Abstract

This document describes how to integrate Pureconnect with Genesys Intelligent Automation

For the latest version of this document, see the PureConnect Documentation Library at: http://help.genesys.com/cic.

For copyright and trademark information, see https://help.genesys.com/cic/desktop/copyright_and_trademark_information.htm.
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Introduction to PureConnect Integration with Genesys Intelligent Automation

The PureConnect integration with Genesys Intelligent Automation is a fully tested, secure offering that allows easy integration of chatbots and voice with on-premises and cloud implementations of PureConnect.

Following is a basic chat flow:

1. Website visitor starts a chat.
2. Chat request passes through the cloud to Genesys Intelligent Automation.
3. Genesys Intelligent Automation receives the request and proceeds accordingly.
4. Interaction continues between the website visitor and Intelligent Automation until one of the following occurs:
   - Interaction ends.
   - Website visitor asks to speak to an agent.

If the website visitor asks to speak to an agent, the interaction passes to an agent in Interaction Connect.

Note: The chatbot feature is available beginning with PureConnect 2018 R4 and is only available through Genesys Intelligent Automation currently.
About Genesys Intelligent Automation

Genesys Intelligent Automation installs on-premises or in the cloud to allow businesses to develop personalized bots, microapps, intelligent assistants, IVR applications, and more. It integrates with Genesys Dialog Engine, third-party Natural Language Processing (NLP), Artificial Intelligence (AI), and directed dialog capabilities to drive a better customer experience and reduce costs.

Through a directed dialog or natural language detection, Genesys Intelligent Automation can understand when in the conversation your customer needs to talk to a human. It can then route the conversation to the appropriate agent and carry over the context and history of the conversation so that the agent knows what happened during the bot interaction. Similarly, you can program bots to hand off interactions to human agents at any time. For a demo, see https://www.genesys.com/customer-experience/innovations/google-cloud-contact-center-ai.

Currently, PureConnect supports all features of Genesys Intelligent Automation except the following:
- Conversation Manager
- Multi-modal
- Smart Transfer
- Whisper Transfer

For more information about:
- Genesys Intelligent Automation, see Genesys Intelligent Automation at https://docs.genesys.com/Documentation/GAAP.
Genesys Intelligent Automation Benefits

Genesys Intelligent Automation includes the following benefits:
- Intuitive Control Center for non-technical users to configure self-service dialogs for chatbots.
- Ability to integrate pre-built or custom microapps to reduce deployment effort up to 70% against traditional methods. For more information, see Microapps.
- Leveraging of Genesys Dialog Engine, NLP/AI engine, or third-party NLP tools for complete flexibility.
- Built-in customer journey reporting and single integration layer across the chatbot channel.
- Integration to Genesys Widgets and PureConnect.
- Hybrid deployment to keep your sensitive data on premises while leveraging AI from the cloud.
Interaction Security

Interactions pass securely from your website through a cloud service to Genesys Intelligent Automation on-premises and cloud implementations.

The cloud service uses the following security measures:

- Follows microservices industry standards.
- Uses HTTPS with TLS 1.2 to encrypt and protect all data in transit and at rest.
- Encrypts all data on AWS, whether going through a cache or messaging bus.
- Caches data during current session only; no data retained in the cloud service and nothing stored.
- Uses stateless service.
### Licensed Components

The following table lists the licensed components for Genesys Intelligent Automation. For more information about PureConnect licenses, see the PureConnect Licensing Technical Reference at [https://help.genesys.com/cic/mergedProjects/wh_tr/desktop/pdfs/licensing_tr.pdf](https://help.genesys.com/cic/mergedProjects/wh_tr/desktop/pdfs/licensing_tr.pdf).

**Note:** For voicebots, you select the pricing model and either part 1 or part 2. For chatbots, there is only one pricing model.

