exist. Otherwise, this is the party that is defined by the ThisDN attribute (if any). For the rest of changes, the party is defined by the ThisDN attribute.

#### Column EndPointDN

The device number that is associated with the data.

#### Column AgentID

This field contains the DBID of the agent who changed the data. This is the agent who logged into the endpoint that is associated with the data change (if this information is available in the run time).

#### Column SwitchID

This field contains the DBID of the Switch object that owns the endpoint that is associated with the change. If the EndPointID field is NULL, then so is the field SwitchID, and *vice versa*.

#### Column KeyName

This is the KeyName field. It records the name of the user data key that changed its value. The user determines which keys should be recorded by specifying them in ICON's configuration of user data.

#### Column ChangeType

This field specifies the type of change that caused the record to appear in the table. One of the following values:

- 1 - created - the value of the key has been attached to the call at the moment the call was created. If this is true, then both the OldCharValue and the OldIntValue fields have the value: NULL
- 2 - added - the value of the key that has just been added. If this is true, then both the OldCharValue and the OldIntValue fields have the value: NULL
- 3 - updated - the value of the key has changed. If this is true, then either the OldCharValue or the OldIntValue field (depending of the data type) contains the previous value of the key
- 4 - deleted - the key has been deleted from the user data. If this is true, then both the CharValue and the IntValue fields are equal to NULL, and the OldCharValue or the OldIntValue field (depending of data type) contains the last value of the key
- 5 - terminated - the value of the key at the call termination

#### #DICTIONARY TYPE 19



### Column KSeq

The sequential number of the change of the value of the specific key associated with the call. The changes of a key are numbered separately for every call that the key is associated with. Numbering starts with 1.

### Column CSEQ

The sequence number that corresponds to the party history.

### Column Type

The type of the data source: extensions, reasons, or attached (user) data. One of the following values:

- 1 - userdata
- 2 - reasons
- 3 - extensions
- 4 - attributes (reserved for future use)
- 5 - mcr\_workbin

#DICTIONARY TYPE 20

### Column KEYID

The ID of the key name.

### Column Value

This field contains the character value of the key. The value is non-NULL unless one of the following conditions is met:

DataType != STRING  
or  
ChangeType = DELETED;  
otherwise the value is NULL.

### Column Added

The GMT-equivalent date and time when the key was changed as inherited from T-Server (or other data provider).

### Column Added\_ts

This UTC-equivalent value of the ADDED field.

### Column Added\_tcode

A reference, derived from the ADDED\_TS field, to a record in the G\_TIMECODE table.



## Table G\_SYNC\_CONTROL

This table contains information about the last events stored by different ICON instances. This information is used during the HA synchronization.

### Column List

Name	Code	Data Type	P	M	F	AN
DomainID	DOMAINID	int	X	X		
PrimaryID	PRIMARYID	int	X	X		
ProviderTag	PROVIDERTAG	int	X	X		
ClusterID	CLUSTERID	int	X	X		
ProviderID	PROVIDERID	int		X		
EventTimeSec	EVENTTIMESEC	int				
EventTimeUsec	EVENTTIMEUSEC	int				
SessionID	SESSIONID	varchar(64)				
EventID	EVENTID	varchar(255)				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

#### Column DomainID

Reserved

#### Column PrimaryID

The DBID of the primary ICON in an HA pair. The primary ICON application writes this information.

#### Column ProviderTag

The ID of the provider class. One of the following values:

0 - unknown - Reserved

1 - gcc - Call control information provider

2 - gls - Login session information provider

3 - gud - User data information provider

4 - gos - Outbound extensions information provider

5 - cfg - Configuration information provider

6 - vq - Virtual queue information provider

#DICTIONARY TYPE 26



Column ClusterID

The DBID of the primary server in the HA pair of the provider (such as the primary T-Server or primary Outbound Contact Server).

Column ProviderID

The DBID of the specific provider instance that supplied this event.

Column EventTimeSec

The time, in seconds, when this event was generated at the provider.

Column EventTimeUsec

The time, in milliseconds, when this event was generated at the provider.

Column SessionID

The session identifier (if supplied) that corresponds to the event.

Column EventID

The event identifier as reported by the provider.

Table G\_TIMECODE

This table expands the timecode values, referenced in other tables as \*\_TCODE, into specific time value entities, such as month name, day of the week, day of the month, and so on. The table should be pre-populated before using it.

Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	int		X		
TC_MIN	TC_MIN	int		X		
TC_HOUR	TC_HOUR	int		X		
TC_DAY	TC_DAY	int		X		
TC_WEEKDAY	TC_WEEKDAY	int		X		
TC_WEEK	TC_WEEK	int		X		
TC_MONTH	TC_MONTH	int		X		
TC_YEAR	TC_YEAR	int		X		
TC_DAYNAME	TC_DAYNAME	varchar(20)				
TC_WEEKNAME	TC_WEEKNAME	varchar(30)				
TC_MONTHNAME	TC_MONTHNAME	varchar(20)				
TC_H	TC_H	int				
TC_Q	TC_Q	int				

Column ID

The timecode value. This corresponds to \*\_TCODE fields, such as CREATED\_TCODE, ADDED\_TCODE, DELETED\_TCODE, and LASTCHANGE\_TCODE in other tables.



**Column TC\_MIN**

The number of minutes corresponding to this timecode.

**Column TC\_HOUR**

The number of hours corresponding to this timecode.

**Column TC\_DAY**

The day of the month corresponding to this timecode.

**Column TC\_WEEKDAY**

The day of the week corresponding to this timecode.

**Column TC\_WEEK**

The number of the week in which this timecode falls.

**Column TC\_MONTH**

The month number corresponding to this timecode.

**Column TC\_YEAR**

The year value corresponding to this timecode.

**Column TC\_DAYNAME**

The name of the weekday corresponding to this timecode.

**Column TC\_WEEKNAME**

The name of the week in which this timecode falls.

**Column TC\_MONTHNAME**

The month name corresponding to this timecode.

**Column TC\_H**

The hour corresponding to this timecode.

**Column TC\_Q**

The quarter in which this timecode falls.

**Table G\_USERDATA\_HISTORY**

This table records the changes in the UserData attribute of TEvents associated with voice calls and changes in the



isOnline attribute of events associated with chat sessions. In addition, ICON may record the change history of the Reasons and Extensions attributes of voice interactions as well as any other attributes of a call that are not recorded in the G\_CALL\_HISTORY and the G\_PARTY\_HISTORY\_TABLE, if configured to gather data from Interaction Concentrator.

One prerequisite is that ICON must be able to determine that such data is associated with a specific interaction and that this association is known at run time. ICON's writing to this table is also determined by the setting of one or more configuration options in the [filter-data] section.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(19)	X	X		X
CallID	CALLID	varchar(50)		X		
PartyID	PARTYID	varchar(50)				
EndPointID	ENDPOINTID	int				
EndPointDN	ENDPOINTDN	varchar(255)				
AgentID	AGENTID	int				
SwitchID	SWITCHID	int				
KeyName	KEYNAME	varchar(64)		X		
ChangeType	CHANGETYPE	int		X		
KSeq	KSEQ	int		X		
CSEQ	CSEQ	int		X		
Type	TYPE	int		X		
KEYID	KEYID	int		X		
Value	VALUE	varchar(255)				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

## Column ID

The unique, autonumbered ID of this record. This is the primary key .

## Column CallID

This field points to the record in the G\_CALL table that represents the call to which the data is attached. This field may be NULL, if the user data came with the EventUserEvent.

## Column PartyID

This field points to the record in the G\_PARTY table that represents the party who added, changed, or deleted the



data. Any one of the following attributes can be the source of attached data:

- AttributeUserData
- AttributeExtensions
- AttributeReason

With a change in the data in AttributeUserData and upon receipt of AttachedDataChangedEvent, then PartyID is defined by the ThirdPartyDN attribute, if any exists. Otherwise, this field is empty.

#### Column EndPointID

This field contains the DBID of the endpoint that added, changed, or deleted the data. If the data was taken from the event that caused the creation of the respective call, then this is the first party created in the call. If the data was taken from the AttachedDataChangedEvent, then the party is defined by the ThirdPartyDN attribute, if any exist. Otherwise, this is the party that is defined by the ThisDN attribute (if any). For the rest of changes, the party is defined by the ThisDN attribute.

#### Column EndPointDN

The device number that is associated with the data.

#### Column AgentID

This field contains the DBID of the agent object that represents the person who changed the data. This is the agent who logged into the endpoint that is associated with the data change (if this information is available in the run time).

#### Column SwitchID

This field contains the DBID of the Switch object that owns the endpoint that is associated with the change. If the EndPointID field is NULL, then so is the field SwitchID, and *vice versa*.

#### Column KeyName

For voice interactions, this field records the name of the UserData key whose value was changed. The user determines which keys should be recorded by specifying them in the ICON configuration user data specification.

For chat interactions, this field's value is `_attr_is_online`.

#### Column ChangeType

This field specifies the type of change for this record. One of the following values:

1 - created

For voice interactions, '1' indicates that the value of the key was attached to the call at the moment the call was created.

For chat interactions, ICON assigns a change type of '1' upon receipt of an eventInteractionSubmitted event with an isOnline attribute setting of true.



## 2 - added

For voice interactions, '2' indicates that the value of the key has just been added.

## 3 - updated

For voice interactions, '3' indicates that the value of the key has changed.

For chat interactions, ICON assigns a change type of '3' upon receipt of an `eventPropertiesChanged` event with an `isOnline` attribute setting of either true or false.

## 4 - deleted

For voice interactions, '4' indicates that the key has been deleted from `UserData`.

## 5 - terminated

For voice interactions, '5' indicates that ICON records the value of the key upon call termination.

For chat interactions, ICON assigns a change type of '5' upon receipt of an `eventProcessingStopped` event with an `isOnline` attribute setting of either true or false.

## #DICTIONARY TYPE 19

### Column KSeq

The sequential number of the change of the value of the specific key associated with the call. The changes of a key are numbered separately for every call that the key is associated with. Numbering starts with 1.

### Column CSEQ

The sequence that corresponds to the `G_PARTY_HISTORY`.

### Column Type

The type of the data source: extensions, reasons, or attached data (userdata), or properties of a multimedia (MCR) workbin instance. One of the following values:

1 - userdata

2 - reasons

3 - extensions

4 - attributes (reserved for future use)

5 - mcr\_workbin

## #DICTIONARY TYPE 20

### Column KEYID

The ID of the key name. ICON hardcodes the value of 9995 for chat interactions.



### Column Value

For voice interactions, this field contains the character value of the key. The value is non-NULL unless one of the following conditions is met:

- o The DataType != STRING or
- o The ChangeType = DELETED

Otherwise, the value is NULL.

For chat interactions, ICON writes the value of the isOnline attribute of the triggering event from Interaction Server. One of the following:

- 0 - chat session has been stopped
- 1 - chat session is alive

### Column Added

This GMT-equivalent date and time when the key was changed as provided by T-Server (or other data provider).

### Column Added\_ts

The UTC-equivalent value of the ADDED field.

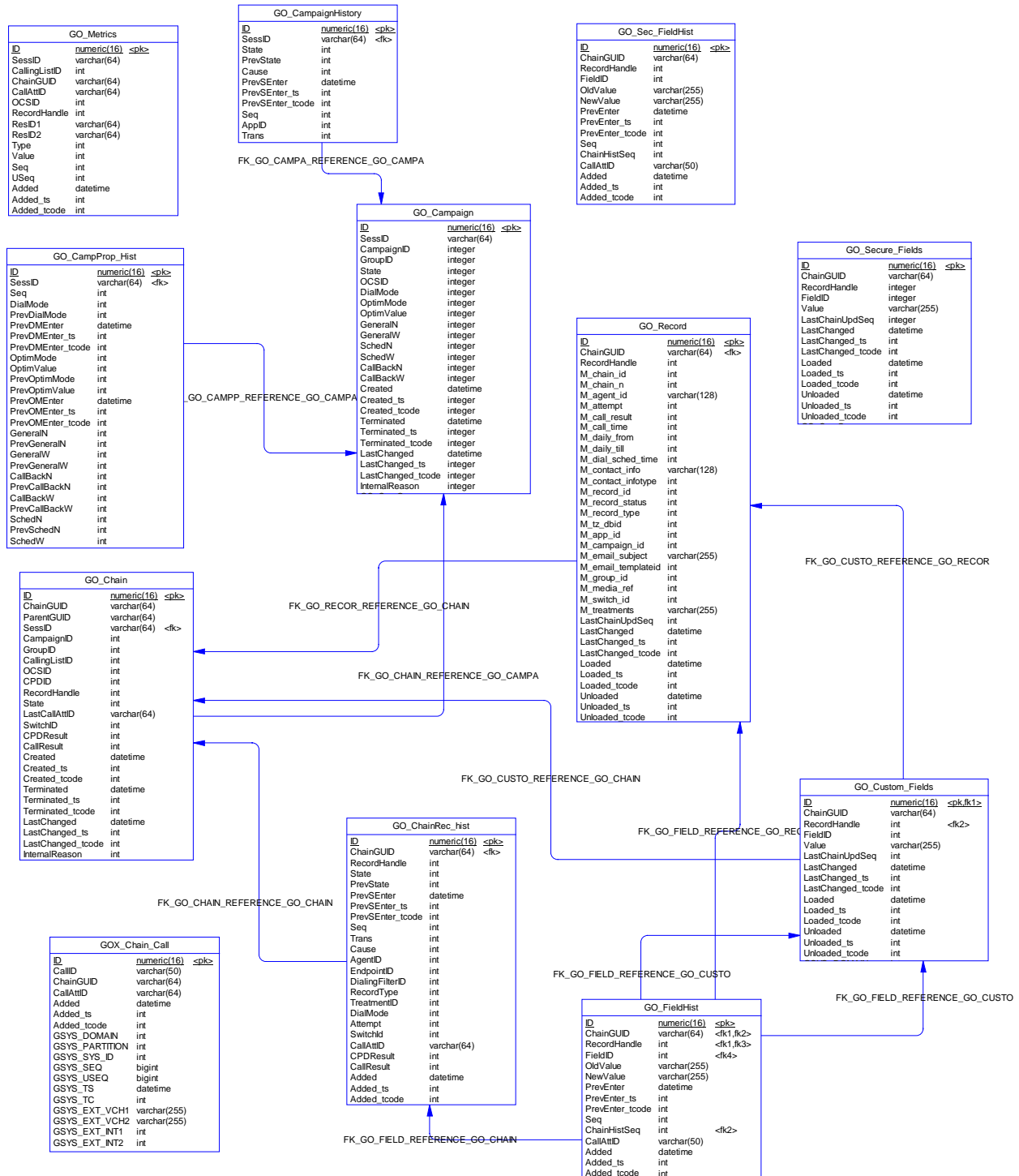
### Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.



