

GENESYS

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SpeechMiner Administration Guide

Installing the SpeechMiner Components

4/4/2025

Installing the SpeechMiner Components

The setup wizard is used to install all SpeechMiner components. You can run it separately on each machine on which you are installing SpeechMiner components. If you are installing multiple SpeechMiner components on the same machine, you can install them at the same time. For example, if you are installing the database server and the web server on the same machine, you can select both of them in the setup wizard. In most systems, SMConfig is installed on all server machines.

Installing Using the Wizard

Installing Using the Wizard

To install components using the setup wizard:

- 1. Open the installation package.
- 2. From the **FullInstaller** folder, run SpeechMinerInstall.exe. The setup wizard opens, with the **Welcome** screen displayed.
- 3. Click Next. The License Agreement screen opens.
- 4. Select I accept the terms of the license agreement, and then click Next. The Installation Type screen opens.

Installation type Please choose the installation type			9
 Analytics and Recording UI 			
C Recording UI Only			
C Analytics Only			
Nullsoft Install System v2,44	< Back	Next >	Cancel

- 5. Select the installation mode:
 - Analytics and Recording UI: SpeechMiner plays back and analyzes interactions recorded with Genesys Interaction Recording.
 - **Recording UI Only**: SpeechMiner plays back the call audio for each interaction in the search results. The contents of the interactions are not processed by the speech-analytics system.
 - · Analytics Only: SpeechMiner imports interactions and their recorded call audio from any recording

system. Once the interactions and their audio is imported SpeechMiner processes the contents of each interaction.

6. Click Next. The Choose Components screen opens.

Choose Components Choose which features of SpeechMiner 8.5 you want to install.			
Check the components you wa install. Click Next to continue.	int to install and uncheck the comp	ponents you don't want to	
Select components to install: Space required: 606.4MB	 Uplatform Smart Web SMConfig ULogger SMUpgrade Interaction Receiver Nuance License Database 	Description Position your mouse over a component to see its description,	
Nullsoft Install System v2,44			
	< Back	Next > Cancel	

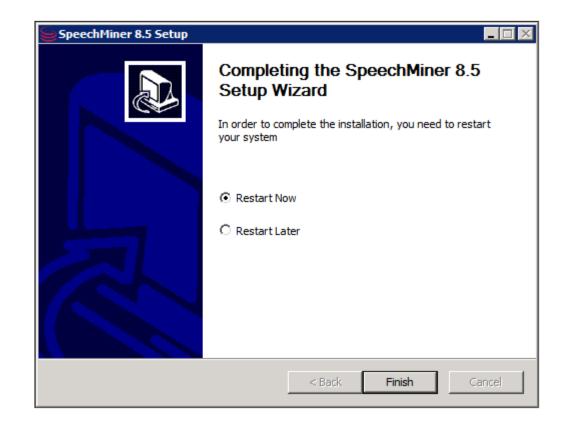
- 7. In the list of components, select the components you want to install on the machine.
- 8. Click **Next**. Which screen you see next depends on the components you selected in the previous screen.
 - If you are installing the Uplatform, see Installing the UPlatform Server.
 - If you are installing SMART, see Installing SMART.
 - If you are installing the database, see Installing the SpeechMiner Database.
 - Otherwise, the **Choose Install Location** screen opens.

Important

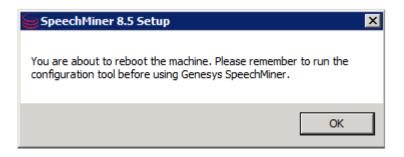
By default, 64-bit SpeechMiner is installed in the following location: C:\Program Files (x86)\Genesys\Software.

SpeechMiner 8.5 Setup	
Choose Install Location Choose the folder in which to install SpeechMiner 8.5.	9
Setup will install SpeechMiner 8.5 in the following folder. To install in a different fold Browse and select another folder. Click Install to start the installation.	er, dick
Destination Folder C:\Program Files (x86)\Genesys\Software Browse.	
Space required: 358.9MB Space available: 9.9GB	
Nullsoft Install System v2.44	Cancel

9. Modify the default installation location if necessary, and then click **Install**. The installation process begins. When the process is completed, the following screen appears:



10. Select **Restart Now**, and then click **Finish**. A warning message appears, and reminds you to configure SpeechMiner before you open it.



