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Apple Messages for Business Guide

Messaging Applications 9.1.0

6/5/2023

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Apple Messages for Business

This document describes how to deploy and use the Genesys driver and plugin for Apple Messages for Business.

- [Deploying the Apple Messages for Business Driver](#)
- [Deploying Genesys Hub Plug-in for Workspace Desktop Edition](#)
- [Sample Business Process for Apple Messages for Business](#)
- [Using the Workspace Desktop Edition Plugin](#)

Deploying Apple Messages for Business

Prerequisites

Component	Prerequisites
Digital Messaging Server (DMS)	Minimum version 9.1.003.12 or later is required.
Workspace Desktop Edition (WDE)	Minimum version 8.5.127.06 or later is required
eServices Manager	Minimum version 9.0.000.09 or later is required.

Deploy Digital Messaging Server

Follow the [installation procedure for Digital Messaging Server](#).

Create an Apple Messages for Business channel in Genesys Hub

Follow the [procedure for creating an Apple Messages for Business channel in Genesys Hub](#).

Install the channel driver

1. Navigate to the folder that contains the installation package for Genesys Driver for use with Apple Business Chat via Hub.
2. Run the installation for Genesys Driver for use with Apple Business Chat via Hub:
On Windows, run `setup.exe`
On Linux, run `install.sh`
3. When prompted by the installation dialog, specify the proper Configuration Server parameters for your environment and select the desired Digital Messaging Server application.
4. After installation, locate the **AbcHubDriver.cfg** configuration file in the \<**Digital Messaging Server application**>\media-channel-drivers\channel-abc-hub folder.
5. In GAX, open your Digital Messaging Server Application, go to the **Options** tab, and import options from the **AbcHubDriver.cfg** file.

Configuration

All options are documented in the [Options Reference](#).

Configuring Chat Server

Set the following Chat Server options:

- transcript-auto-save = 1
This setting automatically saves the chat transcript in UCS in case of a solution failure.
- xml-request-max-size = 100000
Setting this value to 100 KB or more is required when using rich messaging functionality.

Follow [Deployment guidelines for async and regular chat](#) in the *Chat Server Administration* guide.

Endpoints

- Chat Server: in the **[endpoints]** section, add a queue called **async-chat-greet-queue**.
- Digital Messaging Server: in the **[channel-*any name*]** section for your Apple Messages for Business channel, add an endpoint called **session-chat**. For example: ,1:session-chat.

The first screenshot shows the 'Digital Messaging Server Properties' configuration page. The 'Application Options' table lists three entries:

Name	Section	Key	Value
channel-abc-hub \ driver-classname	channel-abc-hub	driver-classname	com.genesyslab.mcr.smlserver.channel.abc.HubDriver
channel-abc-hub \ inbound-route	channel-abc-hub	inbound-route	,1:session-chat
channel-abc-hub \ password	channel-abc-hub	password	*****

The second screenshot shows the 'ChatServer Properties' configuration page. The 'Application Options' table lists four entries:

Name	Section	Key	Value
▼ endpoints:1			
endpoints:1 \ default	endpoints:1	default	Chat inbound queue
endpoints:1 \ session-chat	endpoints:1	session-chat	async-chat-greet-queue
▶ esp-settings			

Deploy Genesys Hub Plug-in for Workspace Desktop Edition

1. Install Workspace using the **ClickOnce deployment** procedure.
2. **Configure and install** the plugin, ensuring that your configuration procedure includes importing the template and metadata for the plugin. This makes roles and other required items available.
3. Open the Workspace Desktop Edition Deployment Manager.
4. Create a deployment package. In the **Customization** section, ensure that you select **Genesys Hub Plug-in for Workspace Desktop Edition**.

Workspace Desktop Edition Deployment Manager

Package Information
Enter the installation package information

Application Name*: Workspace Desktop Edition

Identity: ☐ Allows multiple deployments on the same agent workstation

Publisher*: Genesys Telecommunications Laboratories

Application Group*: Workspace Desktop Edition

The following shortcut will be created in Windows Start Menu:
Genesys Telecommunications Laboratories/Workspace Desktop E...

Version*: 8.5.131.01 | 1

Binary Type*:
☒ 32 bits. Consumes smaller memory footprint.
☐ 64 bits. Allows migration from a package initially deployed in 8.1.2 or earlier.
Consumes larger memory footprint on 64 bits OS.

Base URL*:
URL of the Virtual Directory corresponding to the deployment folder:
http://[WebServer]/[VirtualDirectory]

Customization:
☐ Add custom files
☒ Genesys Hub Plug-in for Workspace Desktop Edition
☐ WDE Skype Plug-in

< Back Next > Cancel

5. Deploy the package on a web server.

Genesys Telecommunications Laboratories Workspace Desktop Edition

Name: Workspace Desktop Edition

Version: 8.5.131.01.0

Publisher: Genesys Telecommunications Laboratories

The following prerequisites are required:

- .NET Framework 4.5

If these components are already installed, you can [launch](#) the application now. Otherwise, please contact your administrator.

[ClickOnce and .NET Framework Resources](#)

6. If you are using role-based access control,
 - You must assign all Workitem privileges. The plugin does not support unassigned Workitem privileges.
 - Assign `InteractionWorkspace.AppleBusinessChat.canUse` privileges. This allows agents to load the Apple Messages for Business plugin. If this permission is not set, the plugin will not load.
7. Provide values for the configuration options that you added to your Workspace Application, as described in the next section.

Configuring the Plugin

Plugin Options

All options for the Apple Messages for Business plugin are located in the **[interaction-workspace]** section. Options are documented in the [Options Reference](#).

When using the [Asynchronous chat subroutine](#), set the following configuration options in the **[interaction-workspace]** section:

- **applebcsession.on-hold-queue** to `async-chat-return-queue`
- **workbin.applebcsession.in-progress** to `async-chat-main-workbin`

Workspace Desktop Edition Options

Workspace Desktop Edition options are documented in the [Configuration Options Reference](#) section of the Workspace Desktop Edition Deployment Guide. The following settings are recommended:

- **contact.directory-displayed-columns** = `LastName,FirstName,PhoneNumber,EmailAddress,_msg_ProfileNickname`

- **contact.directory-search-attributes** = LastName,FirstName,PhoneNumber,EmailAddress,_msg_ProfileNickname
- **contact.displayed-attributes** = Title,FirstName,LastName,PhoneNumber,EmailAddress,_msg_ProfileNickname
- **display-format.case-name-format** = \$Contact._msg_ProfileNickname\$|\$Contact.FirstName\$ \$Contact.LastName\$|\$Interaction.MainParty\$
- **display-format.customer-name-format** = \$Contact._msg_ProfileNickname\$|\$Contact.FirstName\$ \$Contact.LastName\$|\$Party.DisplayName\$
- **interaction.window-title** = (\$Contact.FirstName\$ \$Contact.LastName\$ \$Interaction._msg_ProfileNickname\$|\$Interaction.MainParty\$) - \$Interaction.Type\$ - \$Window.Title\$
- **toast.window-title** = (\$Contact._msg_ProfileNickname\$|\$Contact.FirstName\$ \$Contact.LastName\$|\$Interaction.MainParty\$) - \$Window.Title\$

Important

The plugin supports only the **Default** and **HighContrast** themes. If any other theme is specified, the plugin icons will be missing.