<table>
<thead>
<tr>
<th>Component</th>
<th>Part/Description</th>
<th>Sold by</th>
<th>Pre-required Part</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Genesys Intelligent Automation Omnichannel Self Service</strong></td>
<td>Provides a web-based design tool for dialog flows, including reusable microapps for common dialog tasks. It also provides a dynamic runtime environment that generates VoiceXML for interactions over the voice channel. <strong>Note:</strong> This part is included with voicebots and chatbots so the bot pricing covers this part. If you need a Development license, you can purchase this part.</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cloud Voicebot/Chatbot</th>
<th>VoicebotMin-PCC, Voicebot Minutes</th>
<th>Voicebots sold by the minute</th>
<th>VXML Server</th>
</tr>
</thead>
<tbody>
<tr>
<td>VoicebotIntxn-PCC, Voicebot Interactions</td>
<td>Voicebots sold by the interaction (complete bot – customer conversation)</td>
<td>VXML Server</td>
<td></td>
</tr>
<tr>
<td>CS-ChatbotOrch, Chatbot Interactions</td>
<td>Chatbots sold by the interaction (complete bot – customer conversation)</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Premise Voicebot/Chatbot</th>
<th>VoicebotMin-PCP-Sub, Premise (Subscription)</th>
<th>Voicebots sold by the minute</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>VoicebotIntxn-PCP-Sub, Premise (Subscription), Voicebot Interactions</td>
<td>Voicebots sold by the interaction (complete bot – customer conversation)</td>
<td>VXML Server</td>
<td></td>
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<td>CS-ChatbotOrch-SUB, Premise (Subscription), Chatbot Interactions</td>
<td>Chatbots sold by the interaction (complete bot – customer conversation)</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** The cloud service is a subscription model based on the number of bot interactions. A bot interaction, or session, lasts until the customer or agent closes the interaction, or the session times out.
Integrate PureConnect with Genesys Intelligent Automation

Integrating PureConnect with Genesys Intelligent Automation requires several configuration steps in Genesys Intelligent Automation and initial configuration of a widget in Interaction Connect.

Genesys Intelligent Automation chatbot implementation

To implement Genesys Intelligent Automation for chatbots, you add a code snippet to a page in your website to allow bot conversation back and forth to Genesys Intelligent Automation. When the bot conversation finishes, the conversation routes based on the call flow that you configured in Genesys Intelligent Automation. For example, it can route to an agent in Interaction Connect.

Note: This document doesn’t include the steps for installing Genesys Intelligent Automation. For more information about installing Genesys Intelligent Automation, see the Genesys Intelligent Automation Deployment Guide at https://docs.genesys.com/Documentation/GAAP/Current/iaDep/Welcome.

Genesys Intelligent Automation voice integration

To integrate voice with Genesys Intelligent Automation, you create a custom handler that contains a VoiceXML Initiate toolstep. For more information about creating a custom handler, see Create a Custom Handler for Voice Integration. For more information about the VoiceXML Initiate tool, see “VoiceXML Initiate” in the VoiceXML Technical Reference at https://help.genesys.com/cic/mergedProjects/wb_tr/desktop/pdfs/voicexml_tr.pdf.

Create a Company in Genesys Intelligent Automation

Companies are separate entities within your Genesys Intelligent Automation environment that have their own call flows, users, and reporting data. Create a company for the PureConnect with Genesys Intelligent Automation integration.

To create a company in Genesys Intelligent Automation

1. Open Genesys Intelligent Automation in your browser.
2. In the menu bar, click Administration and then click the Companies tab.
3. Click Create a New Company. The Company panel appears.
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Name</td>
<td>Unique name to assign to the company.</td>
</tr>
<tr>
<td>Contact Email Address</td>
<td>General email address for this company. Genesys Intelligent Automation doesn't use this address; however, it can be useful to PureConnect Customer Care.</td>
</tr>
<tr>
<td>Contact Phone Number</td>
<td>General phone number for this company. Genesys Intelligent Automation doesn't use this address; however, it can be useful to PureConnect Customer Care.</td>
</tr>
<tr>
<td>New Company Logo</td>
<td>No file chosen</td>
</tr>
<tr>
<td>Industrys</td>
<td>Automotive, Consumer Electronics, Distribution, Education, Entertainment, Financial Services, Government, Healthcare, Hospitality, Manufacturing, NonProfit, Retail, Technology, Telecommunications, Travel, Utilities</td>
</tr>
</tbody>
</table>

**Company Name**: Unique name to assign to the company.

**Contact Email Address**: General email address for this company. Genesys Intelligent Automation doesn't use this address; however, it can be useful to PureConnect Customer Care.