# Chapter 3: Outbound Contact Schema

## Diagram Data Model





## Index List

Table	Code	U
GO_Campaign	IDX_GO_CAMPAIGN_CID	X
GO_Chain	IDX_GO_CHAIN_CHID	X
GO_Custom_Fields	IDX_CUSTOMF_CHID	
GO_Custom_Fields	IDX_CUSTOMF_FID	X
GO_Record	IDX_GO_REC_CHID	
GO_Record	IDX_GO_REC_PHID	X
GO_Secure_Fields	IDX_SECUREF_CHID	
GO_Secure_Fields	IDX_SECUREF_PHID	X

## Reference List

Child Table	Parent Table	Code	F
GO_CampProp_Hist	GO_Campaign	REFERENCE_8	SessID
GO_CampaignHistory	GO_Campaign	REFERENCE_1	SessID
GO_Chain	GO_Campaign	REFERENCE_3	SessID
GO_ChainRec_hist	GO_Chain	REFERENCE_4	ChainGUID
GO_Custom_Fields	GO_Chain	REFERENCE_10	ID
GO_Custom_Fields	GO_Record	REFERENCE_11	RecordHandle
GO_FieldHist	GO_ChainRec_hist	REFERENCE_7	ChainGUID; ChainHistSeq
GO_FieldHist	GO_Custom_Fields	REFERENCE_9	FieldID
GO_FieldHist	GO_Custom_Fields	REFERENCE_8	RecordHandle
GO_FieldHist	GO_Record	REFERENCE_6	ChainGUID; RecordHandle
GO_Record	GO_Chain	REFERENCE_5	ChainGUID

## Table GOX\_Chain\_Call

The records in this table reflect the relationship between voice calls (refer to table G\_CALL in the Core Schema of IDB) and Chain processing records (refer to table GO\_Chain in this schema). Records are inserted into this table at the time when the association between voice call and processing attempt of the chain is detected by ICON.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CallID	CALLID	varchar(50)				
ChainGUID	CHAINGUID	varchar(64)		X		
CallAttID	CALLATTID	varchar(64)		X		
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				



Name	Code	Data Type	P	M	F	AN
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column CallID

The CallGUID as reported by OCS.

### Column ChainGUID

The unique identifier of the chain processing attempt, as reported by OCS. This ID cannot to be changed during chain processing. Same as GO\_CHAIN.CHAINGUID.

### Column CallAttID

The call attempt GUID. This is generated and assigned by OCS. The GUID is unique for each outbound call producing attempt. Same as GO\_CHAINREC\_HIST.CALLATTID.

### Column Added

The GMT-equivalent date and time when information about the relationship was reported by OCS.

### Column Added\_ts

The UTC-equivalent value of the ADDED field. Milliseconds are truncated.

### Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.

## Table GO\_CampProp\_Hist

This table contains the history of Campaign property changes during the campaign processing attempt. Records are inserted into this table when ICON receives information about campaign property changes from OCS. Records in this table are never updated or deleted.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
SessID	SESSID	varchar(64)		X	X	
Seq	SEQ	int		X		
DialMode	DIALMODE	int				
PrevDialMode	PREVDIALMODE	int				
PrevDMEnter	PREVDMENTER	datetime				
PrevDMEnter_ts	PREVDMENTER_TS	int				
PrevDMEnter_tcode	PREVDMENTER_TCODE	int				
OptimMode	OPTIMMODE	int				



Name	Code	Data Type	P	M	F	AN
OptimValue	OPTIMVALUE	int				
PrevOptimMode	PREVOPTIMMODE	int				
PrevOptimValue	PREVOPTIMVALUE	int				
PrevOMEnter	PREVOMENTER	datetime				
PrevOMEnter_ts	PREVOMENTER_TS	int				
PrevOMEnter_tcode	PREVOMENTER_TCODE	int				
GeneralN	GENERALN	int				
PrevGeneralN	PREVGENERALN	int				
GeneralW	GENERALW	int				
PrevGeneralW	PREVGENERALW	int				
CallBackN	CALLBACKN	int				
PrevCallBackN	PREVCALLBACKN	int				
CallBackW	CALLBACKW	int				
PrevCallBackW	PREVCALLBACKW	int				
SchedN	SCHEDN	int				
PrevSchedN	PREVSCHEDN	int				
SchedW	SCHEDW	int				
PrevSchedW	PREVSCHEDW	int				
PrevPPEnter	PREVPPENTER	datetime				
PrevPPEnter_ts	PREVPPENTER_TS	int				
PrevPPEnter_tcode	PREVPPENTER_TCODE	int				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column SessID

The campaign processing session ID (GUID).

### Column Seq

The sequence number of state and property changes in a campaign's history.

### Column DialMode

The dial mode specified for campaign processing.



#### Column PrevDialMode

The previous dialing mode, if the dialing mode was changed.

#### Column PrevDMEnter

The GMT-equivalent date and time when previous dialing mode was detected by OCS (according to timestamp provided by OCS).

#### Column PrevDMEnter\_ts

The UTC-equivalent value of the PREVDMENTER field. Milliseconds are truncated.

#### Column PrevDMEnter\_tcode

A reference, derived from the value of the PREVDMENTER\_TS field, to a record in the G\_TIMECODE table.

#### Column OptimMode

Code of optimization mode (overdialrate, waiting time, busy factor).

#### Column OptimValue

The current value of the optimization parameter that OCS uses for this campaign.

#### Column PrevOptimMode

The previous optimization mode that OCS ran with this campaign.

#### Column PrevOptimValue

The previous optimization parameter value that OCS used for this campaign.

#### Column PrevOMEnter

The GMT-equivalent date and time when the previous optimization mode was reported by OCS.

#### Column PrevOMEnter\_ts

The UTC-equivalent value of the PREVOMENTER field. Milliseconds are truncated.

#### Column PrevOMEnter\_tcode

A reference, derived from the value of the PREVOMENTER\_TS field, to a record in the G\_TIMECODE table.

#### Column GeneralN

The numerical value of the priority parameter that OCS used for general records in this campaign.

#### Column PrevGeneralN

The previous value of the priority parameter that OCS used for General records in this campaign.



**Column GeneralW**

The current weight of the priority parameter value for general records that OCS used for this campaign.

**Column PrevGeneralW**

The previous weight of the priority parameter value for general records that OCS used in this campaign.

**Column CallBackN**

The numerical value of the priority parameter that OCS used for callback records in this campaign.

**Column PrevCallBackN**

The previous value of the priority parameter that OCS used for callback records in this campaign.

**Column CallBackW**

The current weight of the priority parameter value for callback records that OCS used within this campaign.

**Column PrevCallBackW**

The previous weight of the priority parameter value for callback records that OCS used in this campaign.

**Column SchedN**

The current numerical value of the priority parameter that OCS used for scheduled records in this campaign.

**Column PrevSchedN**

The previous value of the priority parameter that OCS used for scheduled records in this campaign.

**Column SchedW**

The current weight of the priority parameter value for scheduled records that OCS used in this campaign.

**Column PrevSchedW**

The previous weight of the priority parameter value for scheduled records that OCS used within this campaign.

**Column PrevPPEnter**

The GMT-equivalent date and time when the previous priority parameters were reported by OCS.

**Column PrevPPEnter\_ts**

The UTC-equivalent value of the PREVPPENTER field. Milliseconds are truncated.

**Column PrevPPEnter\_tcode**

A reference, derived from the value of the PREVPPENTER\_TS field, to a record in the G\_TIMECODE table.



### Column Added

The GMT-equivalent date and time when any change of a parameter is reported by OCS.

### Column Added\_ts

The UTC-equivalent value of the ADDED field. Milliseconds are truncated.

### Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.

## Table GO\_Campaign

This table contains current information about a Campaign, as reported by OCS. Records are inserted into this table when the first OCSD event that is related to campaign processing attempts is received from OCS. The record is updated each time that information about changes to Campaign state or Campaign properties are received from OCS.

Refer to "Campaign Model" of the *Interaction Concentrator User's Guide* for an illustrative graphic of the Genesys Campaign Finite State Machine.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
SessID	SESSID	varchar(64)		X		
CampaignID	CAMPAIGNID	integer		X		
GroupID	GROUPID	integer		X		
State	STATE	integer		X		
OCSID	OCSID	integer		X		
DialMode	DIALMODE	integer				
OptimMode	OPTIMMODE	integer				
OptimValue	OPTIMVALUE	integer				
GeneralN	GENERALN	integer				
GeneralW	GENERALW	integer				
SchedN	SCHEDN	integer				
SchedW	SCHEDW	integer				
CallBackN	CALLBACKN	integer				
CallBackW	CALLBACKW	integer				
Created	CREATED	datetime		X		
Created_ts	CREATED_TS	integer				
Created_tcode	CREATED_TCODE	integer				
Terminated	TERMINATED	datetime				
Terminated_ts	TERMINATED_TS	integer				
Terminated_tcode	TERMINATED_TCODE	integer				
LastChanged	LASTCHANGED	datetime		X		
LastChanged_ts	LASTCHANGED_TS	integer				
LastChanged_tcode	LASTCHANGED_TCODE	integer				
InternalReason	INTERNALREASON	integer				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				



Name	Code	Data Type	P	M	F	AN
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column SessID

The unique identifier of the Campaign processing attempt. If a campaign has been unloaded and then reloaded, OCS assigns a new SessionGUID.

### Column CampaignID

The DBID of the Campaign configuration object that OCS uses for the Campaign processing attempt.

### Column GroupID

The DBID of the Campaign Group configuration object.

### Column State

The current state of the campaign according to the Campaign FSM (finite state machine). One of the following values:

- 0 - null (Terminated)
- 1 - loaded
- 2 - started
- 3 - unloading

#DICTIONARY TYPE 71

### Column OCSID

The DBID of the OCS Server application in the Configuration database. The Campaign running on this instance of OCS.

### Column DialMode

The running mode of the campaign as reported by OCS.

### Column OptimMode

The optimization mode of the campaign with OCS running.



### Column OptimValue

The value of the optimization parameter used by OCS in this campaign.

### Column GeneralN

The numerical value of the priority parameter that OCS uses for general records in this campaign.

### Column GeneralW

The weight of the priority parameter value for general records that OCS uses in this campaign.

### Column SchedN

The numerical value of the priority parameter that OCS uses for scheduled records within this campaign.

### Column SchedW

The weight of the priority parameter value that OCS uses for scheduled records within this campaign.

### Column CallBackN

The numerical value of the priority parameter that OCS uses for the callback records in this campaign.

### Column CallBackW

The weight of the priority parameter value for callback records that OCS uses for this campaign.

### Column Created

The GMT-equivalent date and time that the campaign was loaded, as reported by OCS.

### Column Created\_ts

The UTC-equivalent value of the CREATED field. Milliseconds are truncated.

### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

### Column Terminated

The GMT-equivalent date and time when the campaign was unloaded, as reported by OCS.

### Column Terminated\_ts

The timestamp of when the campaign was terminated. In seconds (milliseconds truncated).

### Column Terminated\_tcode

A reference, derived from the value of the TERMINATED\_TS field, to a record in the G\_TIMECODE table.



### Column LastChanged

The GMT-equivalent date and time of the last event from OCS, with information about change of campaign state or campaign properties.

### Column LastChanged\_ts

The UTC-equivalent value of the LASTCHANGED field. Milliseconds are truncated.

### Column LastChanged\_tcode

A reference, derived from the value of the LASTCHANGED\_TS field, to a record in the G\_TIMECODE table.

### Column InternalReason

The reason the campaign was stopped, if it was stopped at all. This may be due to a failure or ICON may have detected the unavailability of reporting data for this campaign. One of the following values:

0 - normal - normal termination

1 - disconnect - termination due to disconnect

2 - internal\_error - reserved for cases of termination due to internal errors

3 - register - termination due to information in the message after registration in the OCS

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### Index List

Code	U	C	Table
IDX_GO_CAMPAIGN_CID	X		GO_Campaign

### Table GO\_CampaignHistory

This table contains the history of Campaign state changes and campaign property changes that occurred during a campaign processing attempt. Records are inserted into this table when the campaign state changes or when ICON receives information about campaign property changes from OCS. Records in this table are never updated or deleted.

Refer to "Campaign Model" of the *Interaction Concentrator User's Guide* for an illustrative graphic of the Genesys Campaign Finite State Machine.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
SessID	SESSID	varchar(64)		X	X	
State	STATE	int		X		
PrevState	PREVSTATE	int				
Cause	CAUSE	int		X		
PrevSEnter	PREVSEENTER	datetime				
PrevSEnter_ts	PREVSEENTER_TS	int				



Name	Code	Data Type	P	M	F	AN
PrevSEnter_tcode	PREVSEnter_TCODE	int				
Seq	SEQ	int		X		
AppID	APPID	int				
Trans	TRANS	int				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column SessID

The unique identifier of the Campaign processing attempt. If the campaign was unloaded and reloaded, OCS assigns a new SessionGUID.

### Column State

The current state of the campaign according to the Campaign FSM (finite state machine). One of the following values:

- 0 - null - terminated
- 1 - loaded
- 2 - started
- 3 - unloading

### #DICTIONARY TYPE 71

### Column PrevState

The previous state of the campaign according to the Campaign FSM (finite state machine). One of the following values:

- 0 - null - terminated
- 1 - loaded
- 2 - started
- 3 - unloading



## #DICTIONARY TYPE 71

## Column Cause

The cause of campaign state change, as provided by OCS. One of the following values:

- 0 - CampGrNormal
- 1 - CampGrConfigurationChanged
- 2 - CampGrLCASignal
- 3 - CampGrUnloadForcedCfgChanged
- 4 - CampGrUnloadForcedLCASignal
- 5 - CampGrUnloadForcedCliReq
- 6 - CampGrLoadsAsSequenceItem
- 7 - CampGrItemStartTimeElapsed
- 8 - CampGrItemContactsReached
- 9 - CampGrItemDialsReached
- 10 - CampGrItemEndTimeReached
- 11 - CampGrAgentsAvailable
- 12 - CampGrNoAgentsAvailable
- 13 - CampGrPortsAvailable
- 14 - CampGrNoPortsAvailable
- 15 - CampGrRecordsAvailable
- 16 - CampGrNoRecordsAvailable
- 17 - CampGrCPDAvailable
- 18 - CampGrNoCPDAvailable
- 19 - ChainNormal
- 20 - ChainRetrievedFromDB - Record selected from database (calling list)
- 21 - ChainCampaignUnloaded - Record unloaded due to whole campaign unloaded
- 22 - ChainDoNotCall
- 23 - ChainCancelled
- 24 - ChainRejected - Preview mode only
- 25 - ChainIsEmpty - All records in chain cancelled or chain cancelled
- 26 - ChainFilterModified - Customer has changed dialing filter for the calling list. All scheduled chains are affected.
- 27 - ChainNoMoreTreatments
- 28 - ChainInternalError
- 29 - ChainOutOfBoundaries
- 30 - ChainPriorityZero
- 31 - ChainGoalReached
- 32 - ChainMaxAttemptsReached
- 33 - ChainUnloadedByTreatment
- 34 - ChainConfigurationChanged
- 35 - ChainUnknownDNTransfer
- 36 - ChainWrongTransfer



37 - ChainCallbackToContinue  
38 - ChainReschedToContinue  
39 - ChainRecordAdded - add record request from the desktop, adds record to the chain which is currently in OCS buffers  
40 - ChainTreatmentApplied  
41 - ChainInDoNotCallList  
42 - ChainDoNotCallRequested  
43 - ChainCancelRequested  
44 - ChainRejectRequested  
45 - ChainEventRecordProcessed  
46 - ChainDialerReleased  
47 - ChainDialerError  
48 - ChainForceUnloadStale  
49 - ChainOverflown  
50 - ChainRemoteRelease  
51 - ChainStaleTimeout  
52 - ChainCallResultReceived  
53 - ChainProcessingDone  
54 - ChainEventUpdateCallCompStats  
55 - ChainEventRecordReschedule  
56 - ChainCallProgressReceived

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##### Column PrevSEnter

The GMT-equivalent date and time when the previous campaign state was detected.

##### Column PrevSEnter\_ts

The UTC-equivalent value of the PREVSENDER field. Milliseconds are truncated.

##### Column PrevSEnter\_tcode

A reference, derived from the value of the PREVSENDER\_TS field, to a record in the G\_TIMECODE table.

##### Column Seq

Sequence number of the record within the SessID.

##### Column ApplID

The DBID of the application (if provided by OCS) that initiated the state change.

##### Column Trans

The number of the OCS event.



### Column Added

The GMT-equivalent date and time when the current campaign state was detected.

### Column Added\_ts

The UTC-equivalent value of the ADDED field. Milliseconds are truncated.

### Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.

## Table GO\_Chain

This table contains current information about chains, as reported by OCS. A record is inserted at the time ICON receives the first notification about Chain processing from OCS. The record is updated when there is a change of state of the chain.