Other configuration

- Create the following **media type** in the Configuration Server database: **applebcsession**. Next, add the **applebcsession** media type to your environment's **capacity rules** and specify how many instances of **applebcsession** interactions are allowed simultaneously.
- Create a Business Attribute of type **Interaction Subtype** with the name **InternalConferenceInvite**.
- Genesys recommends that you increase the default value of the session-shutdown-timeout option in DMS to 1800 (30 minutes).

Contact Attributes

In Genesys Administrator or Configuration Manager, create the following Business Attribute Values for the **Contact Attributes** Business Attribute:

ABC User ID

- **Name**—_msg_ProfileUserId_ABC
- **Display Name**—Profile User ID for Apple Messages for Business

In the **Annex** tab, add the following options in the **[settings]** section:

- **is-searchable** = true

- **is-sortable** = true
- **search-order-level** = 1

Profile Nickname

- **Name**—_msg_ProfileNickname
- **Display Name**—Profile Nickname

In the **Annex** tab, add the following options in the **[settings]** section:

- **is-searchable** = false
- **is-sortable** = false

Role permissions for sending attachments

Administrators can control whether an agent is allowed to send attachments in Apple Messages for Business interactions using the following permissions:

Permission name	Display name	Description
InteractionWorkspace.AppleBusinessChat.canSendFiles	AppleBusinessChat - Can Send Files	The agent is permitted to send files as attachments

Uninstalling or upgrading

Driver

Uninstalling the driver

1. Stop the DMS application with the driver. This can be done for example via GAX (or **Services** if using Windows).
2. Uninstall the driver:
 - On Windows through **Control Panel > Programs and Features**.
 - On Linux by running the **./uninstall_custom.sh** script from the **media-channel-drivers/channel-abc-hub/uninstall** folder.
3. Verify that the folder **channel-abc-hub** was removed under folder **media-channel-drivers**.

Upgrading the driver

1. Follow the procedure above to uninstall the old version of the driver.
2. Install the new version of the driver, using the instructions above on this page.
3. Start the DMS application with the driver.

Plugin

Uninstalling the plugin

1. Uninstall the plugin.
2. Create a deployment package with **Workspace Desktop Edition Deployment Manager**.
3. Deploy the package onto a web server.

Upgrading the plugin

1. Follow the procedure above to uninstall the old version of the plugin.
2. Install the new version of the plugin, using the instructions above on this page.
3. Create a deployment package with **Workspace Desktop Edition Deployment Manager**. Ensure you select the plugin in the **Customization** section.
4. Deploy the package and plugin onto a web server.

Sample Business Process for Apple Messages for Business

Apple Messages for Business uses the same business process as Chat.

Refer to the [Chat Business Process Sample](#) for more information.

Apple Messages for Business Hub Driver Attributes

The following is a list of attributes that the driver adds to the interaction.

Simple Text Message

Attribute	Type	Description
_umsMediaType	String	Always "applebc"
_umsMediaTypeChat	String	Always "applebcsession" value
_umsChannel	String	Channel name
_umsChatPossible	String	Always "true" value
_umsMsgId	String	Message identifier (Apple's data)
_umsMsgType	String	Always "text" value
_umsFromAddr	String	Unique identifier of Apple's user or "SYSTEM" for notification messages
_umsToAddr	String	Unique identifier of dialog (pair AppleUserId + businessId)
_umsConversationId	String	Unique identifier of dialog (pair AppleUserId + businessId)
_umsDriverDataWithAttachment	String	"False" for messages without attachment. "True" for messages with attachment.
_umsMsgPlainText	String	Text of message
_msg_PlainText	String	Text of message
Subject	String	Subject of message
_msg_CreatedAt	String	Timestamp for when message was received
_msg_MsgId	String	Message identifier (Apple's data)
_msg_MsgType	String	Always "text" value
_msg_FromUserId	String	Unique identifier of Apple's user
_msg_ToAddr	String	Unique identifier of dialog (pair AppleUserId + businessId)
_msg_ProfileServiceName	String	Always "ABC" value
_msg_ProfileUserId_ABC	String	Unique identifier of Apple's user

Attachment Message

Attribute	Type	Description
_umsMediaType	String	Always "applebc"
_umsMediaTypeChat	String	Always "applebcsession" value
_umsChannel	String	Channel name
_umsChatPossible	String	Always "true" value
_umsMsgId	String	Message identifier. Apple's data
_umsMsgType	String	Always "text" value
_umsFromAddr	String	Unique identifier of Apple's user or "SYSTEM" for notification messages
_umsToAddr	String	Unique identifier of dialog (pair AppleUserId + businessId)
_umsConversationId	String	Unique identifier of dialog (pair AppleUserId + businessId)
_umsDriverDataWithAttachment	String	"False" for messages without attachment. "True" for messages with attachment
_umsMsgPlainText	String	Text of message
_msg_PlainText	String	Text of message
Subject	String	Subject of message
_msg_CreatedAt	String	Timestamp of message receive moment
_msg_MsgId	String	Message identifier. Apple's data
_msg_MsgType	String	Always "text" value
_msg_FromUserId	String	Unique identifier of Apple's user
_msg_ToAddr	String	Unique identifier of dialog (pair AppleUserId + businessId)
_msg_ProfileServiceName	String	Always "ABC" value
_msg_ProfileUserId_ABC	String	Unique identifier of Apple's user
_umsDriverDataWithAttachment	String	Always "true" value
_umsDriverData	Binary	Information about attachment. Attachment Id, contentType, size

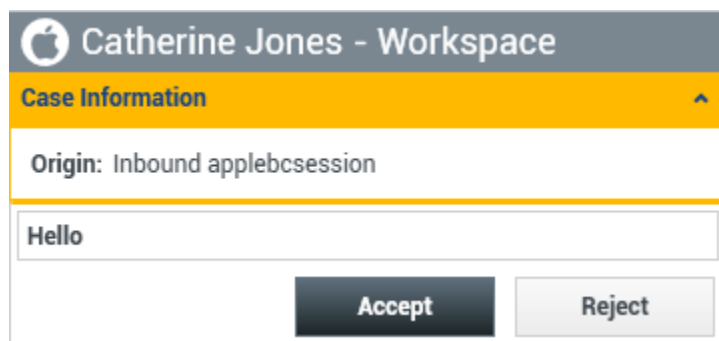
Handling Apple Messages for Business Interactions on Workspace Desktop Edition

This section describes using Workspace Desktop Edition to receive and handle interactions coming from the Apple Messages for Business channel of Genesys Messaging Apps.