11. Click **OK**. The server restarts.

Installing the SpeechMiner Database

Installing the SpeechMiner Database

The SpeechMiner database stores the interaction data and the results of interaction processing. It is usually installed on a dedicated machine. The following sections explain how to install the SpeechMiner database.

Setup Wizard

Running the Setup Wizard

To begin the installation of the database server, run the setup wizard as described under Installing the Components.

To install the database server:

- 1. On the database server machine, run the **Setup Wizard**, as described under Install Using the wizard.
- 2. Follow the instructions there, until the **Database Credentials** screen opens.

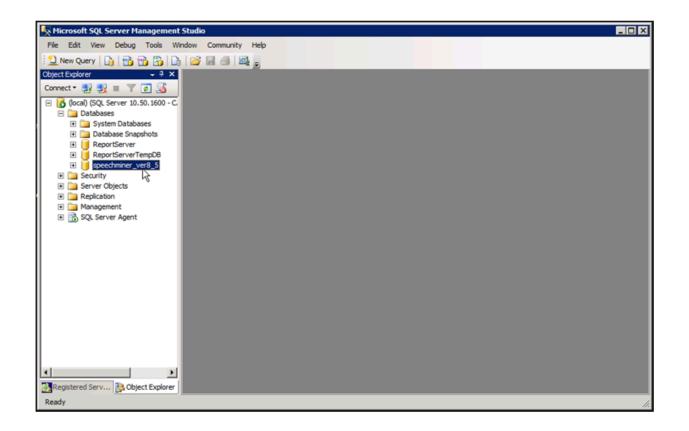
SpeechMiner 8	.5 Setup	_ 🗆 X
Database credentials Please enter the credentials of the Database administrator		
Windows Au	thenticated user	
DB Server		
DB Name	speechminer_ver8_5	
DB User		
DB Password		
Nullsoft Install Syste	am 1/2 44	
мальот с и всал 2950		ancel

3. In the **Database Credentials** screen, fill in the fields as follows:

Field	Description
Windows Authenticated User	Select this option to use the Windows username and password you used to log into the machine as the DB User and DB Password. When you select this option, the DB User and DB Password become unavailable.
DB Server	Enter the name of the server on which you want to install the SpeechMiner database. If you want to install the database on an SQL Named Instance, the server name should be entered as server_name\instance_name.
DB Name	Enter the name of the database in the format speechminer_verX_Y (for example, speechminer_ver8_5).
DB User	Enter SA. (The credentials of the user name entered here will be used for the process of creating the SpeechMiner database.) Note: This field is not available

Field	Description
	when Windows Authenticated User is selected.
	Enter the DB password. Only a user with Administrator permissions can enter password credentials.
DB Password	Note: This field is not available when Windows Authenticated User is selected.

- 4. Click Next. The Choose Install Location screen opens.
- Modify the default installation location if necessary, and then click Install. The installation process begins. When the process is completed select Restart Now, and then click Finish. A warning message appears.
- 6. From the warning message, click **OK**. The server restarts.
- 7. After the database-server installation is completed, check that the speechminer_verX_Y database is present. This can be done by opening SQL Server Management Studio on the SQL server (for example, in the Start menu, under All Programs, select Microsoft SQL Server 2008 R2 > SQL Server Management Studio) and reviewing the list of databases on the server.