Refer to "Chain Model" of the *Interaction Concentrator User's Guide* for a description of outbound chain states and an illustrative graphic of a Chain Finite State Machine.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
ChainGUID	CHAINGUID	varchar(64)		X		
ParentGUID	PARENTGUID	varchar(64)				
SessID	SESSID	varchar(64)		X	X	
CampaignID	CAMPAIGNID	int		X		
GroupID	GROUPID	int		X		
CallingListID	CALLINGLISTID	int		X		
OCSID	OCSID	int		X		
CPDID	CPDID	int				
RecordHandle	RECORDHANDLE	int				
State	STATE	int		X		
LastCallAttID	LASTCALLATTID	varchar(64)				
SwitchID	SWITCHID	int				
CPDResult	CPDRESULT	int				
CallResult	CALLRESULT	int				
Created	CREATED	datetime		X		
Created_ts	CREATED_TS	int				
Created_tcode	CREATED_TCODE	int				
Terminated	TERMINATED	datetime				
Terminated_ts	TERMINATED_TS	int				
Terminated_tcode	TERMINATED_TCODE	int				
LastChanged	LASTCHANGED	datetime		X		
LastChanged_ts	LASTCHANGED_TS	int				
LastChanged_tcode	LASTCHANGED_TCODE	int				
InternalReason	INTERNALREASON	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				



Name	Code	Data Type	P	M	F	AN
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column ChainGUID

The unique identifier of the chain processing attempt, as reported by OCS. This ID cannot be changed during chain processing. Same as GO\_CHAIN.CHAINGUID.

### Column ParentGUID

Reserved for future use.

### Column SessID

The unique identifier of the Campaign processing attempt. See GO\_CAMPAIGN.SessID for details.

### Column CampaignID

The DBID of the Campaign configuration object in the Configuration database. This ID cannot be changed during chain processing. This has the same value as the related record in GO\_Campaign. It is added as part of the database de-normalization process.

### Column GroupID

The DBID of the Campaign group configuration object.

### Column CallingListID

The DBID of the Calling List object in the Configuration database. This ID cannot be changed during chain processing.

### Column OCSID

The DBID of the configured OCS application that reports activity related to this chain.

### Column CPDID

The DBID of the CPD server configuration object that OCS used to process the chain (if used and reported by OCS).

### Column RecordHandle

The RecordHandle of the record that OCS used in the last chain processing attempt.



## Column State

The state of the chain as reported by chain FSM (finite state machine). One of the following values:

- 0 - null - unloaded/terminated
- 1 - scheduled
- 2 - processing
- 3 - processed

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## Column LastCallAttID

The CallAttemptGUID generated by OCS for the last voice call that OCS tried to produce during the chain processing attempt.

## Column SwitchID

The DBID of the switch configuration object during the OCS produced outbound call during the last chain processing attempt (if known and reported by OCS).

## Column CPDResult

The CPD result from the last chain processing attempt (if known and reported by OCS).

## Column CallResult

The call result from the last chain processing attempt.

## Column Created

The GMT-equivalent date and time of Event Loaded as reported by OCS.

## Column Created\_ts

The UTC-equivalent value of the CREATED field. Milliseconds are truncated.

## Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to a record in the G\_TIMECODE table.

## Column Terminated

The GMT-equivalent date and time when the chain was finalized or unloaded, as reported by OCS.

## Column Terminated\_ts

The UTC-equivalent value of the TERMINATED field. Milliseconds are truncated.



**Column Terminated\_tcode**

A reference, derived from the value of the TERMINATED\_TS field, to a record in the G\_TIMECODE table.

**Column LastChanged**

The GMT-equivalent date and time of the last change of state of the chain, as reported by OCS in OCSD event.

**Column LastChanged\_ts**

The UTC-equivalent value of the LASTCHANGED field. Milliseconds are truncated.

**Column LastChanged\_tcode**

A reference, derived from the value of the LASTCHANGED\_TS field, to a record in the G\_TIMECODE table.

**Column InternalReason**

Reserved

**Index List**

Code	U	C	Table
IDX_GO_CHAIN_CHID	X		GO_Chain

**Table GO\_ChainRec\_hist**

This table contains the history of the chain/record processing, as reported by OCS. Changes to the chain state during chain processing result in the creation of a new record in this table. The record is inserted when information about chain state received from OCS. Records are never updated or deleted in this table.

Refer to "Chain Model" of the *Interaction Concentrator User's Guide* for a description of outbound chain states and an illustrative graphic of a Chain Finite State Machine.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
ChainGUID	CHAINGUID	varchar(64)		X	X	
RecordHandle	RECORDHANDLE	int		X		
State	STATE	int		X		
PrevState	PREVSTATE	int				
PrevSEnter	PREVSEENTER	datetime				
PrevSEnter_ts	PREVSEENTER_TS	int				
PrevSEnter_tcode	PREVSEENTER_TCODE	int				
Seq	SEQ	int		X		
Trans	TRANS	int		X		
Cause	CAUSE	int				
AgentID	AGENTID	int				
EndpointID	ENDPOINTID	int				
DialingFilterID	DIALINGFILTERID	int				
RecordType	RECORDTYPE	int				
TreatmentID	TREATMENTID	int				



Name	Code	Data Type	P	M	F	AN
DialMode	DIALMODE	int				
Attempt	ATTEMPT	int				
SwitchId	SWITCHID	int				
CallAttId	CALLATTID	varchar(64)				
CPDResult	CPDRESULT	int				
CallResult	CALLRESULT	int				
Added	ADDED	datetime				
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column ChainGUID

The unique identifier of the chain processing attempt, as reported by OCS. This ID cannot to be changed during chain processing. Same as GO\_CHAIN.CHAINGUID.

### Column RecordHandle

The RecordHandle of the record that OCS uses.

### Column State

The state of the chain as reported by chain FSM (finite state machine). One of the following values:

- 0 - null - unloaded/terminated
- 1 - scheduled
- 2 - processing
- 3 - processed

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### Column PrevState

The state of the chain as reported by chain FSM (finite state machine). One of the following values:

- 0 - null - unloaded/terminated
- 1 - scheduled



2 - processing

3 - processed

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##### Column PrevSEnter

The GMT-equivalent date and time when the previous record was inserted into this table. This is taken from the Outbound Contact Server event.

##### Column PrevSEnter\_ts

The UTC-equivalent value of the PREVSEnter field. Milliseconds are truncated.

##### Column PrevSEnter\_tcode

A reference, derived from the value of the PREVSEnter\_TS field, to a record in the G\_TIMECODE table.

##### Column Seq

The sequence number of the record within the same CHAINGUID.

##### Column Trans

The OCS event number.

##### Column Cause

The cause of campaign (or chain) state change, as provided by OCS. One of the following values:

- 0 - CampGrNormal
- 1 - CampGrConfigurationChanged
- 2 - CampGrLCASignal
- 3 - CampGrUnloadForcedCfgChanged
- 4 - CampGrUnloadForcedLCASignal
- 5 - CampGrUnloadForcedCliReq
- 6 - CampGrLoadsAsSequenceItem
- 7 - CampGrItemStartTimeElapsed
- 8 - CampGrItemContactsReached
- 9 - CampGrItemDialsReached
- 10 - CampGrItemEndTimeReached
- 11 - CampGrAgentsAvailable
- 12 - CampGrNoAgentsAvailable
- 13 - CampGrPortsAvailable
- 14 - CampGrNoPortsAvailable
- 15 - CampGrRecordsAvailable
- 16 - CampGrNoRecordsAvailable



- 17 - CampGrCPDAvailable
- 18 - CampGrNoCPDAvailable
- 19 - ChainNormal
- 20 - ChainRetrievedFromDB - Record selected from database (calling list)
- 21 - ChainCampaignUnloaded - Record unloaded due to whole campaign unloaded
- 22 - ChainDoNotCall
- 23 - ChainCancelled
- 24 - ChainRejected - Preview mode only
- 25 - ChainIsEmpty - All records in chain cancelled or chain cancelled
- 26 - ChainFilterModified - Customer has changed dialing filter for the calling list. All scheduled chains are affected.
- 27 - ChainNoMoreTreatments
- 28 - ChainInternalError
- 29 - ChainOutOfBoundaries
- 30 - ChainPriorityZero
- 31 - ChainGoalReached
- 32 - ChainMaxAttemptsReached
- 33 - ChainUnloadedByTreatment
- 34 - ChainConfigurationChanged
- 35 - ChainUnknownDNTransfer
- 36 - ChainWrongTransfer
- 37 - ChainCallbackToContinue
- 38 - ChainReschedToContinue
- 39 - ChainRecordAdded - add record request from the desktop, adds record to the chain which is currently in OCS buffers
- 40 - ChainTreatmentApplied
- 41 - ChainInDoNotCallList
- 42 - ChainDoNotCallRequested
- 43 - ChainCancelRequested
- 44 - ChainRejectRequested
- 45 - ChainEventRecordProcessed
- 46 - ChainDialerReleased
- 47 - ChainDialerError
- 48 - ChainForceUnloadStale
- 49 - ChainOverflown
- 50 - ChainRemoteRelease
- 51 - ChainStaleTimeout
- 52 - ChainCallResultReceived
- 53 - ChainProcessingDone
- 54 - ChainEventUpdateCallCompStats
- 55 - ChainEventRecordReschedule
- 56 - ChainCallProgressReceived

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### Column AgentID

The DBID of the agent (person) configuration object that sent a request which produced activity in the OCS that resulted in a record being inserted into this table. This occurs only if the activity is known by OCS and is reported to ICON.

### Column EndpointID

The DBID of the DN configuration object from the agent that sent a request to OCS. See AGENTID, above. This occurs only if the activity is known by OCS and is reported to ICON.

### Column DialingFilterID

The DBID of the Dialing filter configuration object that OCS used if applicable activity is reported by OCS.

### Column RecordType

The record type as reported by OCS.

### Column TreatmentID

The DBID of the Treatment configuration object, as reported by OCS.

### Column DialMode

The dial mode of the campaign that OCS used to produce outbound activity.

### Column Attempt

The sequence number of the chain processing attempt.

### Column SwitchID

The DBID of the switch configuration object from OCS that produced activity during campaign processing.

### Column CallAttID

The call attempt GUID. This is generated and assigned by OCS. The GUID is unique for each outbound call producing attempt.

### Column CPDResult

The CPD result, as reported by OCS.

### Column CallResult

The final call result, as reported by OCS. Refer to the Appendix for a complete listing of permissible values.

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### Column Added

The GMT-equivalent date and time when the change in chain state was added to this table, as reported by OCS.

### Column Added\_ts

The UTC-equivalent value of the ADDED field. Milliseconds are truncated.

### Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.

## Table GO\_Custom\_Fields

This table contains information about the content of the custom defined fields for storage in ICON.

**Warning!** These are not configured as protected fields. Records are inserted in this table when the load of the record is reported by OCS. The records contain the current and last values of the fields. The record is updated when the field changes.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X	X	X
ChainGUID	CHAINGUID	varchar(64)		X		
RecordHandle	RECORDHANDLE	int		X	X	
FieldID	FIELDID	int		X		
Value	VALUE	varchar(255)				
LastChainUpdSeq	LASTCHAINUPDSEQ	int		X		
LastChanged	LASTCHANGED	datetime		X		
LastChanged_ts	LASTCHANGED_TS	int				
LastChanged_tcode	LASTCHANGED_TCODE	int				
Loaded	LOADED	datetime		X		
Loaded_ts	LOADED_TS	int				
Loaded_tcode	LOADED_TCODE	int				
Unloaded	UNLOADED	datetime				
Unloaded_ts	UNLOADED_TS	int				
Unloaded_tcode	UNLOADED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.



### Column ChainGUID

The unique identifier of the chain processing attempt, as reported by OCS. This ID cannot to be changed during chain processing. Same as GO\_CHAIN.CHAINGUID.

### Column RecordHandle

The record handle of the record taken from this custom field.

### Column FieldID

The DBID of the Field configuration object.

### Column Value

The value of the field.

### Column LastChainUpdSeq

Same as GO\_CHAINREC\_HIST.SEQ.

### Column LastChanged

The GMT-equivalent last date and time when information about the field was reported by OCS.

### Column LastChanged\_ts

The UTC-equivalent value of the LASTCHANGED field. Milliseconds are truncated.

### Column LastChanged\_tcode

A reference, derived from the value of the LASTCHANGED\_TS field, to a record in the G\_TIMECODE table.

### Column Loaded

The GMT-equivalent date and time when the record from which this field is taken was loaded by OCS.

### Column Loaded\_ts

The UTC-equivalent value of the LOADED field. Milliseconds are truncated.

### Column Loaded\_tcode

A reference, derived from the value of the LOADED\_TS field, to a record in the G\_TIMECODE table.

### Column Unloaded

The GMT-equivalent date and time when the record from this field was unloaded by OCS.

### Column Unloaded\_ts

The UTC-equivalent value of the UNLOADED field. Milliseconds are truncated.



## Column Unloaded\_tcode

A reference, derived from the value of the UNLOADED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_CUSTOMF_CHID			GO_Custom_Fields
IDX_CUSTOMF_FID	X		GO_Custom_Fields

## Table GO\_FieldHist

This table contains information about the history of the field changes in the records, as reported by OCS, during chain processing.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
ChainGUID	CHAINGUID	varchar(64)		X	X	
RecordHandle	RECORDHANDLE	int		X	X	
FieldID	FIELDID	int		X	X	
OldValue	OLDVALUE	varchar(255)				
NewValue	NEWVALUE	varchar(255)				
PrevEnter	PREVENTER	datetime				
PrevEnter_ts	PREVENTER_TS	int				
PrevEnter_tcode	PREVENTER_TCODE	int				
Seq	SEQ	int		X		
ChainHistSeq	CHAINHISTSEQ	int		X	X	
CallAttID	CALLATTID	varchar(50)				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

## Column ID

The unique, autonumbered ID of this record. This is the primary key.

## Column ChainGUID

The unique identifier of the chain processing attempt, as reported by OCS. This ID cannot to be changed during chain processing. Same as GO\_CHAIN.CHAINGUID.



**Column RecordHandle**

The record handle of the record taken from this custom field.

**Column FieldID**

The DBID of the Field configuration object.

**Column OldValue**

The previous value of the field. On record load time the value is “null”.

**Column NewValue**

The new value of the field.

**Column PrevEnter**

The GMT-equivalent date and time when the previous value of the field was reported by OCS.

**Column PrevEnter\_ts**

The UTC-equivalent value of the PREVENTER field. Milliseconds are truncated.

**Column PrevEnter\_tcode**

A reference, derived from the value of the PREVENTER\_TS field, to a record in the G\_TIMECODE table.

**Column Seq**

The sequence number of the record within the field change history.

**Column ChainHistSeq**

Same as GO\_CHAINREC\_HIST.SEQ.

**Column CallAttID**

The call attempt GUID. This is generated and assigned by OCS. The GUID is unique for each outbound call producing attempt.

Same as GO\_CHAINREC\_HIST.CALLATTID.

**Column Added**

The GMT-equivalent date and time when the change of the field was reported by OCS. This is taken from the Outbound Contact Server event.

**Column Added\_ts**

The UTC-equivalent value of the ADDED field. Milliseconds are truncated.



## Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.

## Table GO\_Metrics

This table contains the current and latest values of pre-calculated OCS metrics. Records are inserted at the time ICON receives metric information. The information includes the specified type the first time that the combination of objects is specified. The record is updated each time ICON receives changes to metric data.