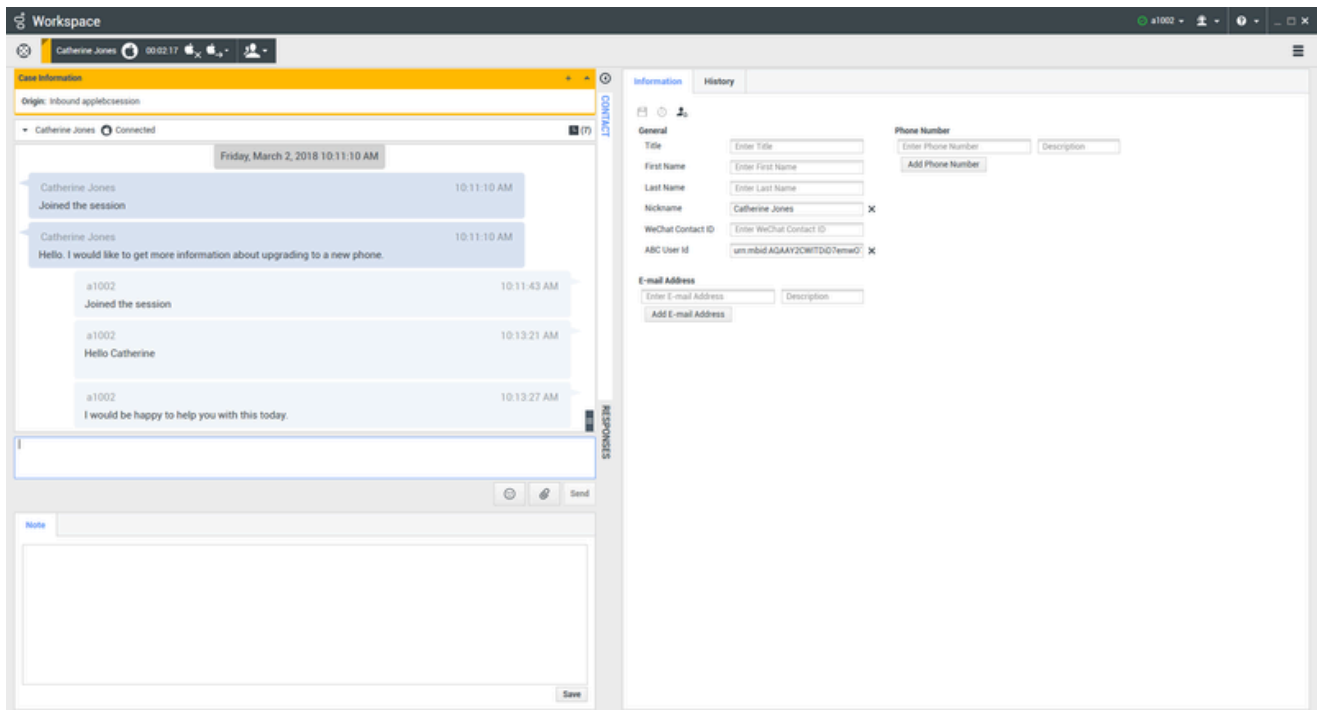
[Link to video](#)

Receiving and Handling an Inbound Apple Messages for Business Interaction

If you are the selected internal target of an inbound Apple Messages for Business interaction, you receive a notice on your workstation desktop. You can decide to accept or reject the interaction.

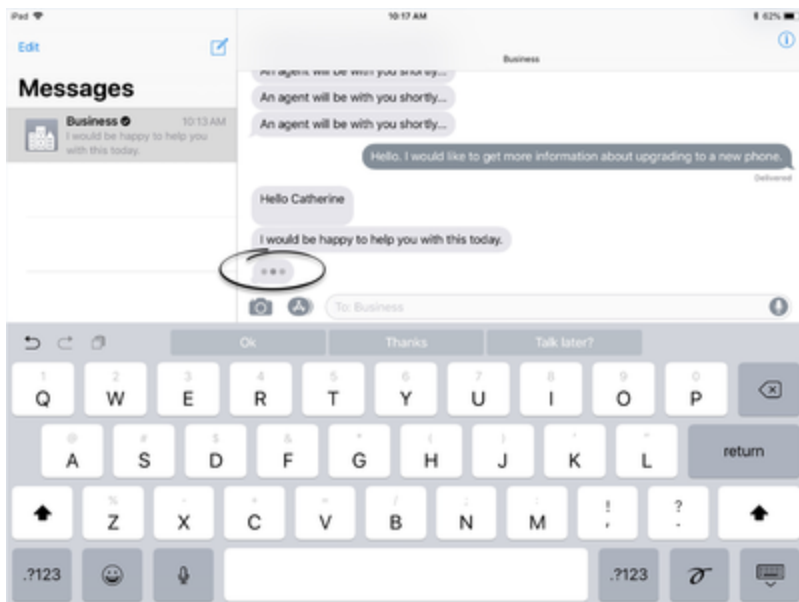


If you accept it, the Apple Messages for Business Interaction window is displayed. The Apple Messages for Business Interaction window contains information about the interaction and the controls that you need to complete the interaction.



The message area appears similar to a smartphone-based messaging app client:

- Client messages are left-aligned.
- Agent messages are right-aligned.
- Errors are centered.
- The date for when the session started is centered.
- The customer sees a typing notification when the agent is writing a message, as shown below.



Each message contains a timestamp of when the message is received by the plugin. If there is a delay in receiving a message, the message origination time is shown using bold font and the message arrival time is shown as a tooltip. When there is no delay, only the message arrival time is shown.



If there is an issue in displaying the message in the correct chronological order, the timestamp is highlighted in red. If the customer's contact information matches an entry in your contact database, the customer's name appears in the message area. Otherwise, a default nickname appears.

Additionally, if the customer previously contacted your company using Apple Messages for Business, these previous interactions appear in the message area. Depending on your settings and the number of previous messages, you might need to click **see older messages...** to see previous Apple Messages for Business messages from the current contact. Records of previous Apple Messages for Business interactions, as well as records of other interaction types, also appear in the [Contact History](#) view in Workspace.

You can see the transcript only for the current Apple Messages for Business channel.

Important

- Administrators can configure colors and text size. See the [configuration options](#) page for more information.
- Administrators can configure the option `applebcsession.transcript-interactions-count` to specify how many messages from previous interactions appear in the chat message window.

- Administrators can configure the option `applebcsession.max-text-message-size` to set the maximum size of the outbound text message, specified in bytes by converting the message string to UTF-8 encoding. A notification appears below the message area if the maximum value is exceeded. Some symbols might require additional characters, such as emojis.
- Administrators can enable agents to see messages from multiple Apple Messages for Business channels in the transcript by setting the **`applebcsession.show-cross-channel-messages`** option to True.
- Administrators can set the delay timespan using the **`applebcsession.message-delay-timespan`** option to indicate whether there is a delay in receiving a message or not.



Lesson: Handling an inbound Apple Messages for Business interaction

Purpose: To handle an inbound Apple Messages for Business interaction properly.

Prerequisites

- You are logged in to Workspace (see [Lesson: Logging in to Workspace](#)).
- Your status is Ready for the Apple Messages for Business media channel (see [Lesson: Going Ready in the Workspace Main window](#)).
- You are the internal target of the inbound interaction.

Start

1. A preview of the inbound interaction is displayed on your workstation desktop in an interactive-notification view. The Interaction Preview contains a summary of information that pertains to the interaction, including contact information and type of interaction. The Interaction Preview might also contain Case Information, which is part of the case data about the interaction.
2. You can choose to accept or reject the interaction in the Interaction Preview by performing one of the following steps:
 - Click Accept to display the interaction.
 - Click Reject to return the interaction to the queue.
 - Do nothing. The interaction will time out and be redirected.
3. To reply to the message, just enter text in the message area. You can copy and paste selected text.
4. (Optional) If necessary, you can transfer the conversation to another agent, or invite another agent to join a conference.
 1. Click  (transfer) or  (conference), and select the type of target.
 2. Click the magnifying glass to search by name or phone number.