Manual Installation

Manually Installing the SpeechMiner Database

An alternative way to perform the database installation is to use data_ver8_5_501_sql2008.bak (an SQL backup file) deployed in **C:\Program Files (x86)\Genesys\Software\Support** during any regular install. Restore this backup on the SQL server and choose settings based on the settings in the steps above. After restoration is complete, update the database properties as follows:

- For both the Data and Log files, change Options\Recovery Mode to Simple and change the Files\ Autogrowth\File Growth parameter to 1024 MB for Data files and 256 MB for Log files.
- In addition, run the following commands to create the dbuser user:
 - On the master database: create login [dbuser] with password='dbuser', check_policy=0FF
 - On the new database: EXEC sp_change_users_login 'Auto_Fix', 'dbuser'

Important

When you manually install the SpeechMiner Database, you must enable the SQL Server Service Broker to allow purging interactions from the database.

To enable the SQL Server Service Broker:

1. Run the SP command: EXEC sp_enableServiceBroker

The SP will try to enable the service broker with ENABLE_BROKER. If it does not succeed, it will run the command with NEW_BROKER. This SP will also use the current DB name correctly.

2. If sp_enableServiceBroker does not enable the Service Broker, run the following query:

ALTER DATABASE [DB_NAME] SET ENABLE_BROKER WITH ROLLBACK IMMEDIATE

3. Run the following query to verify that SQL Server Service Broker is enabled:

SELECT is_broker_enabled FROM sys.databases WHERE database_id=DB_ID()

A value of 1 indicates that the Service Broker is enabled.

If the enable SQL Server Service Broker query fails:

- 1. Close all connections to the database.
- 2. Run the following query:

ALTER DATABASE [DB_NAME] SET ENABLE_BROKER WITH ROLLBACK IMMEDIATE

3. Run the following query to verify that SQL Server Service Broker is enabled:

SELECT is_broker_enabled FROM sys.databases WHERE
database_id=DB_ID()

To disable the SQL Server Service Broker:

1. Run the following query:

ALTER DATABASE [DB_NAME] SET DISABLE_BROKER WITH ROLLBACK IMMEDIATE

Storage Partitions

Creating the Storage Partitions

If the database server is an Enterprise Edition, you must create the storage partitions on the database. To do this, after you install the database server, run the following SQL query on the SpeechMiner database:

EXEC sp_create_DB_storage_partitions

Important

For information about how to open SQL Server Management Studio and run a query, see Setting the Maximum Memory Usage.

Maintenance Jobs

Configuring the Database Maintenance Jobs

When the database is installed, a database maintenance job (SpeechMiner_Maintenance_job - <database>) is automatically created. You should schedule it to run daily or weekly at a time when call volume is expected to be low. In addition to scheduling the job to run, you can also modify it to suit your requirements.

By default, the maintenance job does the following:

- · Shuts down the SpeechMiner UPlatform service
- · Rebuilds fragmented database table indexes
- Restarts the system
- Purges logs of messages that are older than one month
- Purges logs of user events that are older than one year
- Purges the report agent filter by removing entries that are older than 30 days and creating a new list of agents

To open the maintenance-job script:

 From SQL Server Management Studio, under Databases > SQL Server Agent > Jobs, doubleclick the job.

Microsoft SQL Server Management Studio	١×
File Edit View Project Debug Tools Window Community Help	
😳 New Query 🕞 📸 📸 📴 📓 🧀 📾	
Object Explorer + 4 ×	
Connect * 🛃 🛃 🔳 🍸 🛃	
 Grocal (SQL Server 10.50.1600 - CAMELOT'Lschwartz) Databases System Databases Databases Databases Databases Databases ReportServer ReportServerTempDB Speechminer_ver8_5 Security Server Objects Replication Management Sols Server Agent Jobs Speechminer_Maintenance_tob - speechminer_ver8_5 Jobs Speechminer_Ver8_5 Jobs Speechminer_Maintenance_tob - speechminer_ver8_5 Job Activity Monitor Alerts Operators Provies Error Logs 	
Registered Servers 强 Object Explorer	
Ready	11.