Refer to the "Integration with Outbound Contact" chapter in the *Interaction Concentrator User's Guide* for a description of the pre-calculated metrics that ICON stores for OCS.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
SessID	SESSID	varchar(64)				
CallingListID	CALLINGLISTID	int				
ChainGUID	CHAINGUID	varchar(64)				
CallAttID	CALLATTID	varchar(64)				
OCSID	OCSID	int				
RecordHandle	RECORDHANDLE	int				
ResID1	RESID1	varchar(64)				
ResID2	RESID2	varchar(64)				
Type	TYPE	int		X		
Value	VALUE	int		X		
Seq	SEQ	int				
USeq	USEQ	int				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

## Column ID

The unique, autonumbered ID of this record. This is the primary key.

## Column SessID

The unique identifier of the Campaign processing attempt. If a campaign has been unloaded and then reloaded, OCS assigns a new SessionGUID. Same as GO\_CAMPAIGN.SESSID.



### Column CallingListID

The DBID of the Calling List object in the Configuration database. This ID cannot be changed during chain processing. Same as GO\_CHAIN.CALLINGLISTID.

### Column ChainGUID

The unique identifier of the chain processing attempt, as reported by OCS. This ID cannot to be changed during chain processing. Same as GO\_CHAIN.CHAINGUID.

### Column CallAttID

The CallAttemptGUID generated by OCS for the last voice call that OCS tried to produce during the chain processing attempt. Same as GO\_CHAIN.LASTCALLATTID.

### Column OCSID

The DBID of the configured OCS application that reported activity related to this metric.

### Column RecordHandle

The RecordHandle of the record that OCS used in the last chain processing attempt. Same as GO\_CHAIN.RECORDHANDLE.

### Column ResID1

Reserved

### Column ResID2

Reserved

### Column Type

The type of metric. One of the following values:

0 - GOMetricTypeUndefined - Reserved

1 - GOMetricTotalRecsPerList - Total number of physical records in the calling list database view (i.e. database table + optional WHERE clause from the dialing filter)

2 - GOMetricTotalRecsPerCampGr - Total number of physical records in all database views (see above) whose calling lists are assigned to the campaign participating in the campaign group

3 - GOMetricTotalChainsPerList - Total number of logical chains in the calling list database view (i.e. database table + optional WHERE clause from the dialing filter). A logical chain is defined as 1 or more database table records bearing the same Chain ID value

4 - GOMetricTotalChainsPerCampGr - Total number of logical chains in all database views (see above) whose calling lists are assigned to the campaign participating in the campaign group

5 - GOMetricCurrRecsNotProcPerList - Current number of physical records in the calling list database view (i.e. database table + optional WHERE clause from the dialing filter) which have type GENERAL and status READ

6 - GOMetricCurrRecsNotProcPerCampGr - Current number of physical records in all database views (see above) which have type GENERAL and status READY, whose calling lists are assigned to the campaign participating in



the campaign group

7 - GOMetricCurrChainsNotProcPerList - Current number of logical chains in the calling list database view (i.e. database table + optional WHERE clause from the dialing filter) where at least 1 record of the chain has type GENERAL and status READY. Logical chain is defined as 1 or more database table records bearing the same Chain ID value

8 - GOMetricCurrChainsNotProcPerCampGr - Current number of logical chains in all database views (see above) where at least 1 record of the chain has type GENERAL and status READY, and whose calling lists are assigned to the campaign participating in the campaign group

9 - GOMetricCurrUsedPortsPerCampGr - Current number of busy (currently occupied for placing outbound calls) CPD Server ports or Switch call classifier ports

10 - GOMetricCurrUsedEngPortsPerCampGr - Current number of ports used by engaged calls placed by CPD Server. Calculated only for campaign groups activated in ASM dialing modes with CPD Server

11 - GOMetricDetailCallsOverdialed - The metric shows that the given call is considered to be overdialed by Outbound Dialing Engine

12 - GOMetricTimeOutboundCallDialing - Dialing Duration (in msec). Calculated by OCS for each outbound call

13 - GOMetricTimeOutboundCallTransfer - Call Transfer Duration (in msec). Calculated by OCS for each outbound call

14 - GOMetricTimeOutboundCallCPD - Post-connect Call Progress Detection Duration (in msec). Calculated by OCS for each outbound call

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Column Value

The OCS-provided value for the corresponding statistic type.

Column Seq

The sequence number of the metric for the same object.

Column USeq

Reserved

Column Added

The GMT-equivalent date and time when the value of the metric was reported by OCS.

Column Added\_ts

The UTC-equivalent value of the ADDED field. Milliseconds are truncated.

Column Added\_tcode

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.



## Table GO\_Record

This table contains information about the content of the records as reported by OCS (mandatory fields only). Records are inserted into this table at the time the loading of the record is reported by OCS. Records contain current and last values of the fields. Records are updated when any mandatory field changes.

For a description of each mandatory field, refer to the Outbound Contact Server documentation set.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
ChainGUID	CHAINGUID	varchar(64)			X	
RecordHandle	RECORDHANDLE	int		X		
M_chain_id	M_CHAIN_ID	int		X		
M_chain_n	M_CHAIN_N	int		X		
M_agent_id	M_AGENT_ID	varchar(128)				
M_attempt	M_ATTEMPT	int				
M_call_result	M_CALL_RESULT	int				
M_call_time	M_CALL_TIME	int				
M_daily_from	M_DAILY_FROM	int				
M_daily_till	M_DAILY_TILL	int				
M_dial_sched_time	M_DIAL_SCHED_TIME	int				
M_contact_info	M_CONTACT_INFO	varchar(128)				
M_contact_infotype	M_CONTACT_INFOTYPE	int				
M_record_id	M_RECORD_ID	int				
M_record_status	M_RECORD_STATUS	int		X		
M_record_type	M_RECORD_TYPE	int		X		
M_tz_dbid	M_TZ_DBID	int		X		
M_app_id	M_APP_ID	int				
M_campaign_id	M_CAMPAIGN_ID	int		X		
M_email_subject	M_EMAIL_SUBJECT	varchar(255)				
M_email_templateid	M_EMAIL_TEMPLATEID	int				
M_group_id	M_GROUP_ID	int		X		
M_media_ref	M_MEDIA_REF	int				
M_switch_id	M_SWITCH_ID	int				
M_treatments	M_TREATMENTS	varchar(255)				
LastChainUpdSeq	LASTCHAINUPDSEQ	int				
LastChanged	LASTCHANGED	datetime				
LastChanged_ts	LASTCHANGED_TS	int				
LastChanged_tcode	LASTCHANGED_TCODE	int				
Loaded	LOADED	datetime		X		
Loaded_ts	LOADED_TS	int				
Loaded_tcode	LOADED_TCODE	int				
Unloaded	UNLOADED	datetime				
Unloaded_ts	UNLOADED_TS	int				
Unloaded_tcode	UNLOADED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				



Name	Code	Data Type	P	M	F	AN
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record in the table. This is the primary key.

### Column ChainGUID

The unique identifier of the chain processing attempt, as reported by OCS. This ID cannot to be changed during chain processing. Same as GO\_CHAIN.CHAINGUID.

### Column RecordHandle

The record handle taken from the record of this custom field.

### Column M\_chain\_id

The unique identification number of the chain to which the record belongs.

### Column M\_chain\_n

The unique identification number of the record within the chain.

### Column M\_agent\_id

The login identifier of the agent who handled the record.

### Column M\_call\_result

Final outcome of the record processing. Refer to the "Call Result Types" table in the *Outbound Contact Reference Manual* for additional information.

### Column M\_call\_time

Latest date and time the record has been processed (dialed), in UTC format.

### Column M\_daily\_from

Earliest time of the day when a customer can be contacted (seconds since midnight).

### Column M\_daily\_till

Latest time of the day when a customer can be contacted (seconds since midnight).

### Column M\_dial\_sched\_time

Date and time for which the processing of the record has been scheduled or rescheduled, in UTC format.



**Column M\_contact\_info**

The customer's contact information, which is the phone number in the voice campaign.

**Column M\_contact\_infotype**

Type of contact information, phone type in the voice campaign. Refer to the “Contact Information Types” table in the *Outbound Contact Reference Manual* for additional information.

**Column M\_record\_id**

The unique identification number of a calling record.

**Column M\_record\_status**

The current status of the record. Refer to the “Record Statuses” table in the *Outbound Contact Reference Manual* for additional information.

**Column M\_record\_type**

The type of the record. Refer to the “Record Types” table in the *Outbound Contact Reference Manual* for additional information.

**Column M\_tz\_dbid**

The configuration DBID of the time zone object associated with the calling record.

**Column M\_app\_id**

Reserved for future use.

**Column M\_campaign\_id**

The configuration DBID of the Outbound Dialing Campaign as a part of which the record has been processed.

**Column M\_email\_subject**

Reserved for future use.

**Column M\_email\_templateid**

Reserved for future use.

**Column M\_group\_id**

Reserved for future use.

**Column M\_media\_ref**

Reserved for future use.



**Column M\_switch\_id**

The DBID of the switch where the agent who handled the record logged in.

**Column M\_treatments**

Treatments application history. For more information, refer to the “Treatments” chapter in the *Outbound Contact 7.5 Deployment Guide*.

**Column LastChainUpdSeq**

Same as GO\_CHAINREC\_HIST.SEQ.

**Column LastChanged**

The GMT-equivalent date and time when the change to any mandatory field in the record was reported by OCS. This is taken from the Outbound Contact Server event.

**Column LastChanged\_ts**

The UTC-equivalent value of the LASTCHANGED field. Milliseconds are truncated.

**Column LastChanged\_tcode**

A reference, derived from the value of the LASTCHANGED\_TS field, to a record in the G\_TIMECODE table.

**Column Loaded**

The GMT-equivalent date and time when the record taken from this field was loaded by OCS.

**Column Loaded\_ts**

The UTC-equivalent value of the LOADED field. Milliseconds are truncated.

**Column Loaded\_tcode**

A reference, derived from the value of the LOADED\_TS field, to a record in the G\_TIMECODE table.

**Column Unloaded**

The GMT-equivalent date and time when the record taken from this field was unloaded by OCS.

**Column Unloaded\_ts**

The UTC-equivalent value of the UNLOADED field. Milliseconds are truncated.

**Column Unloaded\_tcode**

A reference, derived from the value of the UNLOADED\_TS field, to a record in the G\_TIMECODE table.



## Index List

Code	U	C	Table
IDX_GO_REC_CHID			GO_Record
IDX_GO_REC_PHID	X		GO_Record

## Table GO\_Sec\_FieldHist

This table contains information about the history of changes to fields that are configured as protected, as reported by OCS during chain processing.

## Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
ChainGUID	CHAINGUID	varchar(64)		X		
RecordHandle	RECORDHANDLE	int		X		
FieldID	FIELDID	int		X		
OldValue	OLDVALUE	varchar(255)				
NewValue	NEWVALUE	varchar(255)				
PrevEnter	PREVENTER	datetime				
PrevEnter_ts	PREVENTER_TS	int				
PrevEnter_tcode	PREVENTER_TCODE	int				
Seq	SEQ	int		X		
ChainHistSeq	CHAINHISTSEQ	int		X		
CallAttID	CALLATTID	varchar(50)				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column ChainGUID

The unique identifier of the chain processing attempt, as reported by OCS. This ID cannot to be changed during chain processing. Same as GO\_CHAIN.CHAINGUID.

### Column RecordHandle

The record handle taken from the record of this custom field.



**Column FieldID**

The DBID of the Field configuration object.

**Column OldValue**

The previous value of the field. On record load time, the value is “null”.

**Column NewValue**

The new value of the field.

**Column PrevEnter**

The GMT-equivalent date and time when the previous value of the field was reported by OCS.

**Column PrevEnter\_ts**

The UTC-equivalent value of the PREVENTER field. Milliseconds are truncated.

**Column PrevEnter\_tcode**

A reference, derived from the value of the PREVENTER\_TS field, to a record in the G\_TIMECODE table

**Column Seq**

The sequence number of the record within the field change history.

**Column ChainHistSeq**

Same as GO\_CHAINREC\_HIST.SEQ.

**Column CallAttID**

Same as GO\_CHAINREC\_HIST.CALLATTID.

**Column Added**

The GMT-equivalent date and time when the change of the field was reported by OCS. This is taken from the Outbound Contact Server event.

**Column Added\_ts**

The UTC-equivalent value of the ADDED field. Milliseconds are truncated.

**Column Added\_tcode**

A reference, derived from the value of the ADDED\_TS field, to a record in the G\_TIMECODE table.



## Table GO\_Secure\_Fields

This table contains information regarding the content of the custom defined fields that are configured to be stored in ICON. They are configured as protected fields. Records are inserted into this table when the load of the record is reported by OCS. The records contain current and last values of the fields. Records are updated at the time that a field changes.

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
ChainGUID	CHAINGUID	varchar(64)		X		
RecordHandle	RECORDHANDLE	integer		X		
FieldID	FIELDID	integer		X		
Value	VALUE	varchar(255)				
LastChainUpdSeq	LASTCHAINUPDSEQ	integer		X		
LastChanged	LASTCHANGED	datetime		X		
LastChanged_ts	LASTCHANGED_TS	int				
LastChanged_tcode	LASTCHANGED_TCODE	int				
Loaded	LOADED	datetime		X		
Loaded_ts	LOADED_TS	int				
Loaded_tcode	LOADED_TCODE	int				
Unloaded	UNLOADED	datetime				
Unloaded_ts	UNLOADED_TS	int				
Unloaded_tcode	UNLOADED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column ChainGUID

The unique identifier of the chain processing attempt, as reported by OCS. This ID cannot to be changed during chain processing. Same as GO\_CHAIN.CHAINGUID.

### Column RecordHandle

The record handle of the record taken from this custom field.

### Column FieldID

The DBID of the Field configuration object.



### Column Value

The value of the field.

### Column LastChainUpdSeq

This is equal to the value of the seq field seq in the related record in GO\_CHAINREC\_HIST.

### Column LastChanged

The GMT-equivalent date and time when information about the field was last reported by OCS.

### Column LastChanged\_ts

The UTC-equivalent value of the LASTCHANGED field. Milliseconds are truncated.

### Column LastChanged\_tcode

A reference, derived from the value of the LASTCHANGED\_TS field, to a record in the G\_TIMECODE table.

### Column Loaded

The GMT-equivalent date and time when the record taken from this field was loaded by OCS.

### Column Loaded\_ts

The UTC-equivalent value of the LOADED field. Milliseconds are truncated.

### Column Loaded\_tcode

A reference, derived from the value of the LOADED\_TS field, to a record in the G\_TIMECODE table.

### Column Unloaded

The GMT-equivalent date and time when the record taken from this field was unloaded by OCS.

### Column Unloaded\_ts

The UTC-equivalent value of the UNLOADED field. Milliseconds are truncated.

### Column Unloaded\_tcode

A reference, derived from the value of the UNLOADED\_TS field, to a record in the G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_SECUREF_CHID			GO_Secure_Fields
IDX_SECUREF_PHID	X		GO_Secure_Fields



Chapter 4: Multimedia Attached Data Schema

Diagram Data Model

GM_F_USERDATA		
<u>ID</u>	numeric(16)	<pk>
CALLID	varchar(50)	
G_FROM_NAME	varchar(255)	
G_CALLED_BACK	varchar(255)	
G_SUBJECT	varchar(255)	
G_ORIGIN_SOURCE	varchar(128)	
G_FROM_ADDRESS	varchar(255)	
G_SUB_TYPE	varchar(255)	
G_RECEIVED_D	datetime	
G_RECEIVED_TS	int	
G_RECEIVED_TCODE	int	
GSYS_DOMAIN	int	
GSYS_PARTITION	int	
GSYS_SYS_ID	int	
GSYS_SEQ	bigint	
GSYS_USEQ	bigint	
GSYS_TS	datetime	
GSYS_TC	int	
GSYS_EXT_VCH1	varchar(255)	
GSYS_EXT_VCH2	varchar(255)	
GSYS_EXT_INT1	int	
GSYS_EXT_INT2	int	
G_RESERVED1	varchar(255)	
G_RESERVED2	varchar(255)	
G_RESERVED3	varchar(255)	
G_RESERVED4	varchar(255)	

GM_L_USERDATA		
<u>ID</u>	numeric(16)	<pk>
CALLID	varchar(50)	
G_S_RESPONSE	varchar(255)	
G_A_RESPONSE	varchar(255)	
G_A_ACK	varchar(255)	
G_STOP_REASON	varchar(128)	
G_UCS_CONTACT_ID	varchar(255)	
G_RESERVED1	varchar(255)	
G_RESERVED2	varchar(255)	
GSYS_DOMAIN	int	
GSYS_PARTITION	int	
GSYS_SYS_ID	int	
GSYS_SEQ	bigint	
GSYS_USEQ	bigint	
GSYS_TS	datetime	
GSYS_TC	int	
GSYS_EXT_VCH1	varchar(255)	
GSYS_EXT_VCH2	varchar(255)	
GSYS_EXT_INT1	int	
GSYS_EXT_INT2	int	

Index List

Table	Code	U
GM_F_USERDATA	IDX_GM_F_UDATA_CID	X
GM_L_USERDATA	IDX_GM_L_UDATA_CID	X

Table GM\_F\_USERDATA

This table contains information about predefined logical keys in the attached data of multimedia interactions. The data store in this table corresponds to the data available after interaction creation.

Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CALLID	CALLID	varchar(50)		X		
G_FROM_NAME	G_FROM_NAME	varchar(255)				
G_CALLED_BACK	G_CALLED_BACK	varchar(255)				



Name	Code	Data Type	P	M	F	AN
G_SUBJECT	G_SUBJECT	varchar(255)				
G_ORIGIN_SOURCE	G_ORIGIN_SOURCE	varchar(128)				
G_FROM_ADDRESS	G_FROM_ADDRESS	varchar(255)				
G_SUB_TYPE	G_SUB_TYPE	varchar(255)				
G_RECEIVED_D	G_RECEIVED_D	datetime				
G_RECEIVED_TS	G_RECEIVED_TS	int				
G_RECEIVED_TCODE	G_RECEIVED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				
G_RESERVED1	G_RESERVED1	varchar(255)				
G_RESERVED2	G_RESERVED2	varchar(255)				
G_RESERVED3	G_RESERVED3	varchar(255)				
G_RESERVED4	G_RESERVED4	varchar(255)				

### Column ID

The unique, autonumbered ID of the record. This is the primary key.

### Column CALLID

The Multimedia interaction ID having the same value as that stored in the CALLID field of the G\_CALL table.

### Column G\_FROM\_NAME

The value of the From Name logical key, which corresponds to the mcr-from-name logical name.

### Column G\_CALLED\_BACK

The value of the Called Back logical key, which corresponds to the mcr-called-back logical name.

### Column G\_SUBJECT

The value of the Subject logical key, which corresponds to the mcr-subject logical name.

### Column G\_ORIGIN\_SOURCE

The value of the Origination Source logical key, which corresponds to the mcr-origin-source logical name.

### Column G\_FROM\_ADDRESS

The value of the From Email Address logical key, which corresponds to the mcr-from-address logical name.



**Column G\_SUB\_TYPE**

The value of the Interaction Sub Type logical key.

**Column G\_RECEIVED\_D**

The GMT-equivalent time when the email interaction was downloaded by the multimedia Email Server.

**Column G\_RECEIVED\_TS**

The UTC-equivalent value of the G\_RECEIVED\_D field.

**Column G\_RECEIVED\_TCODE**

A reference, derived from the value of the G\_RECEIVED\_TS field, to a record in the G\_TIMECODE table.

**Column G\_RESERVED1 through G\_RESERVED4**

Reserved for future use.

**Index List**

Code	U	C	Table
IDX_GM_F_UDATA_CID	X		GM_F_USERDATA

**Table GM\_L\_USERDATA**

This table contains information about predefined logical keys in the attached data of multimedia interactions. The data store in this table corresponds to the data available after interaction termination.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CALLID	CALLID	varchar(50)		X		
G_S_RESPONSE	G_S_RESPONSE	varchar(255)				
G_A_RESPONSE	G_A_RESPONSE	varchar(255)				
G_A_ACK	G_A_ACK	varchar(255)				
G_STOP_REASON	G_STOP_REASON	varchar(128)				
G_UCS_CONTACT_ID	G_UCS_CONTACT_ID	varchar(255)				
G_RESERVED1	G_RESERVED1	varchar(255)				
G_RESERVED2	G_RESERVED2	varchar(255)				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				



Column ID  
The unique, autonumbered ID of the record. This is the primary key.

Column CALLID  
The Multimedia interaction ID having the same value as that stored in the CALLID field of the G\_CALL table.

Column G\_S\_RESPONSE  
The value of the Suggested Response logical key, which corresponds to the mcr-suggested-response logical name.

Column G\_A\_RESPONSE  
The value of the Automated Response logical key, which corresponds to the mcr-auto-response logical name.

Column G\_A\_ACK  
The value of the Auto Acknowledgment logical key, which corresponds to the mcr-auto-ack logical name.

Column G\_STOP\_REASON  
The value of the Stop Reason logical key.

Column G\_UCS\_CONTACT\_ID  
The value of the Multimedia Customer ID logical key, which corresponds to the mcr-ucs-contact-id logical name.

Column G\_RESERVED1 through G\_RESERVED2  
Reserved for future use.

Index List

Code	U	C	Table
IDX_GM_L_UDATA_CID	X		GM_L_USERDATA



# Chapter 5: Virtual Queue Schema

## Diagram Data Model

G_VIRTUAL_QUEUE		
ID	numeric(16)	<pk>
VQID	varchar(50)	
VQDN	varchar(255)	
VQDNID	int	
VQSwitchID	int	
OrigCallID	varchar(50)	
OrigSwitchID	int	
OrigDNType	int	
OrigDN	varchar(255)	
OrigDNID	int	
OrigObjType	int	
TargetCallID	varchar(50)	
TargetSwitchID	int	
TargetDNType	int	
TargetDN	varchar(255)	
TargetDNID	int	
TargetObjType	int	
DistCallID	varchar(50)	
DistSwitchID	int	
DistDNType	int	
DistDN	varchar(255)	
DistDNID	int	
DistObjType	int	
VQExtVCH1	varchar(50)	
VQExtVCH2	varchar(50)	
Status	int	
Cause	int	
Created	datetime	
Created_ts	int	
Created_tcode	int	
Terminated	datetime	
Terminated_ts	int	
Terminated_tcode	int	

## Index List

Table	Code	U
G_VIRTUAL_QUEUE	IDX_G_VQUEUE_VQID	X

## Table G\_VIRTUAL\_QUEUE

This table contains information about the use of virtual queues in interaction processing, according to the data passed from the Universal Routing Server through the T-Server application.

## Column List

Name	Code	Data Type	P	M	F
ID	ID	numeric(16)	X	X	
VQID	VQID	varchar(50)		X	
VQDN	VQDN	varchar(255)		X	
VQDNID	VQDNID	int		X	
VQSwitchID	VQSWITCHID	int		X	
OrigCallID	ORIGCALLID	varchar(50)		X	
OrigSwitchID	ORIGSWITCHID	int			



Name	Code	Data Type	P	M	F
OrigDNType	ORIGDNTYPE	int			
OrigDN	ORIGDN	varchar(255)			
OrigDNID	ORIGDNID	int			
OrigObjType	ORIGOBJTYPE	int			
TargetCallID	TARGETCALLID	varchar(50)			
TargetSwitchID	TARGETSWITCHID	int			
TargetDNType	TARGETDNTYPE	int			
TargetDN	TARGETDN	varchar(255)			
TargetDNID	TARGETDNID	int			
TargetObjType	TARGETOBJTYPE	int			
DistCallID	DISTCALLID	varchar(50)			
DistSwitchID	DISTSWITCHID	int			
DistDNType	DISTDNTYPE	int			
DistDN	DISTDN	varchar(255)			
DistDNID	DISTDNID	int			
DistObjType	DISTOBJTYPE	int			
VQExtVCH1	VQEXTVCH1	varchar(50)			
VQExtVCH2	VQEXTVCH2	varchar(50)			
Status	STATUS	int		X	
Cause	CAUSE	int		X	
Created	CREATED	datetime		X	
Created_ts	CREATED_TS	int		X	
Created_tcode	CREATED_TCODE	int		X	
Terminated	TERMINATED	datetime			
Terminated_ts	TERMINATED_TS	int			
Terminated_tcode	TERMINATED_TCODE	int			
GSYS_DOMAIN	GSYS_DOMAIN	int			
GSYS_PARTITION	GSYS_PARTITION	int			
GSYS_SYS_ID	GSYS_SYS_ID	int			
GSYS_SEQ	GSYS_SEQ	bigint			
GSYS_USEQ	GSYS_USEQ	bigint			
GSYS_TS	GSYS_TS	datetime			
GSYS_TC	GSYS_TC	int			
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)			
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)			
GSYS_EXT_INT1	GSYS_EXT_INT1	int			
GSYS_EXT_INT2	GSYS_EXT_INT2	int			

### Column ID

The unique, autonumbered ID of the virtual queue record. This is the primary key. Autonumbering is controlled by the RDBMS.

### Column VQID

Uniquely identifies each virtual queue record, corresponding to the EventQueued/EventDiverted or EventQueued/EventAbandoned pairs of TEvents.

### Column VQDN

The directory number of the virtual queue, as configured in Configuration Server, where the interaction was queued.



### Column VQDNID

The DBID of the virtual queue where the interaction was queued.

### Column VQSwitchID

The DBID of the switch where the virtual queue is configured.

### Column OrigCallID

The reference to the original call, by CALLID, for which the EventQueued TEvent was reported.

### Columns OrigSwitchID through TargetObjType

Reserved for future use.

### Column DistCallID

The call ID of the interaction prior to distribution to the routing target or abandonment.

### Columns DistSwitchID through VQExtVCH2

Reserved for future use.

### Column Status

The current status of the virtual queue record, represented by one of the following Call Control Event dictionary types:

- 1 - unknown
- 0 - bridged
- 1 - connection\_cleared
- 2 - delivered
- 3 - established
- 4 - failed
- 5 - held
- 6 - offered
- 7 - originated
- 8 - queued
- 9 - retrieved
- 10 - service\_initiated
- 11 - transferred
- 12 - conferenced
- 13 - diverted

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## Column Cause

The cause leading to the status change in the association between the call interaction and the virtual queue, represented by one of the following VQCause dictionary types:

- 1 - normal
- 2 - abandoned
- 3 - stuck
- 101 - routed from a parallel virtual queue to the target destination
- 102 - routed by URS to the default destination
- 103 - routed by the switch to the default destination
- 104 - execute clear target
- 105 - other
- 133 - routing timeout expired on Interaction Server (for open media interactions only)
- 134 - interaction is taken (pulled out) from strategy by Interaction Server (for open media interactions only)

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### Column Created

The GMT-equivalent date and time when the record was created, as inherited from the EventQueued TEvent.

### Column Created\_ts

The UTC-equivalent value of the CREATED field.

### Column Created\_tcode

A reference, derived from the value of the CREATED\_TS field, to record in G\_TIMECODE table.

### Column Terminated

The GMT-equivalent date and time when the record was terminated, as inherited from either the EventDiverted or EventAbandoned TEvents.

### Column Terminated\_ts

The UTC-equivalent value of the TERMINATED field.

### Column Terminated\_tcode

A reference, derived from the value of the TERMINATED\_TS field, to record in G\_TIMECODE table.

## Index List

Code	U	C	Table
IDX_G_VQUEUE_VQID	X		G_VIRTUAL_QUEUE



## Chapter 6: Custom States Schema

### Diagram Data Model

G_CUSTOM_DATA_P			G_CUSTOM_DATA_S			G_CUSTOM_STATES		
ID	numeric(16)	<pk>	ID	numeric(19)	<pk>	ID	numeric(16)	<pk>
CallID	varchar(50)		CallID	varchar(50)		CallID	varchar(50)	
PartyID	varchar(50)		PartyID	varchar(50)		PartyID	varchar(50)	
PSEQ	int		PSEQ	int		PSEQ	int	
EndPointID	int		EndPointID	int		EndPointID	int	
EndPointDN	varchar(255)		EndPointDN	varchar(255)		EndPointDN	varchar(255)	
AgentID	int		AgentID	int		AgentID	int	
SwitchID	int		SwitchID	int		SwitchID	int	
TenantID	int		TenantID	int		TenantID	int	
Added	datetime		KeyName	varchar(64)		StateCode	int	
Added_ts	int		Value	varchar(255)		CUST_DATA_1	varchar(128)	
Added_tcode	int		Added	datetime		CUST_DATA_2	varchar(128)	
CUST_DATA_1	varchar(128)		Added_ts	int		CUST_DATA_3	varchar(128)	
CUST_DATA_2	varchar(128)		Added_tcode	int		CUST_DATA_4	varchar(128)	
CUST_DATA_3	varchar(128)					CUST_DATA_5	varchar(128)	
CUST_DATA_4	varchar(128)					CUST_DATA_6	varchar(128)	
CUST_DATA_5	varchar(128)					CUST_DATA_7	varchar(128)	
CUST_DATA_6	varchar(128)					CUST_DATA_8	varchar(128)	
CUST_DATA_7	varchar(128)					CUST_DATA_9	varchar(128)	
CUST_DATA_8	varchar(128)					CUST_DATA_10	varchar(128)	
CUST_DATA_9	varchar(128)					CUST_DATA_11	varchar(128)	
CUST_DATA_10	varchar(128)					CUST_DATA_12	varchar(128)	
CUST_DATA_11	varchar(128)					CUST_DATA_13	varchar(128)	
CUST_DATA_12	varchar(128)					CUST_DATA_14	varchar(128)	
CUST_DATA_13	varchar(128)					CUST_DATA_15	varchar(128)	
CUST_DATA_14	varchar(128)					CUST_DATA_16	varchar(128)	
CUST_DATA_15	varchar(128)					CUST_DATA_17	varchar(128)	
CUST_DATA_16	varchar(128)					CUST_DATA_18	varchar(128)	
CUST_DATA_17	varchar(128)					CUST_DATA_19	varchar(128)	
CUST_DATA_18	varchar(128)					Added	datetime	
CUST_DATA_19	varchar(128)					Added_ts	int	
						Added_tcode	int	
						Terminated	datetime	
						Terminated_ts	int	
						Terminated_tcode	int	

### Table G\_CUSTOM\_DATA\_P

This table contains principal information about user data that is attached to a voice call interaction. This information originates from T-Server's EventUserEvent TEvents.

#### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CallID	CALLID	varchar(50)				
PartyID	PARTYID	varchar(50)				
PSEQ	PSEQ	int		X		
EndPointID	ENDPOINTID	int				
EndPointDN	ENDPOINTDN	varchar(255)				
AgentID	AGENTID	int				
SwitchID	SWITCHID	int				
TenantID	TENANTID	int				
Added	ADDED	datetime		X		



Name	Code	Data Type	P	M	F	AN
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
CUST_DATA_1	CUST_DATA_1	varchar(128)				
CUST_DATA_2	CUST_DATA_2	varchar(128)				
CUST_DATA_3	CUST_DATA_3	varchar(128)				
CUST_DATA_4	CUST_DATA_4	varchar(128)				
CUST_DATA_5	CUST_DATA_5	varchar(128)				
CUST_DATA_6	CUST_DATA_6	varchar(128)				
CUST_DATA_7	CUST_DATA_7	varchar(128)				
CUST_DATA_8	CUST_DATA_8	varchar(128)				
CUST_DATA_9	CUST_DATA_9	varchar(128)				
CUST_DATA_10	CUST_DATA_10	varchar(128)				
CUST_DATA_11	CUST_DATA_11	varchar(128)				
CUST_DATA_12	CUST_DATA_12	varchar(128)				
CUST_DATA_13	CUST_DATA_13	varchar(128)				
CUST_DATA_14	CUST_DATA_14	varchar(128)				
CUST_DATA_15	CUST_DATA_15	varchar(128)				
CUST_DATA_16	CUST_DATA_16	varchar(128)				
CUST_DATA_17	CUST_DATA_17	varchar(128)				
CUST_DATA_18	CUST_DATA_18	varchar(128)				
CUST_DATA_19	CUST_DATA_19	varchar(128)				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column CallID

This field points to the record in the G\_CALL table that represents the call with which the data is associated. This field may be NULL.