Important

- Before agents can request a conference, an administrator must:
 - Set the option `intercommunication.applebcsession.queue` before agents can request a conference via the Skill or Group option.
 - Create a Business Attribute of type **Interaction Subtype** with the name **InternalConferenceInvite**.
- For more information on transfers, refer to the Workspace documentation topic **Lesson: Starting an instant SMS transfer**, which is similar to the Apple Messages for Business procedure.
- Administrators can enable or disable the incoming message blinking feature using the `applebcsession.new-message-blinking` option. Additionally, they can also control the duration of blinking using the `applebcsession.new-message-blinking-duration` option when this feature is enabled.
- Administrators can control whether the chat transcript window scrolls automatically down or not whenever there is a new message by configuring the **`applebcsession.focus-on-new-messages`** option.

End

Next Steps

- You may wish to use some of the the features in described in Apple Messages for Business Functionality and Workspace Functionality below. When you are finished, click Done to stop the current interaction. The information is saved in the contact history and the Apple Messages for Business Interaction window is closed. You can also [set a disposition code](#).

Pending response indicator

Important

This section applies only to Apple Messages for Business 9.0.002.xx releases and higher.

When you receive a message from a contact, a timer is started and a pending response indicator appears next to the interaction-type icon at the top of the Apple Messages for Business interaction



window (). The duration of the timer is specified by your administrator with the option `applebcsession.pending-response-to-customer`. This timer indicates that you have a pending response to the contact.

The color of the pending response indicator begins as green. If you have not responded by a specific time interval, the indicator changes to yellow. If you still have not responded by a second time

interval, the indicator changes to red and begins to flash. The indicator disappears after you send a message to the contact.

If you have a pending response, and the Apple Messages for Business interaction window is not the active window, the Workspace task icon begins to flash in the Windows taskbar, regardless of the condition that is displayed by the pending response indicator. This flashing stops as soon as you navigate back to the interaction by clicking the Interaction control bar.


Using workbins

Important

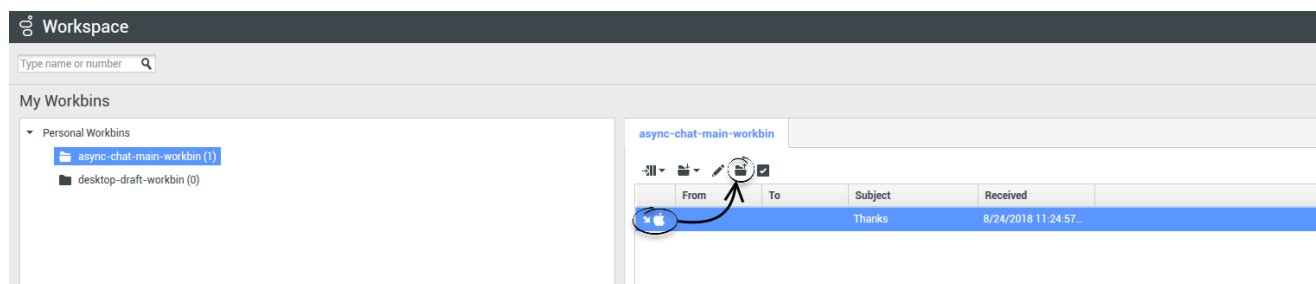
This section applies only to Apple Messages for Business 9.0.001.05 releases and higher.

Your company might use **workbins** to manage Apple Messages for Business interactions. A workbin is like a queue in which you can store interactions that are to be handled later. Additionally, when you log out, open Apple Messages for Business interactions are transferred to a workbin for later use. If a customer resumes one of these interactions, it is automatically removed from the workbin and transferred to an available agent.



Click  to transfer the interaction to a workbin. The interaction closes in Workspace but the session remains active in the background (server-side) and for the end customer.

To retrieve the interaction from the workbin, select the interaction and click Open, as shown below:



Important

An agent cannot contact a customer after the customer deletes the Apple Messages for Business session from his or her device. This event is reported in the Apple Messages for Business transcript, as shown below:

Notification

11:47:05 AM

The customer closed this conversation.

Standard Response Library

You can use the Workspace Standard Response Library to insert prepared replies into your conversation. Text is sent first in a separate message, followed by attachments (if any). You can click the **X** above an attachment file to remove it from the response.

You can also use standard responses to insert structured messages that use Apple Messages for Business-specific features, such as

- [Apple Pay](#)
- [Custom Extensions](#)
- [Date Pickers](#)
- [List Pickers](#)
- [Rich Links](#)

These features are described in more detail below.

Tip

- See [Using The Standard Response Library](#) in the Workspace Desktop Edition documentation for more general information on using standard responses.
- You can also use a shortcut to insert a standard response into an Apple Messages for Business interaction. For information on how to use these shortcuts, refer to [Using a shortcut to insert a standard response](#).
- Administrators can refer to the [eServices Manager documentation](#) for information on configuring structured messages for Apple Messages for Business.
- Refer to the [Apple Messages for Business documentation](#) for more information on using structured messages.
- High contrast theme is also supported for Apple Messages for Business structured messages.

Apple Pay

This response allows customers to pay for a purchase using Apple Pay.

You use this feature in the same way you would use a standard response. In the **Responses** tab, select the standard response that uses the Apple Pay feature.

The customer receives the message and provides a response.

Customizing the Apple Pay message

Select the Apple Pay message to access the following tabs and settings:

- **Payment Request** tab
 - **Label**—This column contains one or more line items for which the customer must pay.
 - **Amount**—This column specifies the price for each line item.
 - **Subtotal**—The total amount of the line items for which the customer must pay.
 - **Tax Rate**—The tax rate to use to calculate **Total Amount** price.
 - **Total Label**—The text label for the **Total Amount** value.
 - **Total Amount**—The total price, which includes tax.
 - **Tax Shipping**—If selected, tax is also applied to the shipping cost (see **Shipping Methods**, below). You can click the **Add** or **Remove** button to manually add or delete line items before sending this Apple Pay request to the customer.
- **Shipping Methods** tab
 - **Label**—This column contains one or more shipping methods that the customer can choose.
 - **Detail**—This column provides more information about each shipping method.
 - **Amount**—The cost for each shipping method.
 - **Tax**—If you selected **Tax Shipping** in the **Payment Request** tab, this column shows the tax to be charged for the shipping method.
As an agent, you can click the **Add** or **Remove** button to manually add or delete shipping methods before sending this Apple Pay request to the customer. The customer can select one of the provided shipping methods before he or she pays. If the customer does not make a selection, the default shipping method (the first item in the **Shipping Methods** list) is automatically applied.
- **Extra Information** tab
 - Information in this tab might vary depending on your configuration. Ask your administrator for additional information.
- **Received Message** tab
 - These settings are typically pre-configured in the standard response. Only change these settings if directed to do so by a supervisor or manager.

Custom Extensions

Important

Custom extensions are unique to each customer. Therefore, the information in this section might not apply to all customers.

Custom extensions are custom-built iMessage or iOS apps that provide extended functionality. For example, your company might have an app that helps customers to access additional information on your server, such as account information.

You use this feature in the same way you would use a standard response. In the **Responses** tab, select the standard response that uses the Custom Extension.

The customer receives the message and selects a response.