📧 Job Properties - SpeechMin	er_Maintenance_job - speech	miner_ver8_5	
Select a page	🔄 Script 👻 📑 Help		
General Steps Schedules	<u>N</u> ame:	SpeechMiner_Maintenance_job - speechminer_ver8_5	
Alerts	<u>O</u> wner:	dbuser	
🚰 Targets	<u>C</u> ategory:	Database Maintenance	▼
Connection	Description:	No description available.	
Server: (local)	Enabled		
Connection: CASCERC PLANTAGE	Source:		
View connection properties	Created:	1/30/2014 5:03:18 PM	
Progress	Last modified:	1/30/2014 5:03:18 PM	
Ready	Last executed:		
To a por	View Job History		
		ОК	Cancel //

The job may optionally include the updateUntilYesterdayMaxChannels and sp_agentFilterCleanByDays jobs. In addition, any procedure that rebuilds indexes and purges old calls should be added as a step in the maintenance job.

Important

If information about the agents and their hierarchy is not available through the UConnector, you can include the sp_createAgentsFromPartitions job in this job.

Changing the Job Owner

To enter change the job owner:

- 1. Open the SQL Management Tool.
- 2. Alter the Store procedure called sp_createMaintenanceJob.
- 3. In the following procedure text replace dbuser with an existing database user.

@owner login name=N'dbuser'

4. Execute the updated Store procedure to create the correct job.

SQL CLR

Deploying the SQL CLR

After you install the database, you should deploy the SQL Common Language Runtime (CLR) assembly on the SQL server. To do this, on the Master, you must set the permissions of the XmlSerializers.dll and enable xp_cmdshell and CLR integration, as explained below.

Important

In order to set the permissions, the user running the SQL services must have modify permissions on sqlclr.XmlSerializers.dll.

To deploy the SQL CLR:

- 1. On the SQL server, open the **SQL Server Management Studio**. (For example, in the **Start** menu, under **All Programs**, select **Microsoft SQL Server 2008 R2 > SQL Server Management Studio**.)
- On the left side of the window, right-click the SQL server and then select New Query. A blank text area opens on the right side of the window.
- 3. Copy the following commands and paste them into the text area:

```
use [master]
CREATE ASYMMETRIC KEY SQLCLRTestKey FROM EXECUTABLE FILE =
 '\\<Machine_Name>\c$\Program Files (x86)\Genesys\Software\Support\
sqlclr.XmlSerializers.dll'
G0
use [master]
CREATE LOGIN SQLCLRTestLogin FROM ASYMMETRIC KEY SQLCLRTestKey
G0
use [master]
```

GRANT EXTERNAL ACCESS ASSEMBLY TO SQLCLRTestLogin

4. In the text area, change <Machine_Name> to the name of the machine on which the SpeechMiner database was installed.

K Microsoft SQL Server Managemen	t Studio
File Edit View Query Project	Debug Tools Window Community Help Execute 》 =
Registered Ser Diject Explorer	Connected. (1/1) (0cal) (10.50 RTM) ◎//S U//(AivAB) (51) speechminer_ver8_5 00:00:00 0 rows
Ready	Ln 3 Col 13 Ch 13 INS //

5. Above the text area, select **Execute**. The commands are executed. When the process is completed successfully, **Query executed successfully** appears at the bottom of the window.

Important

If you get an error message that says, "The certificate, asymmetric key, or private key file does not exist or has invalid format," try changing the path to point at the local drive—for example, C:\Program Files (x86)\Genesys\Software\ Support\sqlclr.XmlSerializers.dll.

6. Open another **New Query**.

7. Copy the following commands and paste them into the **New Query** text area:

```
EXEC sp_configure 'show advanced options', 1
GO
RECONFIGURE
GO
EXEC sp_configure 'clr_enabled', 1
GO
RECONFIGURE
GO
```

8. Above the text area, select **Execute**. The commands are executed. When the process is completed

successfully, xp_cmdshell and CLR integration are enabled, and **Query executed successfully** appears at the bottom of the window.

- 9. Open another New Query.
- 10. Browse to C:\Program Files (x86)\Genesys\Software\Support.
- 11. Run the SQLCLR.sql script.