**Contact Phone Number**: General phone number for this company. Genesys Intelligent Automation doesn't use this address; however, it can be useful to PureConnect Customer Care.
Allowed Phone Numbers: Phone numbers that this company’s call flows can dial. Typically, you select From Rol to Any or From UK to Any. However, you can create your own calling rules on the Phone Numbers tab and select that rule here.

New Company Logo: Company logo to display in the Genesys Intelligent Automation user interface.

Assign to Voice Cluster: Voice cluster for this company to use. Typically, you select Default Voice Cluster.

Assign to Messaging Cluster: Messaging cluster for this company to use. Typically, you select Default Messaging Cluster.

Assign to Integration Cluster: Integration cluster for this company to use. Typically, you select Default Integration Cluster.

Cache Production Modules: If selected, Genesys Intelligent Automation uses cached versions of production modules to serve callers. Genesys recommends that you select this option for consistent performance.

Industries: If selected, this company operates in the associated industry.

4. Complete the information and then click Save. The new company appears on the Companies tab.

For more information about creating a company, see “Administration” in the Genesys Intelligent Automation Help at https://docs.genesys.com/Documentation/GAAP/3.6.0/Help/Administration.

Identify the Company Authentication Key

When you create a company, Genesys Intelligent Automation assigns it a unique authentication key. You specify this key later in the integration setup process when you configure a chatbot widget in Interaction Connect.

To identify the company’s authentication key

1. In the menu bar in Genesys Intelligent Automation, click Administration and then click the Companies tab.

2. In the Actions column, click Edit for the company that you created. The Company panel appears.

3. Copy and save the Authentication Key to a text file and then click Close.

Create an Application or Module
Create an application or module so that you can set up the chatbot flow. Applications and modules can have their own error-handling, global commands, call flow defaults, and reusable prompts.

**To create an application or module**

1. In the menu bar in Genesys Intelligent Automation, click **Applications** and then click the **Advanced Details** tab.

   ![Menu Bar Screenshot](image1)

2. Expand the **Menus** section and then click **Create a New Menu**. The **Create a new Module** panel appears.

   ![Creation Panel Screenshot](image2)

3. Select a template on which to base the module. The template appears.

   ![Template Selection Screenshot](image3)

   **Important!**
   You cannot edit the call flow of the **Tree View Submodule Template**. This template is for large numbers of menu options and doesn't use the drag-and-drop method in the Callflow Editor.
Your New Module Name: Name to assign to this module.
Description: Description of the module. For internal use.
Callflow Editor: Type of call flow editor to use: graphical or tree.

Permission Options
Lock Callflow: If selected, the system places a lock on the call flow while the user is editing it so that no other user can edit and publish changes while locked.
Make Public: If selected, the call flow is available on the public Internet. If cleared, the call flow is available within your customer network only.

Industries to Associate with this Module: If selected, the system associates the industry to this module.

Link # 1 - Call main menu
Please choose...

Complete the information and then click Create. The new module appears in the Menus section of the Advanced Details tab.
5. Copy the site ID. You specify this ID later in the integration setup process when you configure the chatbot widget in Interaction Connect.

For more information about creating an application or module, see “Creating Applications and Modules” in the Genesys Intelligent Automation Help at https://docs.genesys.com/Documentation/GAAP/latest/iaHelp/Creating.

Configure a Chatbot Widget in Interaction Connect

Integrating PureConnect with Genesys Intelligent Automation for chatbots requires a one-time configuration of a chatbot widget in Interaction Connect. Then, you generate a script that contains the Genesys Intelligent Automation connection information and add the script to the appropriate page in your company’s website.


To configure a chatbot widget in Interaction Connect

1. Log on to Interaction Connect and then click the Widgets tab.

2. In the toolbar, click New. The Create a Widget panel appears.
3. In the **Name** box, type a unique name for the widget and then click **Create**. The **General** tab in the **Edit Widget: [widget name]** panel appears.

**IC Server Host Names**: Name or names of your IC server and any off-server Session Managers, separated by a comma.

**Tip**: If your reverse proxy cannot communicate with your IC server without a Fully Qualified Domain Name (FQDN), specify the FQDN in the **IC Server Host Names** box.