Configuring the Custom Extension

Select the Custom Extension to access the following tabs and settings:

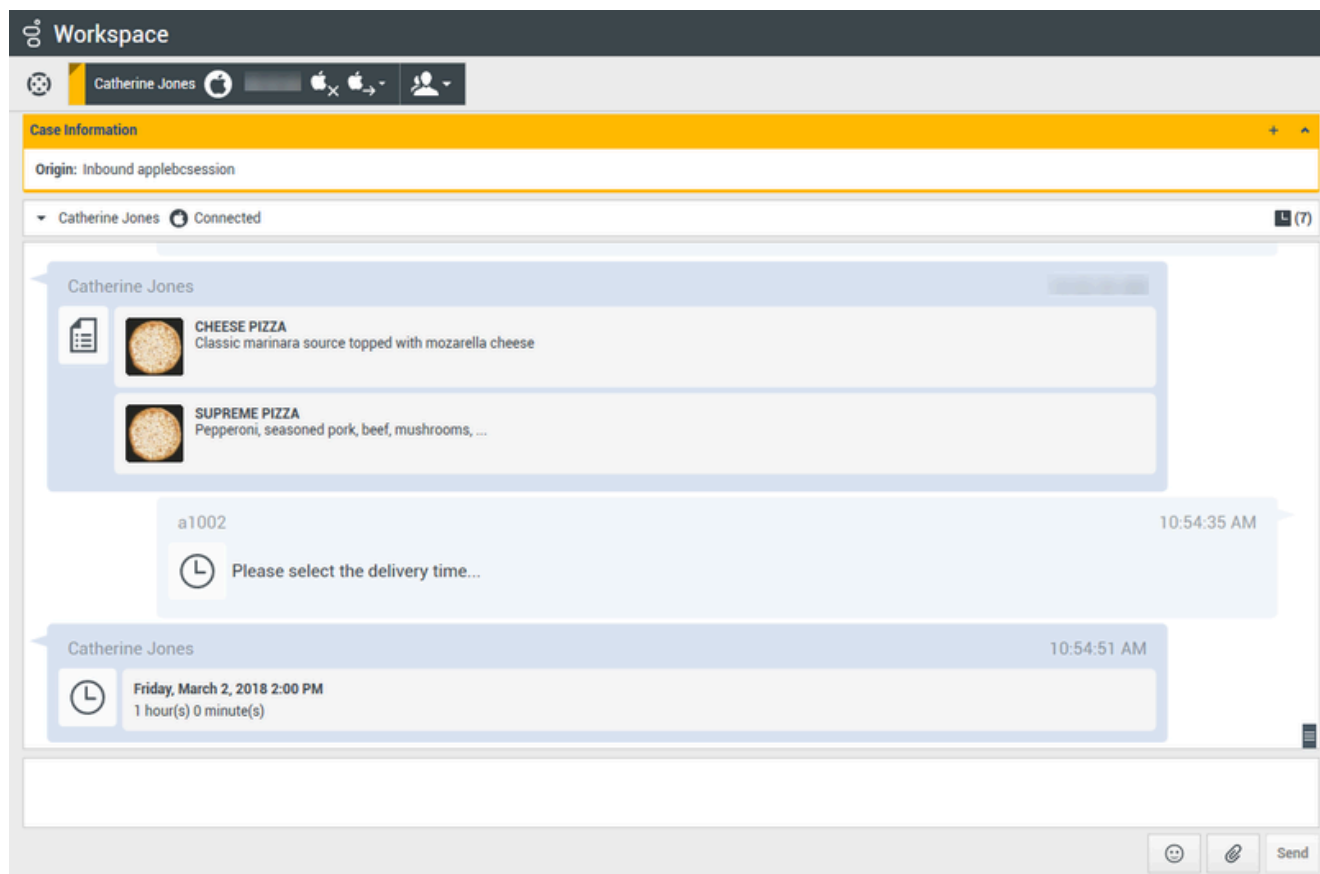
- **Custom Extension** tab—The information on this tab is specific to your custom extension. At a high level, the information you see here specifies the parameters and values used by the custom extension. Do not modify this information unless directed to do so by a manager or supervisor.
- **Received Message** tab—This tab shows a preview of the message to be sent to the customer.

Date Picker

The Date Picker feature enables you to provide the customer with a list of dates from which to make a selection. For example, you might provide a list that prompts the customer to choose a date for scheduling a service call.

You use this feature in the same way you would use a standard response. In the **Responses** tab, select the standard response that uses the Date Picker feature.

The customer receives the message and selects a response.



Customizing the Date Picker

Select the Date Picker to access the following tabs and settings:

- **Event** tab
 - **Title**—Provide a title for the Date Picker message.
 - **Location**—(Optional) Describe a location for the Date Picker event.
 - **Latitude**—(Optional) Provide a latitude for the location.
 - **Longitude**—(Optional) Provide a longitude for the location.
 - **Radius**—(Optional) The location radius, in meters. If the latitude and longitude fields are missing or empty, this field is ignored.
- **Timeslots** tab
 - Click **Add** to add a timeslot. In the **StartTime** field, select a date and time for the timeslot. Go to the **Duration** section to specify the length of the timeslot.
 - You can click **Add** to add another timeslot. To delete a timeslot, select the timeslot and click **Remove**.
- **Received Message** tab

- These settings are typically pre-configured in the standard response. Only change these settings if directed to do so by a supervisor or manager.
- **Reply Message** tab
 - These settings are typically pre-configured in the standard response. Only change these settings if directed to do so by a supervisor or manager.

Important

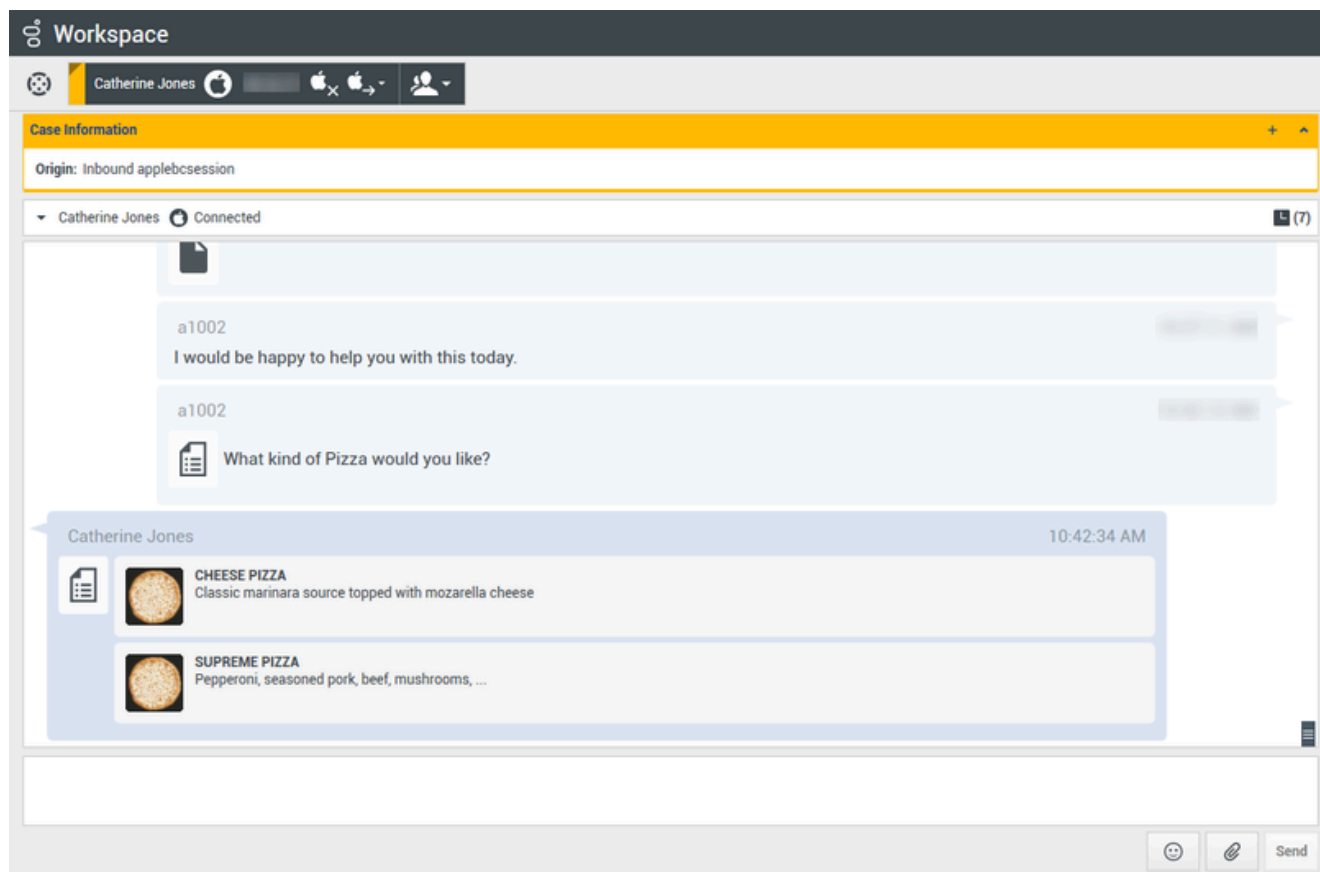
The **Title** and **Duration** fields are only presented to customers when they add the event to their calendar.