The clr assembly is created with EXTERNAL_ACCESS. To create an EXTERNAL_ACCESS or UNSAFE assembly in SQL Server refer to: http://msdn.microsoft.com/en-us/library/ms345106.aspx

Recovery Model

Configuring the Recovery Model

In order to save disk space, it is recommended to set the recovery model of the SpeechMiner database to Simple.

Important

If you use Log Shipping, set the recovery model to a full or bulklogged recovery model. Ensure that logs are not written to the same hard drive as the database files.

To set the recovery model to Simple:

- 1. On the SQL server, open the **SQL Server Management Studio**. (For example, in the **Start** menu, under **All Programs**, select **Microsoft SQL Server 2008 R2 > SQL Server Management Studio**.)
- 2. On the left side of the window, right-click the database and then select **Properties**. The **Database Properties** window opens.
- 3. On the left side of the window, select **Options**.
- 4. On the right side of the screen, under **Recovery model**, select **Simple**.

🚺 Database Properties - spee			>
Select a page	🔄 Script 🝷 🚺 Help		
🚰 General 🚰 Files			
Files Filegroups	Collation:	SQL_Latin1_General_CP1_CI_AS	•
Pliegroups Options	Recovery model:	Simple	-
Change Tracking			
Permissions	Compatibility level:	SQL Server 2005 (90)	•
Extended Properties	Other options:		
Mirroring			
Transaction Log Shipping			
	Automatic		<u> </u>
	Auto Close	False	
	Auto Create Statistics	True	
	Auto Shrink	False	
	Auto Update Statistics	True	
	Auto Update Statistics Asynchro	nously False	
	Close Cursor on Commit Enabled		
	Default Cursor	GLOBAL	
	Miscellaneous		
	ANSI NULL Default	False	
onnection	ANSI NULLS Enabled	False	
	ANSI Padding Enabled	False	
Server: local)	ANSI Warnings Enabled Arithmetic Abort Enabled	False False	
	Concatenate Null Yields Null	False	
Connection:	Cross-database Ownership Chai		
CAMELOT\Lschwartz	Date Correlation Optimization Er		
View connection properties	Numeric Round-Abort	False	
_	Parameterization	Simple	
rogress		ompio	
C) Ready	ANSI NULL Default		
		ОК	Cancel

5. Click **OK**. The setting is implemented, and the window closes.

Autogrowth

Configuring the Autogrowth

Important

It is recommended that you enable instant file initialization. For details refer to: http://msdn.microsoft.com/en-us/library/ ms175935.aspxshould

To modify the Autogrowth settings:

- 1. On the SQL server, open the **SQL Server Management Studio**. (For example, in the **Start** menu, under **All Programs**, select **Microsoft SQL Server 2008 R2 > SQL Server Management Studio**.)
- 2. On the left side of the window, right-click the database and then select **Properties**. The **Database Properties** window opens.
- 3. On the left side of the window, select **Files**.

📔 Database Properties - speed	chminer_ver8_5					
Select a page	🔄 Script 👻 📑 He	elp				
General -	<u> </u>	·				
Files	Database name:		speechmine	er_ver8_5		
Filegroups	_		CANELOT			
Change Tracking	Owner:		powerstory (0 SCHWIGHT		
Permissions	Use full-text in	dexina				
Extended Properties						
Mirroring	Database files:					
Transaction Log Shipping	Logical Name	File Type	Filegroup	Initial Size (MB)	Autogrowth	Path
	data_ver8_5	Rows	PRIMARY	276	By 1 MB, unrestricted growth	C:\Program Files\
	data_ver8_5	Log	Not Applicable	320	By 1 MB, restricted growth to 209	SC:\Program Files\
Connection Server: (local) Connection: Critical St Marchive, ta: View connection properties Progress Ready	1					ľ
To a start of the					Add	<u>R</u> emove
					0	K Cancel

Database Description Planament

4. On the right side of the screen select **Autogrowth** in the **Data File** row. The **Change Autogrowth** dialog box opens.