**Reverse Proxy URL**: Name or FQDN of the web server functioning as a reverse proxy to the IC server inside your firewall.

**Use PureConnect Cloud**: Indicates whether you are a PureConnect Cloud customer.

**PureConnect Cloud URL**: If you are a PureConnect Cloud customer, your PureConnect Cloud URL.

**Use HTTPS**: Indicates whether to use an HTTPS communication port for communication between the web server and IC server. If set to **Yes**, the system uses HTTPS port number 8019. If set to **No**, the system uses HTTP port number 8018.

**Debug**: Indicates whether to allow debug logging from the bus to appear in the browser console.

**Theme**: Sets the widget’s appearance, such as colors and fonts.

**Fallback Language**: If the widget cannot use any of the browser’s preferred languages, default language to use.

**Internationalization file path** (Developer use only): Path to a remote i18n.json language pack file to override the default English language strings built into the widget.

**Common Stylesheet ID**: HTML ID of a <style> tag that contains CSS overrides, custom themes, or other custom CSS for the widget.
**Download Google Font**: Indicates whether to prevent the Roboto font file from downloading at startup. If you have security concerns regarding third-party fonts, you want to optimize page load time, or you already include Roboto on your website, move the slider to **Yes**.

**Mobile Mode**: Indicates whether to display the widget in mobile mode.

- **True**: Displays the widget in mobile mode on all devices.
- **False**: Displays the widget in desktop mode on all devices.
- **Auto**: Determines whether the website visitor is using a desktop or mobile browser and displays the widget in the corresponding mode.

**Mobile Mode Breakpoint**: Breakpoint width in pixels when displaying the widget in mobile mode.

**Add/Remove Plugins**: Plug-ins for the widget to use instead of the default startup plug-ins. Click in the list box to display the plug-ins that are available for selection. To remove a plug-in, click the corresponding **X**.

**Custom JSON**: Custom JSON object to apply to the widget.

4. Complete at least the required information and then click the **Plugins** tab.

5. Move the **Web Chat** slider to **ON**. The **Web Chat** section expands.
Emoji Enabled: Indicates whether to display the emoji menu inside the chat message input.
Proactive Enabled: Indicates whether to invite a website visitor to chat after a specified number of seconds.
Proactive Idle Timer: Number of seconds to wait after a visitor reaches your webpage before displaying a chat invitation.
Proactive Cancel Timer: Number of seconds for the chat invitation to remain visible.
Chat Button Enabled: Indicates whether to show or hide a chat button on your web page.
Chat Button Open Delay: Number of milliseconds to wait before displaying the chat button.
Chat Button Effect Duration: Number of milliseconds to wait before displaying the chat button fade-in animation.
Chat Button Hide During Invite: Indicates whether to hide the chat button when inviting a website visitor to chat. If set to Yes and the visitor dismisses the chat invitation, the widget displays the chat button.
Target Type: Queue type to use for ACD routing.
Target Name: Name of the queue to use for ACD routing.

6. Complete at least the required information in the Web Chat section.
7. Move the Chatbots slider to ON. The Chatbots section expands.

8. In the Bot Provider Id box, click Genesys Intelligent Automation. More configuration items appear.
Intelligent Automation URL: Genesys Intelligent Automation URL for your Genesys Intelligent Automation server. (The URL is in Genesys Intelligent Automation under Administration > Servers."

Intelligent Automation Site ID: Site ID that Genesys Intelligent Automation generated when you created an application or module in Genesys Intelligent Automation. For more information, see Create an Application or Module."

Intelligent Automation Authorization Key: Authorization key that Genesys Intelligent Automation generated when you created a company in Genesys Intelligent Automation. For more information, see Identify the Company Authentication Key."

Use a Reverse Proxy for Intelligent Automation: Indicates whether to use a reverse proxy for Genesys Intelligent Automation. If Yes, specify the Intelligent Automation Server."

Intelligent Automation Server: If you indicated to use a reverse proxy for Genesys Intelligent Automation, specify the FQDN of the web Genesys Intelligent Automation server. The system uses the Reverse Proxy URL specified on the General tab in the Edit Widget: [widget name] panel to create the end-result URL to access Genesys Intelligent Automation."