### Column PartyID

This field points to the record in the G\_PARTY table that represents the party with which the data is associated. This field may be NULL.

### Column PSEQ

The sequence that corresponds to a record in the G\_PARTY\_HISTORY table.

### Column EndPointID

This field contains the DBID of the endpoint that added, changed, or deleted the data. If the data was taken from



the event that caused the creation of the respective call, then this is the first party created in the call. If the data was taken from the `AttachedDataChangedEvent`, then the party is defined by the `ThirdPartyDN` attribute, if any exist. Otherwise, this is the party that is defined by the `ThisDN` attribute (if any). For other changes, the party is defined by the `ThisDN` attribute.

#### Column `EndPointDN`

The device number that is associated with the data.

#### Column `AgentID`

The DBID of the agent object that represents the person who changed the data. This is the agent who logged into the endpoint that is associated with the data change (if this information is available during run time).

#### Column `SwitchID`

The DBID of the Switch object that owns the endpoint that is associated with the change. If the `EndPointID` field is `NULL`, then so is this field, and vice versa.

#### Column `TenantID`

The DBID of the Tenant that is associated with the Switch.

#### Column `Added`

The GMT-equivalent date and time when the key was changed. The date and time are taken from the T-Server (or other data provider) notification.

#### Column `Added_ts`

The UTC-equivalent value of the `ADDED` field.

#### Column `Added_tcode`

A reference, derived from the value in the `ADDED_TS` field, to a record in the `G_TIMECODE` table.

#### Column `CUST_DATA_1`

The value of the cust-data-1 attribute of userdata.

#### Column `CUST_DATA_2`

The value of the cust-data-2 attribute of userdata

#### Column `CUST_DATA_3`

The value of the cust-data-3 attribute of userdata

#### Column `CUST_DATA_4`

The value of the cust-data-4 attribute of userdata



## Column CUST\_DATA\_5

The value of the cust-data-5 attribute of userdata

## Column CUST\_DATA\_6

The value of the cust-data-6 attribute of userdata

## Column CUST\_DATA\_7

The value of the cust-data-7 attribute of userdata

## Column CUST\_DATA\_8

The value of the cust-data-8 attribute of userdata

## Column CUST\_DATA\_9

The value of the cust-data-9 attribute of userdata

## Column CUST\_DATA\_10

The value of the cust-data-10 attribute of userdata

## Column CUST\_DATA\_11

The value of the cust-data-11 attribute of userdata

## Column CUST\_DATA\_12

The value of the cust-data-12 attribute of userdata

## Column CUST\_DATA\_13

The value of the cust-data-13 attribute of userdata

## Column CUST\_DATA\_14

The value of the cust-data-14 attribute of userdata

## Column CUST\_DATA\_15

The value of the cust-data-15 attribute of userdata

## Column CUST\_DATA\_16

The value of the cust-data-16 attribute of userdata

## Column CUST\_DATA\_17

The value of the cust-data-17 attribute of userdata



**Column CUST\_DATA\_18**

The value of the cust-data-18 attribute of userdata

**Column CUST\_DATA\_19**

The value of the cust-data-19 attribute of userdata

**Table G\_CUSTOM\_DATA\_S**

This table records the changes to the user data that is associated with a voice call. Primarily, this is the data that is attached to the call (the content of the UserData attribute of a T-Server Event). However, it is assumed that ICON might be configured so that it will also use this table to record the history of the Reasons and Extensions as well as any other attributes of a call that are not recorded in the G\_CALL\_HISTORY and the G\_PARTY\_HISTORY\_TABLES. The only prerequisite for this table is that the data be associated with the call and that this association be known at run time.

**Column List**

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(19)	X	X		X
CallID	CALLID	varchar(50)				
PartyID	PARTYID	varchar(50)				
PSEQ	PSEQ	int		X		
EndPointID	ENDPOINTID	int				
EndPointDN	ENDPOINTDN	varchar(255)				
AgentID	AGENTID	int				
SwitchID	SWITCHID	int				
TenantID	TENANTID	int				
KeyName	KEYNAME	varchar(64)		X		
Value	VALUE	varchar(255)				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

**Column ID**

The unique, autonumbered ID of this record. This is the primary key.

**Column CallID**

This field points to the record in the G\_CALL table that represents the call with which the data is associated. This



field may be NULL.

#### Column PartyID

This field points to the record in the G\_PARTY table that represents the party with which the data is associated. This field may be NULL.

#### Column PSEQ

The sequence that corresponds to the G\_PARTY\_HISTORY.

#### Column EndPointID

This field contains the DBID of the endpoint that added, changed, or deleted the data. If the data was taken from the event that caused the creation of the respective call, then this is the first party created in the call. If the data was taken from the AttachedDataChangedEvent, then the party is defined by the ThirdPartyDN attribute, if any exist. Otherwise, this is the party that is defined by the ThisDN attribute (if any). For the rest of changes, the party is defined by the ThisDN attribute.

#### Column EndPointDN

The device number that is associated with the data.

#### Column AgentID

This field contains the DBID of the agent object that represents the person who changed the data. This is the agent who logged in to the endpoint that is associated with the data change (if this information is available during run time).

#### Column SwitchID

This field contains the DBID of the Switch object that owns the endpoint that is associated with the change. If the EndPointID field is NULL, then so is the field SwitchID, and *vice versa*.

#### Column TenantID

The DBID of the Tenant that is associated with the Switch.

#### Column KeyName

This is the KeyName field. It records the name of the user data key that changed its value. The user determines which keys should be recorded by specifying them in ICON configuration user data specification. Key names defined in the custom states configuration options should be specified in one option only--it should be unique across all configuration options.

#### Column Value

This field contains the character value of the key. The value is non-NULL unless one of the following conditions is met:



DataType != STRING or  
 ChangeType = DELETED  
 Otherwise, the value is NULL.

### Column Added

The GMT-equivalent date and time when the key was changed. The date and time are taken from the T-Server (or other data provider) notification.

### Column Added\_ts

The UTC-equivalent value of the ADDED field.

### Column Added\_tcode

A reference, derived from the value in the ADDED\_TS field, to a record in the G\_TIMECODE table.

## Table G\_CUSTOM\_STATES

This table contains detailed information about an agent's state changes during his or her login session. The records inserted into this table include:

- changes to the agent's state.
- changes to the agent's pending state.
- changes to the agent's workmode.
- changes to the agent's hardware reason code.
- the fact that the agent connects or disconnects to a call

### Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CallID	CALLID	varchar(50)				
PartyID	PARTYID	varchar(50)				
PSEQ	PSEQ	int		X		
EndPointID	ENDPOINTID	int				
EndPointDN	ENDPOINTDN	varchar(255)				
AgentID	AGENTID	int				
SwitchID	SWITCHID	int				
TenantID	TENANTID	int				
StateCode	STATECODE	int		X		
CUST_DATA_1	CUST_DATA_1	varchar(128)				
CUST_DATA_2	CUST_DATA_2	varchar(128)				
CUST_DATA_3	CUST_DATA_3	varchar(128)				
CUST_DATA_4	CUST_DATA_4	varchar(128)				
CUST_DATA_5	CUST_DATA_5	varchar(128)				
CUST_DATA_6	CUST_DATA_6	varchar(128)				
CUST_DATA_7	CUST_DATA_7	varchar(128)				
CUST_DATA_8	CUST_DATA_8	varchar(128)				
CUST_DATA_9	CUST_DATA_9	varchar(128)				
CUST_DATA_10	CUST_DATA_10	varchar(128)				



Name	Code	Data Type	P	M	F	AN
CUST_DATA_11	CUST_DATA_11	varchar(128)				
CUST_DATA_12	CUST_DATA_12	varchar(128)				
CUST_DATA_13	CUST_DATA_13	varchar(128)				
CUST_DATA_14	CUST_DATA_14	varchar(128)				
CUST_DATA_15	CUST_DATA_15	varchar(128)				
CUST_DATA_16	CUST_DATA_16	varchar(128)				
CUST_DATA_17	CUST_DATA_17	varchar(128)				
CUST_DATA_18	CUST_DATA_18	varchar(128)				
CUST_DATA_19	CUST_DATA_19	varchar(128)				
Added	ADDED	datetime		X		
Added_ts	ADDED_TS	int				
Added_tcode	ADDED_TCODE	int				
Terminated	TERMINATED	datetime				
Terminated_ts	TERMINATED_TS	int				
Terminated_tcode	TERMINATED_TCODE	int				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column CallID

This field points to the record in the G\_CALL table that represents the call with which the data is associated. This field may be NULL.

### Column PartyID

This field points to the record in the G\_PARTY table that represents the party with which the data is associated. This field may be NULL.

### Column PSEQ

The sequence that corresponds to the G\_PARTY\_HISTORY.

### Column EndPointID

This field contains the DBID of the endpoint that added, changed, or deleted the data. If the data was taken from the event that caused the creation of the respective call, then this is the first party created in the call. If the data was taken from the AttachedDataChangedEvent, then the party is defined by the ThirdPartyDN attribute, if any exist. Otherwise, this is the party that is defined by the ThisDN attribute (if any). For other changes, the party is defined by the ThisDN attribute.



### Column EndPointDN

The device number that is associated with the data.

### Column AgentID

This field contains the DBID of the agent object that represents the person who changed the data. This is the agent who logged in to the endpoint that is associated with the data change (if this information is available during run time).

### Column SwitchID

This field contains the DBID of the Switch object that owns the endpoint that is associated with the change. If the EndPointID field is NULL, then so is the field SwitchID, and *vice versa*.

### Column TenantID

The DBID of the Tenant that is associated with the Switch.

### Column StateCode

State of the agent on device (endpointid) against queue (queueid), or previous state in G\_AGENT\_STATE\_HISTORY table. One of the following values:

- 0 - null - agent is logged off
- 1 - login - agent is logged in, but no information to indicate whether the agent is ready to receive calls
- 2 - notready - agent is not ready to receive calls
- 3 - ready - agent is ready to receive calls
- 4 - acw - agent is in after call work state
- 5 - busy - agent is on the call
- 6 - unknown - agent's login session is present, but ICON has no information about the agent's state (due to disconnect from T-Server, etc)

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### Column CUST\_DATA\_1

The value of the cust-data-1 attribute of userdata

### Column CUST\_DATA\_2

The value of the cust-data-2 attribute of userdata

### Column CUST\_DATA\_3

The value of the cust-data-3 attribute of userdata

### Column CUST\_DATA\_4

The value of the cust-data-4 attribute of userdata



**Column CUST\_DATA\_5**

The value of the cust-data-5 attribute of userdata

**Column CUST\_DATA\_6**

The value of the cust-data-6 attribute of userdata

**Column CUST\_DATA\_7**

The value of the cust-data-7 attribute of userdata

**Column CUST\_DATA\_8**

The value of the cust-data-8 attribute of userdata

**Column CUST\_DATA\_9**

The value of the cust-data-9 attribute of userdata

**Column CUST\_DATA\_10**

The value of the cust-data-10 attribute of userdata

**Column CUST\_DATA\_11**

The value of the cust-data-11 attribute of userdata

**Column CUST\_DATA\_12**

The value of the cust-data-12 attribute of userdata

**Column CUST\_DATA\_13**

The value of the cust-data-13 attribute of userdata

**Column CUST\_DATA\_14**

The value of the cust-data-14 attribute of userdata

**Column CUST\_DATA\_15**

The value of the cust-data-15 attribute of userdata

**Column CUST\_DATA\_16**

The value of the cust-data-16 attribute of userdata

**Column CUST\_DATA\_17**

The value of the cust-data-17 attribute of userdata



**Column CUST\_DATA\_18**

The value of the cust-data-18 attribute of userdata

**Column CUST\_DATA\_19**

The value of the cust-data-19 attribute of userdata

**Column Added**

The GMT-equivalent date and time when information about an agent's change of agent's state was detected.

**Column Added\_ts**

The UTC-equivalent value of the ADDED field.

**Column Added\_tcode**

A reference, derived from the value in the ADDED\_TS field, to a record in the G\_TIMECODE table.

**Column Terminated**

The GMT-equivalent date and time when the party was released from the call.

**Column Terminated\_ts**

The UTC-equivalent value of the TERMINATED field.

**Column Terminated\_tcode**

A reference, derived from the value in the TERMINATED\_TS field, to a record in the G\_TIMECODE table.



## Chapter 7: Custom Dispatcher Attached Data Schema

### Diagram Data Model

G_SAMPLE_CUST_ADATA	
<u>ID</u>	numeric(16) <pk>
CALLID	varchar(50)
CALL_TS	int
Switch_ID	int
Tenant_ID	int
C_INT_1	int
C_INT_2	int
C_INT_3	int
C_INT_4	int
C_INT_5	int
C_INT_6	int
C_INT_7	int
C_INT_8	int
C_INT_9	int
C_INT_10	int
C_INT_11	int
C_INT_12	int
C_INT_13	int
C_INT_14	int
C_INT_15	int
C_INT_16	int
C_INT_17	int
C_INT_18	int
C_INT_19	int
C_INT_20	int
C_INT_21	int
C_INT_22	int
C_INT_23	int
C_INT_24	int
C_INT_25	int
C_INT_26	int
C_INT_27	int
C_INT_28	int
C_INT_29	int
C_INT_30	int
C_INT_31	int
C_INT_32	int
C_INT_33	int
C_INT_34	int
C_STR_1	varchar(10)
C_STR_2	varchar(10)
C_STR_3	varchar(10)
C_STR_4	varchar(10)
C_STR_5	varchar(10)
C_STR_6	varchar(10)
C_STR_7	varchar(10)
C_STR_8	varchar(10)
C_STR_9	varchar(10)
C_STR_10	varchar(10)
C_STR_11	varchar(10)
C_STR_12	varchar(10)
C_STR_13	varchar(10)
C_STR_14	varchar(10)
C_STR_15	varchar(10)
C_STR_16	varchar(10)
C_STR_17	varchar(10)
C_STR_18	varchar(10)
C_STR_19	varchar(10)
C_STR_20	varchar(10)
C_STR_21	varchar(10)
C_STR_22	varchar(10)
C_STR_23	varchar(10)
C_STR_24	varchar(10)
C_STR_25	varchar(10)
C_STR_26	varchar(10)
C_STR_27	varchar(10)
C_STR_28	varchar(10)
C_STR_29	varchar(10)
C_STR_30	varchar(10)
C_STR_31	varchar(10)
C_STR_32	varchar(10)
C_STR_33	varchar(10)
C_STR_34	varchar(10)



Index List

Table	Code	U
G_SAMPLE_CUST_ADATA	IDX_G_SAMPLE_CDATA_TS	

Table G\_SAMPLE\_CUST\_ADATA

This sample table stores attached call data from a custom attached data dispatcher.