Change Autogrowth for data_v	er8_5 🛛 🗙
Enable Autogrowth	
File Growth	
◯ In <u>P</u> ercent	10 🚔
In <u>M</u> egabytes	1 🗄
Maximum File Size	
O <u>R</u> estricted File Growth (MB)	100 🗾
Unrestricted File Growth	
	OK Cancel

- 5. Verify that **Enable Autogrowth** is selected.
- 6. Under **File Growth**, select **Megabytes**, and then, in the text box on the right enter **1024**.
- 7. Click **OK**. The setting is changed in the **Properties** window.
- 8. On the right side of the screen select **Autogrowth** in the **Log File** row. The **Change Autogrowth** dialog box opens.
- 9. Verify that **Enable Autogrowth** is selected.
- 10. Under File Growth, select Megabytes, and then, in the text box on the right enter 256.
- 11. Click **OK**. The setting is changed in the **Properties** window.
- 12. In the **Properties** window, click **OK**. The setting is implemented, and the window closes.

Installing the SpeechMiner Web

Installing the SpeechMiner Web

The SpeechMiner Web runs the interface to view and work with the interaction data after it has been processed. You can install the web server on one or more machines in your system, as required. To install the web server, run the Setup Wizard, as described under Install Using the wizard.

Important

Once SpeechMiner is installed and configured, users can open the web-based interfaces from their browsers at **http://<webserver_name>/speechminer** (where <web server> is the name of a machine on which the SpeechMiner is installed.

The SpeechMiner application pool uses v4.0 of the .Net framework. After you install the SpeechMiner web server on a machine verify that the SpeechMiner Application Pool is configured with:

- .Net Framework V4.0
- SMUSER account

Configure the SpeechMiner Application Pool with .Net Framework V4.0

- 1. In the Start menu, select Administrative Tools > Internet Information Server (IIS) Manager. The Internet Information Server (IIS) Manager opens.
- 2. In the left pane, expand the server name, and select **Application Pools**. The currently defined application pools are listed in the middle pane.



Application Pools

This page lets you view and manage the list of application pools on the server. Application pools are associated with worker processes, contain one or more applications, and provide isolation among different applications.

Filter:					
Name 🔺	Status	.NET Frame	Managed Pipeli	Identity	Application
ASP.NET v4.0	Started	v4.0	Integrated	ApplicationPoolIden	0
ASP.NET v4.0 Classic	Started	v4.0	Classic	ApplicationPoolIden	0
Classic .NET AppPool	Started	v2.0	Classic	ApplicationPoolIden	0
DefaultAppPool	Started	v2.0	Integrated	ApplicationPoolIden	3
interactionreceiver	Started	v4.0	Integrated	ApplicationPoolIden	1
speechminer	Started	v4.0	Integrated	ApplicationPoolIden	2
•					Þ

- 3. Under **.NET Framework Version**, check the version number listed for the SpeechMiner application pool. If the number is 4.0, you do not have to make any changes. If it is not, double-click the version number. The **Edit Application Pool** dialog box opens.
- 4. Under .NET Framework version, select v4.0.

Edit Application Pool	? ×
Name:	
DefaultAppPool	
.NET Framework version:	
.NET Framework v4.0.30319	•
Managed pipeline mode:	
Integrated 💌	
Start application pool immediately	
OK Cance	

5. Click **OK**.

Installing the Interaction Receiver

Installing the Interaction Receiver

The SpeechMiner Interaction Receiver runs the service that receives the calls (audio and metadata) from the Genesys Interaction Recording system. To install the Interaction Receiver, run the Setup Wizard, as described under Installing Using the Wizard.

To allow Genesys Interaction Recording (GIR) to send a long audio file to SpeechMiner, configure the Request Filtering Feature in the IIS server, as explained in http://www.iis.net/configreference/system.webserver/security/requestfiltering/requestlimits, and set the Maximum allowed content length to 345600000.