Note: If you indicated to use a reverse proxy for Genesys Intelligent Automation, configure the reverse proxy rewrite rules after completing and saving the chatbot widget. For more information, see Configure Reverse Proxy Rewrite Rules."

GIA version 9.0.102+: Indicates whether to use Genesys Intelligent Automation version 9.0.102 or later, or an earlier version."

9. Complete at least the required information in the Chatbots section.

10. To use microapps with this widget, do the following:
   a. Move the WebIVR slider to ON. The WebIVR section expands.
Intelligent Automation Public URL: URL for accessing microapp services for Genesys Intelligent Automation.

Use a Reverse Proxy for MicroApps: Indicates whether to use a reverse proxy for microapp services. If Yes, specify the Intelligent Automation Server.

Intelligent Automation Server: If you indicated to use a reverse proxy for microapp services, specify the FQDN of the web Genesys Intelligent Automation server. The system uses the Reverse Proxy URL specified on the General tab in the Edit Widget: [widget name] panel to create the end-result URL to access Genesys Intelligent Automation.

b. Complete the information in the WebIVR section.

11. Click Save and then do the following:
   a. Click Copy Script. Interaction Connect copies the script to your clipboard.
   b. Close the confirmation dialog box and then paste the script to the appropriate page in your company’s website.

Configure Reverse Proxy Rewrite Rules

If you indicated to use a reverse proxy for Genesys Intelligent Automation in the Chatbots section of the Widgets tab, configure the reverse proxy rewrite rules. If you use the same reverse proxy for CIC Web Applications, place the Genesys Intelligent Automation rewrite rule before the CIC Web Applications rule.

Use the following rewrite rule examples.

Apache

# Make sure the rewrite engine is turned on. Omit this if it’s already set elsewhere.
RewriteEngine On

# TODO: Set the port to the appropriate value after $2 if necessary.
#      If using https, update the URL accordingly.
RewriteRule "^([^/]+)/api/([^/]+)/fish-messaging/(.+)" "http://$2/fish-messaging/$3" [P]

Nginx

## Intelligent Automation Proxying
location ~ *(\^\+(.+)/api/([^/]+)/fish-messaging/(.+)\^) \{ 
  set $iaServer $2;
  set $iaPath $3;
# TODO: Set the port to the appropriate value after $iaServer if necessary.
#      If using https, update the URL accordingly.
  proxy_pass http://$iaServer/fish-messaging/$iaPath;
"

IIS

http://$iaServer/fish-messaging/$iaPath;
IIS inbound rule

For more information about reverse proxy configuration for CIC Web Applications, see the [CIC Web Applications and Configuration Guide](#).

**Set up Chatbot Call Flow**

Set up a call flow for your chatbot that suits your business purposes. Call flows consist of blocks and paths that outline the steps for your application or module to follow during a chat session.

**To set up a chatbot call flow**

1. In the menu bar in Genesys Intelligent Automation, click **Administration** and then click the **Companies** tab.

2. Click the company that you created. The **Dashboard** tab appears.
3. In the menu bar, click Active Modules.

4. In the Menus section, click the application or module that you created. The Callflow Editor tab appears.
5. Create a call flow for your chatbot and save it.
6. Test the call flow and when satisfied, deploy it to production.

For more information about using the Callflow Editor, see "Using the Callflow Editor" in the Genesys Intelligent Automation Help at https://docs.genesys.com/Documentation/GAAP/latest/iaHelp/Callflow.

Create a Custom Handler for Voice Integration

To integrate voice with Genesys Intelligent Automation, create a custom handler that contains a VoiceXML Initiate toolstep.