List Picker

The List Picker feature enables you to provide the customer with a list of options from which to make a selection. For example, you might provide a list that prompts the customer to choose a reward or a particular type of credit card.

You use this feature in the same way you would use a standard response. In the **Responses** tab, select the standard response that uses the List Picker feature.

The customer receives the message and selects a response.



Customizing the List Picker

Select the List Picker to access the following tabs and settings:

- **List Picker** tab
 - **Multiple Selection**—Select this option to allow the customer to choose more than one item from the list.
 - Right-click an object in the list section to access a contextual menu with the following options:
 - **Add Section**—Add a new section to the list.
 - **Add Item**—Add a new item to the selected section.
 - **Remove Section** or **Remove Item**—Remove the selected section or item.
 - **Move Up**—Move the selected object higher in the list.
 - **Move Down**—Move the selected object lower in the list.
 - **Title**—Provide a title for the List Picker message.
- **Received Message** tab
 - These settings are typically pre-configured in the standard response. Only change these settings if directed to do so by a supervisor or manager.

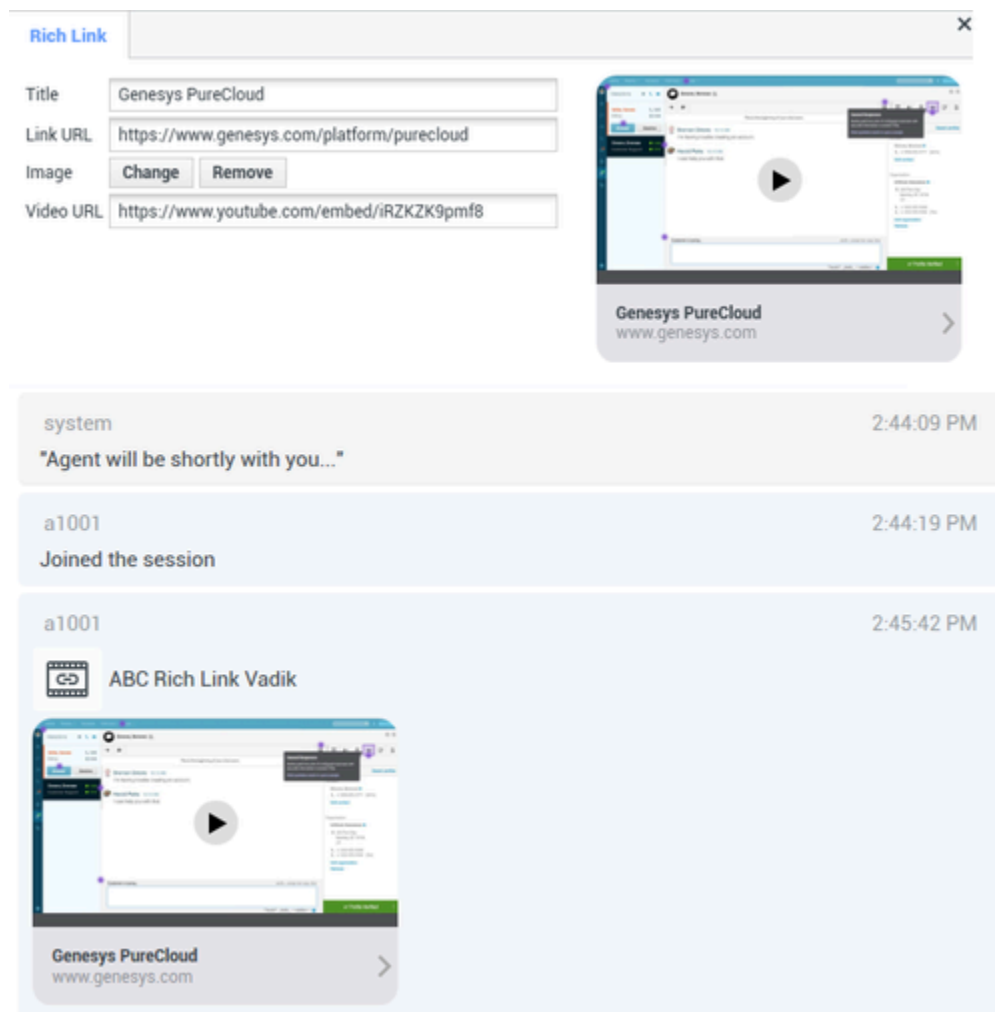
- **Reply Message** tab

- These settings are typically pre-configured in the standard response. Only change these settings if directed to do so by a supervisor or manager.