The Interaction Receiver application pool uses v4.0 of the .Net framework, and not a later version. After you install the SpeechMiner web server on a machine verify that the Interaction Receiver Application Pool is configured with:

- .Net Framework V4.0
- SMUSER account

Configure the SpeechMiner Application Pool with .Net Framework V4.0

- 1. In the Start menu, select Administrative Tools > Internet Information Server (IIS) Manager. The Internet Information Server (IIS) Manager opens.
- 2. In the left pane, expand the server name, and select **Application Pools**. The currently defined application pools are listed in the middle pane.



Application Pools

This page lets you view and manage the list of application pools on the server. Application pools are associated with worker processes, contain one or more applications, and provide isolation among different applications.

Filter:					
Name 🔺	Status	.NET Frame.	Managed Pipeli	Identity	Application
ASP.NET v4.0	Started	v4.0	Integrated	ApplicationPoolIden	0
ASP.NET v4.0 Classic	Started	v4.0	Classic	ApplicationPoolIden	0
Classic .NET AppPool	Started	v2.0	Classic	ApplicationPoolIden	0
DefaultAppPool	Started	v2.0	Integrated	ApplicationPoolIden	3
interactionreceiver	Started	v4.0	Integrated	ApplicationPoolIden	1
speechminer	Started	v4.0	Integrated	ApplicationPoolIden	2
4					Þ

- 3. Under **.NET Framework Version**, check the version number listed for the Interaction Receiver application pool. If the number is 4.0, you do not have to make any changes. If it is not, double-click the version number. The **Edit Application Pool** dialog box opens.
- 4. Under .NET Framework version, select v4.0.

Edit Application Pool	? ×
Name:	
DefaultAppPool	
.NET Framework version:	
.NET Framework v4.0.30319	•
Managed pipeline mode:	
Integrated	
Start application pool immediately	
OK Cance	

5. Click **OK**.

Installing the UPlatform Server

Installing the UPlatform Server

The UPlatform Server manages all the processing tasks of SpeechMiner—fetching, recognition, categorization, exploration, compression, and indexing. This section explains how to install the SpeechMiner UPlatform Server. It should be installed on all machines on which SpeechMiner processing tasks take place. You can install the UPlatform server on one or more machines in your system, as required.

Important

- After you have installed the UPlatform server and created the required folders, it is recommended to turn off error reporting on the server. For additional information, see http://technet.microsoft.com/en-us/library/cc754364.aspx.
- Regional settings in the Recognition server should be English US or the decimal point separator must be "." and the group separator must be ",", otherwise the recognition will not work well.

Procedure

- 1. To begin the installation of the Uplatform server, run the setup wizard as described under Installing Using the Wizard on the Uplatform server machine.
- 2. Follow the instructions, until the **Choose Components** screen opens.
- 3. Select the following components:
 - Uplatform
 - ULogger
 - Interaction Receiver
 - Nuance License
 - SMConfig
- 4. Click Next.

Important

- If you included **Nuance License** in the components, the **Language Selection** screen opens. Skip the next step.
- If you did not include **Nuance License**, the **Nuance License** screen opens.

- 5. In the **Nuance License** screen, enter the names of one or more Nuance license servers you want to use, as explained in the screen, and then click **Next**.
- 6. In the Language Selection screen, select the languages you want to install.
- 7. Click Next. The Choose Install Location screen opens.
- 8. Modify the default installation location if necessary, and then click **Install**. The installation process begins. When the process is completed select **Restart Now**, and then click **Finish**. A warning message appears.
- 9. In the warning message, click **OK**. The server restarts.

Installing SMART

Installing SMART

The SpeechMiner Administration Tool (SMART) enables users to configure the Speech Analytics system to search interactions for specific topics and other characteristics. SMART should be installed on the work station of each user.

To install SMART on a user's computer:

- 1. On the Uplatform server machine, run the Setup Wizard, as described under Installing Using the Wizard.
- 2. Follow the instructions until the **Choose Components** screen opens.
- 3. Select the following components:
 - Smart
 - ULogger
 - Nuance Licence
 - SMConfig
- 4. Click Next.
 - If you included **Nuance License** in the components you selected, the **Language Selection** screen opens. Skip the next step.
 - If you did not include Nuance License, the Nuance License screen opens.
- 5. In the **Nuance License** screen, enter the names of one or more Nuance license servers you want to us, then click **Next**.