Column List

Name	Code	Data Type	P	M	F	AN
ID	ID	numeric(16)	X	X		X
CALLID	CALLID	varchar(50)		X		
CALL_TS	CALL_TS	int		X		
Switch_ID	SWITCH_ID	int		X		
Tenant_ID	TENANT_ID	int		X		
C_INT_1	C_INT_1	int				
C_INT_2	C_INT_2	int				
C_INT_3	C_INT_3	int				
C_INT_4	C_INT_4	int				
C_INT_5	C_INT_5	int				
C_INT_6	C_INT_6	int				
C_INT_7	C_INT_7	int				
C_INT_8	C_INT_8	int				
C_INT_9	C_INT_9	int				
C_INT_10	C_INT_10	int				
C_INT_11	C_INT_11	int				
C_INT_12	C_INT_12	int				
C_INT_13	C_INT_13	int				
C_INT_14	C_INT_14	int				
C_INT_15	C_INT_15	int				
C_INT_16	C_INT_16	int				
C_INT_17	C_INT_17	int				
C_INT_18	C_INT_18	int				
C_INT_19	C_INT_19	int				
C_INT_20	C_INT_20	int				
C_INT_21	C_INT_21	int				
C_INT_22	C_INT_22	int				
C_INT_23	C_INT_23	int				
C_INT_24	C_INT_24	int				
C_INT_25	C_INT_25	int				
C_INT_26	C_INT_26	int				
C_INT_27	C_INT_27	int				
C_INT_28	C_INT_28	int				
C_INT_29	C_INT_29	int				
C_INT_30	C_INT_30	int				
C_INT_31	C_INT_31	int				
C_INT_32	C_INT_32	int				
C_INT_33	C_INT_33	int				
C_INT_34	C_INT_34	int				
C_STR_1	C_STR_1	varchar(10)				
C_STR_2	C_STR_2	varchar(10)				
C_STR_3	C_STR_3	varchar(10)				
C_STR_4	C_STR_4	varchar(10)				



Name	Code	Data Type	P	M	F	AN
C_STR_5	C_STR_5	varchar(10)				
C_STR_6	C_STR_6	varchar(10)				
C_STR_7	C_STR_7	varchar(10)				
C_STR_8	C_STR_8	varchar(10)				
C_STR_9	C_STR_9	varchar(10)				
C_STR_10	C_STR_10	varchar(10)				
C_STR_11	C_STR_11	varchar(10)				
C_STR_12	C_STR_12	varchar(10)				
C_STR_13	C_STR_13	varchar(10)				
C_STR_14	C_STR_14	varchar(10)				
C_STR_15	C_STR_15	varchar(10)				
C_STR_16	C_STR_16	varchar(10)				
C_STR_17	C_STR_17	varchar(10)				
C_STR_18	C_STR_18	varchar(10)				
C_STR_19	C_STR_19	varchar(10)				
C_STR_20	C_STR_20	varchar(10)				
C_STR_21	C_STR_21	varchar(10)				
C_STR_22	C_STR_22	varchar(10)				
C_STR_23	C_STR_23	varchar(10)				
C_STR_24	C_STR_24	varchar(10)				
C_STR_25	C_STR_25	varchar(10)				
C_STR_26	C_STR_26	varchar(10)				
C_STR_27	C_STR_27	varchar(10)				
C_STR_28	C_STR_28	varchar(10)				
C_STR_29	C_STR_29	varchar(10)				
C_STR_30	C_STR_30	varchar(10)				
C_STR_31	C_STR_31	varchar(10)				
C_STR_32	C_STR_32	varchar(10)				
C_STR_33	C_STR_33	varchar(10)				
C_STR_34	C_STR_34	varchar(10)				
GSYS_DOMAIN	GSYS_DOMAIN	int				
GSYS_PARTITION	GSYS_PARTITION	int				
GSYS_SYS_ID	GSYS_SYS_ID	int				
GSYS_SEQ	GSYS_SEQ	bigint				
GSYS_USEQ	GSYS_USEQ	bigint				
GSYS_TS	GSYS_TS	datetime				
GSYS_TC	GSYS_TC	int				
GSYS_EXT_VCH1	GSYS_EXT_VCH1	varchar(255)				
GSYS_EXT_VCH2	GSYS_EXT_VCH2	varchar(255)				
GSYS_EXT_INT1	GSYS_EXT_INT1	int				
GSYS_EXT_INT2	GSYS_EXT_INT2	int				

### Column ID

The unique, autonumbered ID of this record. This is the primary key.

### Column CALLID

Global unique call ID.

### Column CALL\_TS

The timestamp of call creation.



**Column Switch\_ID**

The DBID of the switch configuration object in Configuration Server where the call was observed.

**Column Tenant\_ID**

The DBID of the Tenant where the Switch is configured.

**Column C\_INT\_1 through C\_INT\_34**

The integer value of attached data key.

**Column C\_STR\_1 through C\_STR\_34**

The string value of the call attached data key.

**Index List**

Code	U	C	Table
IDX_G_SAMPLE_CDATA_TS			G_SAMPLE_CUST_ADATA



## Appendix: G\_Dictionary Values

This appendix lists the possible values for the dictionary types defined in the G\_DICT\_TYPE table. For each dictionary type (G\_DICT\_TYPE.DTYPE), this appendix provides the values of G\_DICTIONARY.DID and G\_DICTIONARY.DVALUE, which are populated when IDB is initialized or upgraded.

### Call History Change Type (DTYPE=1)

- 1 call\_created
- 2 call\_terminated
- 3 call\_merged
- 4 call\_trfailed

### Party History Change Type (2)

- 1 party\_created
- 2 party\_terminated
- 3 party\_statechanged
- 4 party\_fsmerror
- 5 party\_fsm2error

### IR History Change Type (3)

- 1 ir\_created
- 2 ir\_terminated
- 3 ir\_merged

### Call States (4)

- 0 unknown
- 1 active
- 2 terminated

### Call Types (5)

- 0 unknown
- 1 internal
- 2 inbound
- 3 outbound
- 4 consult

### Call Media Types (6)

- 0 unknown
- 1 voice
- 2 email
- 3 chat
- 1000 OM

### IR States (7)

- 0 unknown
- 1 active
- 2 terminated

### Local Connection State (8)

- 0 unknown

- 1 initiated
- 2 alerting
- 3 connected
- 4 hold
- 5 queued
- 6 fail

### Party Type (9)

- 0 unknown
- 1 internal
- 2 external
- 3 place
- 4 iqueue
- 5 iworkbin
- 6 strategy

### Party Role (10)

- 0 unknown
- 1 observer

### Party Parent Link Type (11)

- 0 unknown
- 1 consultation
- 2 transfer
- 3 conference
- 4 divert
- 5 route

### Session Endpoint Type (12)

- 1 agent\_dn
- 2 queue
- 3 media

### Agent State History Type (13)

- 1 unknown
- 0 normal
- 5 state
- 6 pending\_state
- 7 add\_party
- 8 rem\_party
- 9 state\_forced
- 10 pending\_forced
- 11 reason
- 12 reason\_code

### Agent State History Cause (14)

- 0 nocause
- 1 normal
- 2 forced\_pause

- 3 forced\_transition
- 4 autowork

### Agent State History Condition (15)

- 0 nocondition
- 1 normal
- 2 forced\_by\_another\_device
- 3 forced\_by\_pending\_state
- 4 forced\_by\_connection\_info

### Agent State History State (16)

- 0 null
- 1 login
- 2 notready
- 3 ready
- 4 acw
- 5 busy
- 6 unknown

### Agent State History Pending State(17)

- 0 null
- 2 notready
- 3 ready
- 4 acw

### Agent State History WORKMODE(18)

- 0 unknown
- 1 manualin
- 2 autoin
- 3 aftercallwork
- 4 auxwork
- 6 walkaway
- 7 returnback

### Attached Data Change Type (19)

- 1 created
- 2 added
- 3 updated
- 4 deleted
- 5 terminated

### Attached Data Source (20)

- 1 userdata
- 2 reasons



3 extensions  
4 attributes  
5 mcr\_workbin

## ISLink Current State (21)

0 unknown  
1 active  
2 terminated  
3 failed

## ISLink History Change Type (22)

0 unknown  
1 added  
2 moved  
3 deleted

## ISLink Merge State (23)

1 not\_processed  
2 incomplete  
3 complete

## Configuration History Tables Status (24)

0 unknown  
1 active  
2 inactive  
10 syncinprogress

## HA\_CONTROL Status (25)

0 unknown  
1 running  
2 stopped

## PROV\_CONTROL Provider Tag IDs (26)

0 unknown  
1 gcc  
2 gls  
3 gud  
4 gos  
5 cfg  
6 vq

## ISLink Type (27)

0 bidirectional  
1 unidirectional  
2 source  
3 target

## Route Result (28)

0 unknown  
1 success  
2 failure  
102 distributed\_to\_default

103 routed\_by\_switch  
105 other\_reasons  
133 ixn\_server\_timeout  
134 ixn\_taken\_out

## Route Target Type (29)

0 agent  
1 agent\_place  
2 agent\_group  
3 place\_group  
4 route\_point  
5 queue  
6 queue\_group  
7 switch  
8 reg\_dn  
9 campaign  
10 campaign\_group  
11 calling\_list  
12 campaign\_calling\_list  
13 tenant  
14 staging\_area  
15 routing\_strategy  
100 default  
101 destination\_label  
102 persistent\_queue  
103 workbin

## Call Control Event (30)

-1 unknown  
0 bridged  
1 connection\_cleared  
2 delivered  
3 established  
4 failed  
5 held  
6 offered  
7 originated  
8 queued  
9 retrieved  
10 service\_initiated  
11 transferred  
12 conferenced  
13 diverted

## Call Control Event Cause (31)

0 unknown  
1 busy  
2 conference  
3 distributed  
4 distribution\_delay  
5 entering\_distribution  
6 normal  
7 redirected  
8 single\_step\_conference  
9 single\_step\_transfer  
10 transfer

## Log Message Priority (32)

0 unknown  
1 debug  
2 information  
3 interaction

4 error  
5 alarm

## Log Message Category (33)

0 default  
1 alarm  
2 audit

## Log Message Origin (34)

0 connection  
1 communication  
2 application  
3 external  
4 management  
5 logcontrol

## Campaign State (71)

0 null  
1 loaded  
2 started  
3 unloading

## System Reasons to Campaign Termination (73)

0 normal  
1 disconnect  
2 internal\_error  
3 register

## OCS Event Cause (75)

0 CampGrNormal  
1 CampGrConfigurationChanged  
2 CampGrLCASignal  
3 CampGrUnloadForcedCfgChanged  
4 CampGrUnloadForcedLCASignal  
5 CampGrUnloadForcedCliReq  
6 CampGrLoadsAsSequenceltem  
7 CampGrItemStartTimeElapsed  
8 CampGrItemContactsReached  
9 CampGrItemDialsReached  
10 CampGrItemEndTimeReached  
11 CampGrAgentsAvailable  
12 CampGrNoAgentsAvailable  
13 CampGrPortsAvailable  
14 CampGrNoPortsAvailable  
15 CampGrRecordsAvailable  
16 CampGrNoRecordsAvailable  
17 CampGrCPDAvailable  
18 CampGrNoCPDAvailable  
19 ChainNormal  
20 ChainRetrievedFromDB  
21 ChainCampaignUnloaded  
22 ChainDoNotCall  
23 ChainCancelled  
24 ChainRejected  
25 ChainIsEmpty  
26 ChainFilterModified  
27 ChainNoMoreTreatments  
28 ChainInternalError  
29 ChainOutOfBoundaries



30	ChainPriorityZero
31	ChainGoalReached
32	ChainMaxAttemptsReached
33	ChainUnloadedByTreatment
34	ChainConfigurationChanged
35	ChainUnknownDNTransfer
36	ChainWrongTransfer
37	ChainCallbackToContinue
38	ChainReschedToContinue
39	ChainRecordAdded
40	ChainTreatmentApplied
41	ChainInDoNotCallList
42	ChainDoNotCallRequested
43	ChainCancelRequested
44	ChainRejectRequested
45	ChainEventRecordProcessed
46	ChainDialerReleased
47	ChainDialerError
48	ChainForceUnloadState
49	ChainOverflow
50	ChainRemoteRelease
51	ChainStateTimeout
52	ChainCallResultReceived
53	ChainProcessingDone
54	ChainEventUpdateCallCompStats
55	ChainEventRecordReschedule
56	ChainCallProgressReceived

## OCS Chain States (76)

0	null
1	scheduled
2	processing
3	processed

## OCS Metric Types (77)

0	GOMetricTypeUndefined
1	GOMetricTotalRecsPerList
2	GOMetricTotalRecsPerCampGr
3	GOMetricTotalChainsPerList
4	GOMetricTotalChainsPerCampGr
5	GOMetricCurrRecsNotProcPerList
6	GOMetricCurrRecsNotProcPerCampGr
7	GOMetricCurrChainsNotProcPerList
8	GOMetricCurrChainsNotProcPerCampGr
9	GOMetricCurrUsedPortsPerCampGr
10	GOMetricCurrUsedEngPortsPerCampGr
11	GOMetricDetailCallsOverdialed
12	GOMetricTimeOutboundCallDialing
13	GOMetricTimeOutboundCallTransfer
14	GOMetricTimeOutboundCallCPD

## DND Feature State (80)

0	clear
1	set

## Login Session State (81)

0	terminated
1	active

## Association Between Login Session and End Point State (82)

0	terminated
1	active

## Flag of HW Reason Code (83)

0	false
1	true

## Possible System Reasons in Login Sessions (84)

-1	unknown
0	normal (null could be reported)
1	stuck
2	device
3	agent
4	cleanup
5	register
6	disconnect

## Virtual Queue State Cause (85)

1	normal
2	abandoned
3	stuck
101	routed_in_parallel_vq
102	routed_to_default
103	routed_by_switch
104	execute_clear_target
105	other
133	ixn_routing_to
134	ixn_taken_out

## Call Merge Types (86)

-1	unknown
0	bridge
11	transfer
12	conference

## Reliability of Route Result (87)

0	unknown
1	ok
2	in_the_past

## Type of Stop Processing Actor (88)

0	unknown
1	strategy
2	agent
3	place
4	media_server

## Object State (500)

0	Unknown Object State
1	Enabled
2	Disabled

## Switch Type (501)

0	Unknown Switch Type
1	Nortel Meridian 1
2	Rockwell Spectrum
3	Rockwell Galaxy
4	Nortel Communication Server 2000/2100
5	Avaya Communication Manager
6	Aspect CallCenter
7	Siemens Hicom 300E
8	Intecom IBX80
9	Ericsson MD110
10	Lucent 5ESS
11	Madge
12	NEC NEAX
13	Fujitsu F9600
14	Teltronics 20-20
15	WorldCom 800 Gateway
16	Siemens Hicom 150
17	Siemens Hicom 300 ACL-H3
18	Philips Sopho iS3000
19	EADS Telecom M6500 Succession
20	Siemens Hicom 150H
21	Ericsson ACP1000
22	Siemens GEC iSSDX
23	Alcatel A4400
24	Generic Switch
25	Delco ACD
26	Hitachi CX8000
27	LG Starex-ACS
28	Mitel SX-2000
29	Nortel Communication Server 1000 with SCCS/MLS
30	Siemens Hicom 150E
31	Siemens RealitiDX iCCL
32	Tadiran Coral
33	Voice over IP SMCP Switch
34	Virtual Switch for IVR In-Front
35	Internet Gateway
36	AT&T 800 ICP Gateway
37	Sprint SiteRP Gateway
38	Bell Canada (Stentor) ATF Gateway
39	Alcatel SCP Gateway
40	Bell Atlantic ISCP Gateway
41	Concert 800 Gateway
42	Alcatel DTAG SCP Gateway
43	KPN Network Gateway
44	Alcatel Telecom Italia SCP Gateway
45	Alcatel BT SCP Gateway
46	3511 Protocol Interface
47	DataVoice Dharma
48	Huawei C_C08
49	Avaya INDeX
50	Siemens Hicom 300H
51	Siemens HiPath 4000
52	Alcatel A4200
53	Tenovis Integral 33
54	Telera
55	NGSN
56	GenSpec
57	Voice Portal
58	K-Worker Gateway
59	Siemens Hicom 300
60	GenSpec XML
61	OPSI
62	Cisco Call Manager
63	Multimedia Switch
64	Verizon ISCP Gateway
65	Alcatel 5020 OPSI
66	Avaya IP Office