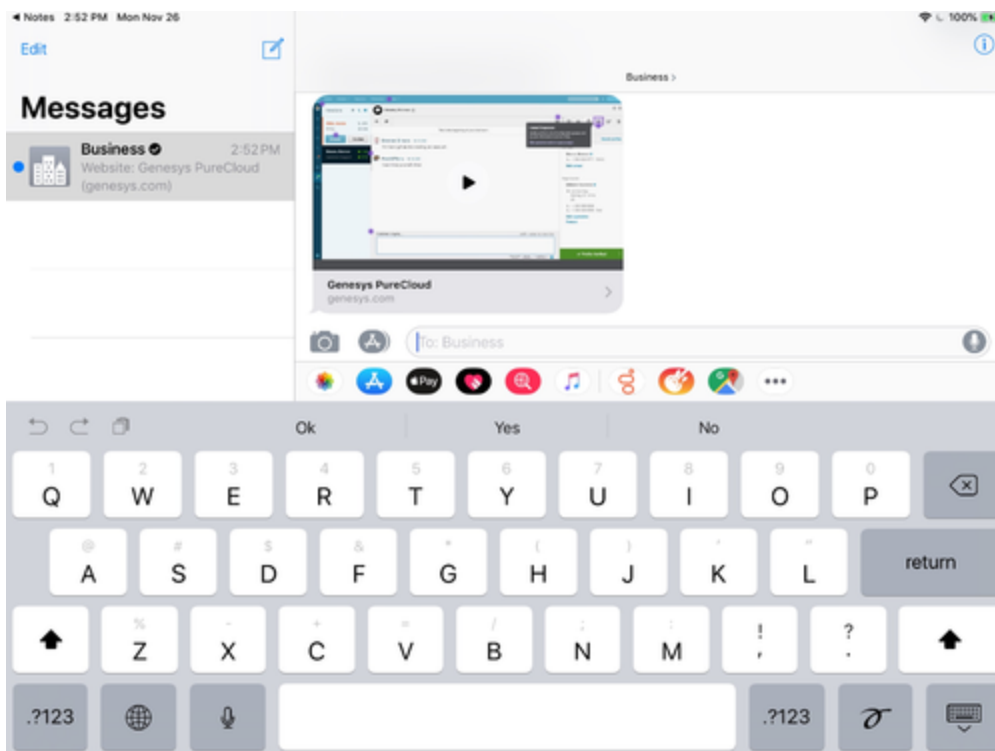
Rich Links

You can use Rich Links to show customers an inline preview of an image or video within the chat. Unlike regular messages, customers can view the media immediately without having to click a "Tap to Load Preview" message.

You use this feature in the same way you would use a standard response. In the **Responses** tab, select the standard response that uses the Rich Link feature. An example standard response that uses a Rich Link is shown below:



The customer receives the message and can view the media directly in the chat, as shown below:




Supported file types

The following image formats are supported (file size must be less than 1 MB):

- PNG
- JPG/JPEG
- GIF
- BMP

Support for streaming video is dependent on Apple. Video format support is not limited by this plugin.

Attachments

Click  to attach a file. After attaching a file, you can preview the file before clicking **Send** when the **applebcsession.two-step-attachment-upload** option is set to **true**. If the option is set to **false**, the attachment is sent immediately after you select the file.

You can also receive attachments.

- Click the corresponding icon in the transcript area to display or play the attachment.
- Right-click the icon and select **Save as...** to save the attachment.

Important

- The file size of an attached file must be smaller than 100 MB.
- The size and type of file that you can attach or receive might be further limited by your configuration.
- A system specific file icon is shown.

The following attachment types are supported:

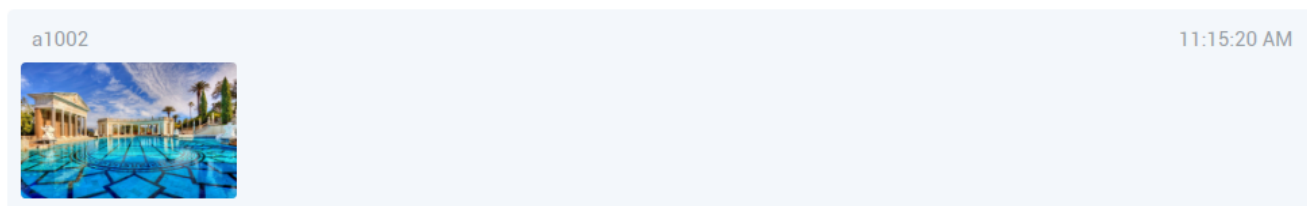
- Non-multimedia files—Non-multimedia files are opened by the default application for that file type. Currently, the following document types are supported: PDF, DOC(X), PPT(X), and XLS(X).



- Audio—An audio attachment icon appears in the message area. Select the icon to open the audio file.



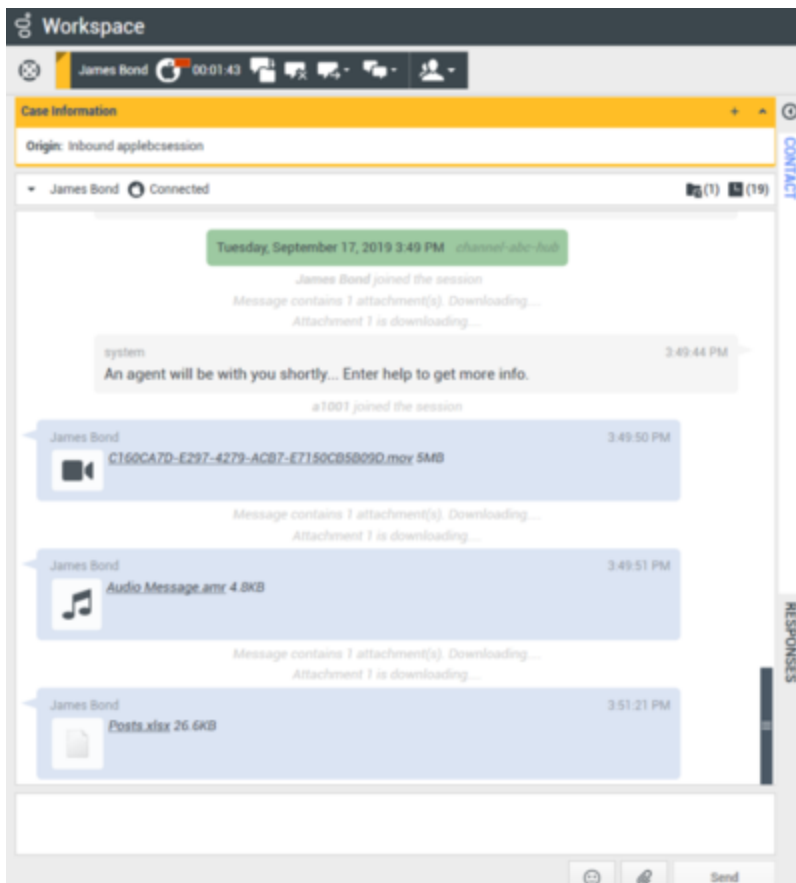
- Images—A preview of the image appears in the message area. Select the image to open the image.



- Videos—A video attachment icon appears in the message area. Select the icon to open the video.



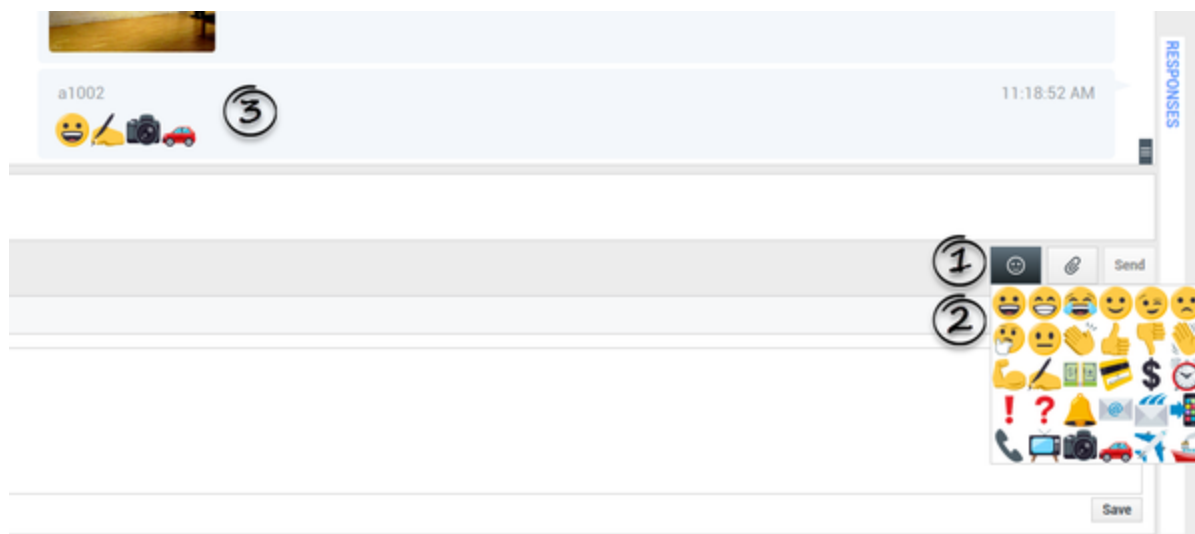
A thumbnail that indicates the attachment type along with the attachment's file name and size is displayed for each incoming attachment.