∋SpeechMiner 8.5 Setup	_ 🗆 X
Nuance License Please enter nuance license servers as a list of port@server combinations separated by semi-colon	9
Vullsoft Install System v2,44	
< Back Next > C	Cancel

6. In the **Language Selection** screen, select the languages you want to install.

SpeechMiner 8.5 Setup	
Languages Selection Please select the languages you would like to install	9
American English	
🗖 Brazilian Portuguese	
Canadian French	
Catalan	
Australian English	
UK English	
🗖 European French	
German	
🗖 Italian	
European Spanish	
Latin American Spanish	
ulled to tell Color 2014	
Vullsoft Install System v2,44	Cancel

- 7. Click Next. The Choose Install Location screen opens.
- 8. Modify the default installation location if necessary, then click **Install**. The installation process begins. When the process is completed select **Restart Now**, then click **Finish**. A warning message appears.
- 9. In the warning message, click **OK**. The server restarts.

Required Folders

Creating the Required Folders

After you install the SpeechMiner components, manually create the shared folders as listed in the table. These folders will be used by SpeechMiner to store the audio, index, and backup files used by the system.

Important

Ensure that enough storage space is available to manually create the folders. By default, the minimum space required for each folder is 15GB. This minimum value is set in the minimumFolderSpaceMB field in the SpeechMiner database monitorTbl table. The recommended default value for free space is 25GB. This value is configured in the desiredFolderspaceMB field. If the free space is less than 25GB, the system will show a warning to let you know that you are reaching the recommended minimum value for the minimumFolderSpaceMB field.

All SpeechMiner machines should have access to these shared folders, and they should be shared with all groups and users that require access to them. It is recommended to create the folders on the same LAN as the SpeechMiner system components.

The folder names listed below are recommended, for convenience, but you can actually use any names you choose. In addition, you can create multiple folders for most of the folder types, as explained below. For information about configuring SpeechMiner to use these folders, see Sites & Machines.

Important

When you configure the shares, make sure to specifically give write permissions to the user installing SpeechMiner and to the system user (SMUSER), both under *Sharing* and under *Security*.

Folder Name	Description	Quantity
Input	Folder in which interactions data and metadata will be placed by Uconnector when it retrieves them from the recording system; fetchers collect the data from input folders, prepare it for processing by SpeechMiner, and then place it into store folders.	One folder for each fetcher task; if there are multiple recording systems, or multiple storage media used for storing the unprocessed data, a fetcher task must be created for each data source and for each input folder. For information about deciding how many fetchers to create, see Configuring Machines and Tasks .
Interaction Receiver Input	Folder in which the audio files that are received from the Genesys Interaction Recording solution will be placed, and later processed by the Interaction Receiver.	One for the entire system.

Folder Name	Description	Quantity
	Note: This is a different folder than the Input folder which is used by fetchers.	
Store	Folder in which interactions will be placed by fetchers to await processing by SpeechMiner.	The system can have multiple store folders—for example, if there are multiple storage media used for storing the processed data, you can create a folder on each of them.
Filtered	Folder in which interactions with non-existant or inactive Programs will be placed.	One for each site in the system.
Grammar	The "package" folder, in which the rules for processing voice interactions, including those defined in SMART, are stored.	One for the entire system. Note: If you want to have more than one copy of the folder, you can create additional folders and configure SpeechMiner to use them. If you do this, SpeechMiner will save the same content in each of the folders, so that you will have backups.
Index	Folder in which the system will store an index of calls, metadata, and events, so that they can be found quickly during searches.	One for the entire system.
Backup	Folder in which SpeechMiner will store backups of SMART definition sets (Program, Topic, and Category definitions).	One for the entire system. Note: If you want to have more than one copy of the folder, you can create additional folders and configure SpeechMiner to use them. If you do this,

Folder Name	Description	Quantity
		SpeechMiner will save the same content in each of the folders, so that you will have backups.