67	Mitel MN-3300
68	Samsung IP PCX IAP
69	Siemens HiPath 3000
70	eOn eQueue
71	Tenovis I55
72	SIP Switch
73	Digitro AXS/20
74	GVP DID Group
75	SIP Network Switch
76	NEC NEAX SV7000
77	Radvision iContact

## Switch Link Type (502)

0	Unknown Link Type
1	Meridian Link 4
2	Meridian Link 5
3	Galaxy Link
4	Spectrum Link
5	SCAI 7
6	SCAI 8
7	Call Visor ASAI
8	Ethernet ASAI
9	Application Bridge 5
10	Application Bridge 6
11	CallBridge 2
12	CallBridge 3
13	OAI
14	Application Link
15	Pinnacle
16	Madge Link
17	NEC Link
18	Fujitsu Link
19	Host Interface Link
20	Workstation Interface Link
21	Gateway 01 Link
22	Application Connectivity Link 1.x
23	Application Connectivity Link 2.x
24	CallBridge ACL ISDN SO ISO
25	CallBridge ACL v.24 ISO
26	iS Link CSTA I
27	Matra Link CSTA II
28	Application Link CSTA
29	iCAT 2.3 ICCL 2
30	iCAT 3.x ICCL 3
31	Application Link CSTA I
32	Application Link CSTA II
33	Generic Link
34	SCAI 11
35	SCAI 12
36	SCAI 13
37	Application Bridge 7
38	CallBridge4
39	Delco ACD
40	Hitachi Cx8000
41	Starex Link
42	MiTai 7.3
43	Meridian Link ServicesSymposium
44	Application Connectivity Link CSTA
45	CallBridge DX
46	Coral Link

## DN Route Type (504)

0	Unknown Route Type
1	Default
2	Label
3	Overwrite DNIS

4	DDD
5	IDDD
6	Direct
7	Reject
8	Announcement
9	Post Feature
10	Direct Agent
11	Use External Protocol
12	Get From DN
13	Default
14	Route
15	Direct
16	Re-Route
17	Direct UUI
18	Direct ANI
19	Direct No Token
20	DNIS Pooling
21	Direct DNIS and ANI
22	Direct Digits
23	Forbidden
24	ISCC defined protocol
25	PullBack
26	Direct Network Call ID

## DN Type (505)

0	Unknown DN Type
1	Extension
2	ACD Position
3	ACD Queue
4	Routing Point
5	Virtual Queue
6	Virtual Routing Point
7	Voice Treatment Port
8	Voice Mail
9	Mobile Station
10	Call Processing Port
11	Fax
12	Modem
13	Music Port
14	Trunk
15	Trunk Group
16	Tie Line
17	Tie Line Group
18	Mixed
19	External Routing Point
20	Network Destination
21	Service Number
22	Routing Queue
23	Communication DN
24	E-mail Address
25	Voice over IP Port
26	Video over IP Port
27	Chat
28	CoBrowse
29	Voice over IP Service
30	Workflow
31	Access Resource
32	GVP DID

## Application Type (506)

0	Unknown Application Type
1	T-Server
2	Stat Server
3	Billing Server
4	Billing Client

5	Agent Pulse
6	Voice Treatment Server
7	Voice Treatment Manager
8	Database Access Point
9	Call Concentrator
10	CPD Server
11	List Manager
12	Outbound Contact Server
13	Outbound Contact Manager
14	Campaign Configuration Environment
15	Universal Routing Server
16	Strategy Builder
17	Interaction Router Client
18	Agent Desktop
19	Configuration Manager
20	Call Center Pulse
21	Configuration Server
22	Third Party Application
23	Third Party Server
24	Strategy Simulator
25	Strategy Scheduler
26	DART Server
27	DART Client
28	Custom Server
29	External Router
30	Virtual Interactive-T
31	Virtual Routing Point
32	Database
33	Web Option
34	Detail Biller
35	Summary Biller
36	Network Overflow Manager
37	Backup Control Client
38	Data Sourcer
39	Data Modeling Assistant
40	IVR Server
41	I-Server
42	Message Server
43	Solution Control Server
44	Solution Control Interface
45	SNMP Agent
46	DB Server
47	WFM Client
48	WFM Data Aggregator
49	WFM Web Services
50	WFM Schedule Server
51	Interaction Routing Designer
52	ETL Proxy
53	Install-Time Configuration Utility
54	GVP-Voice Communication Server
55	GIM ETL
56	VSS Shared
57	VSS Console
58	Data Mart
59	Chat Server
60	Callback Server
61	Co-Browsing Server
62	IS Transport Server
63	Contact Server
64	E-Mail Server
65	MediaLink
66	Web Interaction Requests Server
67	Web Stat Server
68	Web Interaction Server
69	Web Option Route Server
70	Web Client
71	Contact Server Manager
72	Content Analyzer
73	Response Manager
74	Voice over IP Controller



75 Voice over IP Device  
 76 Automated Workflow Engine  
 77 High Availability Proxy  
 78 Voice over IP Stream Manager  
 79 Voice over IP DMX Server  
 80 Web API Server  
 81 Load Balancer  
 82 Application Cluster  
 83 Load Distribution Server  
 84 G-Proxy  
 85 Genesys Interface Server  
 86 GCN Delivery Server  
 87 GCN Client  
 88 IVR DirectTalk Server  
 89 GCN Thin Server  
 90 Classification Server  
 91 Training Server  
 92 Universal Callback Server  
 93 CPD Server Proxy  
 94 XLink Controller  
 95 Knowledge Worker Portal  
 96 WFM Server  
 97 WFM Builder  
 98 WFM Reports  
 99 WFM Web  
 100 Knowledge Manager  
 101 IVR Driver  
 102 IVR Library  
 103 LCS Adapter  
 104 Desktop .NET Server  
 105 Gplus Adapter for Siebel 7 Configuration  
 Synchronization Component  
 106 Gplus Adapter for Siebel 7 Campaign  
 Synchronization Component  
 107 Genesys Generic Server  
 108 Genesys Generic Client  
 109 Call Director  
 110 SIP Communication Server  
 111 Interaction Server  
 112 Genesys Integration Server  
 113 WFM Daemon  
 114 GVP Policy Manager  
 115 GVP Cisco Queue Adapter  
 116 GVP Text To Speech Server  
 117 GVP ASR Log Manager  
 118 GVP Bandwidth Manager  
 119 GVP Events Collector  
 120 GVP Cache Server  
 121 GVP ASR Log Server  
 122 GVP ASR Package Loader  
 123 GVP IP Communication Server  
 124 GVP Resource Manager  
 125 GVP SIP Session Manager  
 126 GVP Media Gateway  
 127 GVP Soft Switch  
 128 GVP Core Service  
 129 GVP Voice Communication Server  
 130 GVP Unified Login Server  
 131 GVP Call Status Monitor  
 132 GVP Reporter  
 133 GVP H.323 Session Manager  
 134 GVP ASR Log Manager Agent  
 135 GVP Genesys Queue Adapter  
 136 GVP IServer  
 137 GVP SCP Gateway  
 138 GVP SRP Server  
 139 GVP MRCP TTS Server  
 140 GVP CCS Server  
 141 GVP MRCP ASR Server  
 142 GVP Network Monitor

143 GVP OBN Manager  
 144 GVP SelfService Provisioning Server

### DN Group Type (508)

0 Unknown Group Type  
 1 Single Ports  
 2 ACD Queues  
 3 Routing Points  
 4 Network Ports  
 5 Service Numbers

### Object Flag (509)

0 Unknown  
 1 FALSE  
 2 TRUE

### Script Type (513)

0 Unknown Script Type  
 1 Data Collection  
 2 Service Selection  
 3 Enhanced Queuing  
 4 Simple Queuing  
 5 Simple Routing  
 6 Enhanced Routing  
 7 Voice Data  
 8 Outbound Campaign  
 9 Outbound Format  
 10 Outbound List  
 11 Outbound Filter  
 12 Outbound Treatment  
 13 Outbound Alert  
 14 Schedule  
 15 Alarm Detection  
 16 Alarm Reaction  
 17 VSS System Schema  
 18 VSS Shared Schema  
 19 VSS Server Schema  
 20 VSS Object  
 21 E-mail Acknowledge Receipt  
 22 Capacity Rule  
 23 Interaction Queue  
 24 Interaction Queue View  
 25 Interaction Work Bin  
 26 Interaction Submitter  
 27 Interaction Snapshot  
 28 Business Process  
 29 Supervisor Data  
 30 GVP Data Node

### Action Code Type (514)

0 Unknown Action Code Type  
 1 Inbound Call  
 2 Outbound Call  
 3 Internal Call  
 4 Transfer  
 5 Conference  
 6 Login  
 7 Logout  
 8 Ready  
 9 Not Ready  
 10 Busy On  
 11 Busy Off  
 12 Forward On

13 Forward Off

### Table Access Type (515)

0 Unknown Table Type  
 1 Calling List  
 2 Log Table  
 3 ANI  
 4 LATA  
 5 NPA  
 6 NPA-NXX  
 7 State Code  
 8 Info Digits  
 9 Country Code  
 10 Customer Defined Table  
 11 Do Not Call List  
 12 E-mail Contact List

### Field Data Type (516)

0 Unknown Data Type  
 1 int  
 2 float  
 3 char  
 4 varchar  
 5 datetime

### Field Type (517)

0 Unknown Field Type  
 1 Record ID  
 2 Contact Info  
 3 Record Type  
 4 Record Status  
 5 Dialing Result  
 6 Number of Attempts  
 7 Scheduled Time  
 8 Call Time  
 9 From  
 10 To  
 11 Time Zone  
 12 Campaign  
 13 Agent  
 14 Chain  
 15 Number In Chain  
 16 User-Defined Field  
 17 ANI  
 18 LATA  
 19 NPA  
 20 NPA-NXX  
 21 State Code  
 22 Info Digits  
 23 Country Code  
 24 Contact Info Type  
 25 Group  
 26 Application  
 27 Treatments History  
 28 Media Reference  
 29 E-mail Subject  
 30 E-mail Template ID  
 31 Switch ID

### GCTI Call State (518)

0 Ok  
 1 Transferred  
 2 Conferenced



3	General Error
4	System Error
5	Remote Release
6	Busy
7	No Answer
8	SIT Detected
9	Answering Machine Detected
10	All Trunks Busy
11	SIT Invalid Number
12	SIT VC (Vacant Code)
13	SIT IC (Intercept)
14	SIT Unknown Call State
15	SIT NC (No Circuit)
16	SIT RO (Reorder)
17	Fax Detected
18	Queue Full
19	Cleared
20	Overflowed
21	Abandoned
22	Redirected
23	Forwarded
24	Consult
25	Pickedup
26	Dropped
27	Dropped on No Answer
28	Unknown Call Result
29	Covered
30	Converse-On
31	Bridged
32	Silence
33	Answer
34	NU Tone
35	No Dial Tone
36	No Progress
37	No RingBack Tone
38	No Established Detected
39	Pager Detected
40	Wrong Party
41	Dial Error
42	Call Drop Error
43	Switch Error
44	No Port Available
45	Transfer Error
46	Stale
47	Agent CallBack Error
48	Group CallBack Error
49	Deafend
50	Held
51	Do Not Call
52	Cancel Record
53	Wrong Number

## Treatment Action Code (519)

0	Unknown Action
1	No Treatment
2	Update all records in chain
3	Redial
4	Retry in
5	Retry at specified date
6	Next in chain
7	Next in chain after
8	Next in chain at specified date
9	Assign to Group
10	Mark as Agent Error
11	Reschedule

## Treatment Call Action Code (520)

0	Unknown Action Code
1	Connect
2	Drop
3	Mute Transfer
4	Transfer
5	Route
6	Play a message
7	Send a fax
8	Send a page
9	Send an e-mail

## Campaign Group Dialing Mode (521)

0	Unknown Dialing Mode
1	Predictive
2	Progressive
3	Preview
4	Progressive with seizing
5	Predictive with seizing
6	Power
7	Power with seizing
8	Push Preview
9	Progress GVP
10	Predict GVP
11	Power GVP

## Campaign Group Operation Mode (522)

0	Unknown Operation Mode
1	Manual
2	Scheduled

## Campaign Group Optimization Method (523)

0	Unknown Optimization Criteria
1	Agent Busy Factor
2	Overdial Rate
3	Average Waiting Time

## IVR Type (524)

0	Unknown IVR Type
1	Conversant
2	WVR for AIX
3	Syntellect Vocal Point
4	Syntellect Premier
5	Syntellect Vista
6	Voicetek
7	Agility
8	Meridian Integrated
9	Symposium Open
10	Edify
11	Brite
12	ShowNTel
13	Intervoice Brite
14	Peripherals VPS/is
15	Amerex
16	WVR for Windows
17	Genesys Voice Platform
18	MPS
19	Aspect CSS

20	Microsoft Speech Server
21	Other IVR Type
22	Envox

## Object Type (528)

0	Unknown Object
1	Switch
2	DN
3	Person
4	Place
5	Agent Group
6	Place Group
7	Tenant
8	Solution
9	Application
10	Host
11	Switching Office
12	Script
13	Skill
14	Action Code
15	Agent Login
16	Transaction
17	DN Group
18	Statistical Day
19	Statistical Table
20	Application Template
21	Access Group
22	Folder
23	Field
24	Format
25	Table Access
26	Calling List
27	Campaign
28	Treatment
29	Filter
30	Time Zone
31	Voice Prompt
32	IVR Port
33	IVR
34	Alarm Condition
35	Business Attribute
36	Business Attribute Value
37	Objective Table
38	Campaign Group
39	GVP Reseller
40	GVP Customer
41	GVP IVRProfile
42	Scheduled Task
43	Shortcut
44	Agent Login Info
45	DN Info
46	Service Info
47	Skill Level
48	Switch Access Code
49	DN Access Number
1017	Switch Access Code
1019	DN Access Number
1020	Application Rank
1021	Skill Level
1022	Agent Login Info
1023	DN Info
1024	Service Info
1025	Application Service Permission
1027	Sub code
1028	Interval Count
1029	Calling List Info
1030	Campaign Group Info
1031	Log Event



1032 Solution Component  
1035 Cfg ACL  
1036 Server Host ID  
1037 Server Version  
1038 Connection Info  
1040 Solution Component Definition  
1041 Objective Table Record  
1042 Update Package Record  
1043 Library Link  
1044 Object Resource  
1045 Port Info

### Group Type (540)

0 Unknown Group Type  
1 Agent Group  
2 Place Group  
3 DN Group  
4 Access Group

### GCTI Record Type (543)

0 No Record Type  
1 Unknown Record Type  
2 General  
3 Campaign Rescheduled  
4 Personal Rescheduled

1033 Cfg ID  
5 Personal CallBack  
6 Campaign CallBack  
7 No Call

### GCTI Record Status (544)

0 No Record Status  
1 Ready  
2 Retrieved  
3 Updated  
4 Stale  
5 Cancelled  
6 Agent Error  
7 Chain Updated  
8 Missed CallBack  
9 Chain Ready

### GCTI Contact Type (545)

0 No Contact Type  
1 Home Phone  
2 Direct Business Phone  
3 Business With Extension  
4 Mobile  
5 Vacation Phone  
6 Pager

1034 Cfg ACE  
7 Modem  
8 Voice Mail  
9 Pin Pager  
10 E-Mail address

### DN Register Flag (555)

0 Unknown Flag  
1 FALSE  
2 TRUE  
3 On Demand

### Enumerator Type (556)

0 Unknown  
1 Interaction Operational Attribute  
2 Role  
3 Contact Attribute  
4 Custom  
5 GVP Master List  
6 GVP Custom List  
7 GVP Master Default  
8 GVP Custom Default  
9 GVP Alias