Emojis

Apple Messages for Business provides a set of emojis that you can use in chat interactions.

1. Click the smiley-face icon to get a selection window.
2. Select an emoji.
3. When you select an emoji, it appears in the message area.



Important

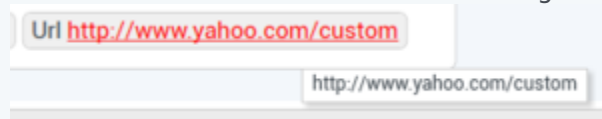
- The emoji offering is determined by the setting of the `applebcsession.emojis-business-attribute` option. If there are no emojis configured or no section specified in **`applebcsession.emojis-business-attribute`** option, the ABC plugin displays a default set of emojis.
- Refer to the "Enabling emojis" section in the [Chat](#) topic of the Workspace Desktop Edition Deployment Guide for information on how to create the business attribute.

Web links


All URL links are shown as hyperlinks in the chat window. Click a link to open it in the system default web browser.

Tip


A tooltip is shown when the mouse cursor hovers on the web links. This helps you to view the full URL when the URL is too long.

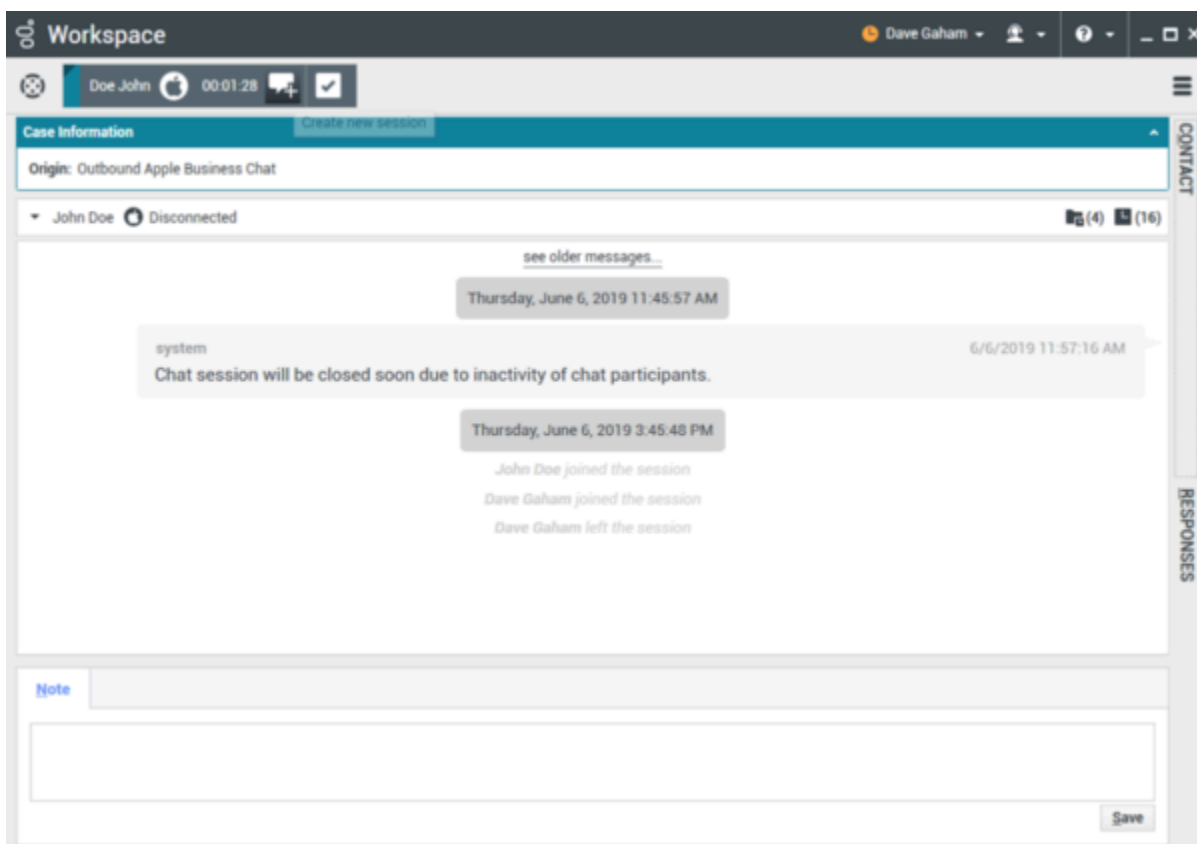


Sending outbound messages

You can initiate a conversation with a past contact using the **My History** view, **Interaction Search** view, or by viewing the history for a particular contact in the **Contact Directory**. Select a past interaction with the contact and click .

The interaction opens and you can use the same functionality as an **inbound interaction** to converse with the contact.

Alternatively, if you have not yet marked an interaction as Done, you can click  in the interaction control bar to create a new outbound session.



Other Workspace Functionality

While you are interacting with your Apple Messages for Business contact, you can use the general Workspace functionality in the Apple Messages for Business Interaction window.

Important

Some of the procedures and tasks below are media-specific, but you can apply the information when working with Apple Messages for Business interactions.

- Use the Note to attach a note to the interaction history. See [Managing Contact History](#).
- View Case Information for the current interaction.
- View and manage contact history. See [Managing Contact History](#)
- View and manage contact information. See [Lesson: Finding and viewing an interaction in the contact database](#).
- Your account might be configured to let you assign an interaction with an unknown contact to a known contact in the contact database by using the [Manual Contact Assignment](#) feature.
- Use the Standard Response Library for pre-written text for replies and comments. Click the vertical **Responses** button, as shown in the [Using The Standard Response Library](#) lesson.
- Cross over into another media channel. If, as an agent, you learn other contact information, such as a contact's phone number or email address, you can manually enter this information on the **Information** tab. The corresponding choice for other media channels is then displayed when you click the **Party Action** menu that is next to the name of the contact. You can then reply by using a voice call, an email, an SMS message, or any other supported media channel for a Apple Messages for Business contact. Workspace displays a drop-down list of available channels to access a contact.
- If you want to transfer the interaction to another internal target or consult with another internal target about the interaction, you can perform the following functions:
 - Instant-transfer the interaction to another internal target. See [Lesson: Starting an instant SMS transfer](#), which is similar to the Apple Messages for Business procedure.
 - Start a consultation with another party:
 - Start an Instant Messaging consultation. See [Lesson: Initiating an Instant Messaging session](#).
 - Start a Voice consultation. See [Starting a Voice Consultation](#).
- You can enable the high contrast theme for Apple Messages for Business.