To create a custom handler for voice integration

1. Create a handler. For more information, see "Create a new handler or subroutine" in the Interaction Designer Help at https://help.genesys.com/cic/mergedProjects/wh_id/desktop/hid_create_a_new_handler.htm.
2. Set the following required parameters in the VoiceXML Initiate tool:
   - **Document URL**: URL to your Genesys Intelligent Automation VUI or VUI load balancer, site (application) ID to run, and whether to run the test or production version of the callflow.
     

     | Interactive_NR9_Vocalizer5.jsp | PureConnect for Automated Speech Recognition and Text To Speech. |
     | testsitewithid=620 | Site (application ID to run within Genesys Intelligent Automation. The URL is in Genesys Intelligent Automation under Administration > Servers. |
     | istestcall=false | If false, runs the callflow version deployed to production in Genesys Intelligent Automation. If true, runs the callflow version copied to the test number in Genesys Intelligent Automation. |

   - **Argument Names**: List of argument names that contain the following strings, in this order:
     - InteractionID
     - ANI
     - DNIS

     **Tip**: The easiest way to create the argument is with a Parse String step. For more information, see "Parse String" in the Interaction Designer Help at https://help.genesys.com/cic/mergedprojects/wh_id/desktop/hid_parse_string.htm.

   - **Argument Values**: List of values that correspond to the arguments specified in the Argument Names parameter, in the following order:
     - Interaction ID of the call (For more information, see "Convert Call ID to String" in the Interaction Designer Help at https://help.genesys.com/cic/mergedprojects/wh_id/desktop/hid_convert_call_id_to_string.htm.)
     - ANI of the call
     - DNIS of the call
Notes:

- You can retrieve the ANI and DNIS from Interaction attributes "Eic_RemoteAddress" and "EIC_LocalAddress" with the Get Attribute steps. For more information, see "Get Attribute" in the Interaction Designer Help at https://help.genesys.com/cic/mergedprojects/wh_id/desktop/hid_get_attribute.htm.
- For more information about the VoiceXML Initiate tool, see "VoiceXML Initiate" in the following:

Sample handler flow
Microapps

Genesys Intelligent Automation offers a range of pre-built, configurable microapps designed to meet self-service needs across a range of industries. Microapps accomplish specific tasks, such as looking up a customer’s account balance, and deploy using Genesys Intelligent Automation. You can combine microapps to create fully personalized AI to drive dialogues in a chat session for a seamless customer and agent experience.


**Note:** The PureConnect integration with Genesys Intelligent Automation doesn't support all microapps listed in the catalog, only the ones that appear in the Business Processes section in Genesys Intelligent Automation.

To view the list of available microapps

1. In the menu bar in Genesys Intelligent Automation, click Applications and then click the Advanced Details tab.

2. Expand the Business Processes section. This section displays the available microapps and their associated templates.

Microapp Templates

Genesys Intelligent Automation provides templates for faster and easier implementation of microapps. Each template has default behavior settings that you can configure and a pre-defined call flow that you can modify.

Template settings example

This example shows the default settings for the Balance Enquiry template.

Template call flow example

This example shows the default call flow for the Balance Enquiry template.
Create a Custom Widget Extension

To pass custom data to a microapp, create a custom widget extension.

Template

Following is a template for creating a custom widget extension.

```javascript
window._genesys.widgets.bus.command('App.registerExtension', { name: 'NAME', extension: function($, CxBus, Common) {
    'use strict';

    var service = CxBus.registerPlugin('PLUGINNAME');
    if (!service) {
        return;
    }

    service.registerEvents([{
        'EVENTNAME'
    }]);

    service.registerCommand('MYCOMMAND', function(e) {
        // TODO
    });

    service.subscribe('App.ready', function(e) {
        // TODO
    });

    service.republish('ready');
});
```

Example

Following is an example of a custom widget extension that passes a customer ID and product ID to the microapp.

```javascript
// Create a custom extension
window._genesys.widgets.bus.command('App.registerExtension', { name: 'cx-speechstorm2', extension: function($, CxBus, Common) {
    'use strict';

    // Register your plugin
    var service = CxBus.registerPlugin('speechstorm2');

    // Subscribe to a specific event on the CxBus
    service.subscribe('App.ready', function(e) {

        var customData = {
            customerId: '1145728',
            productId: 777
        };

        // When the MicroApp is opened, any custom data assigned with this command will be sent to the microApp as parameters.
        // This command will also assign the customData object to window._genesys.widgets.speechstorm.customData
        service.command('WebChatService.setSpeechstormCustomData', customData);
    });
});
```
Custom Extension Process Flow

The following diagram shows the process flow for custom extensions.

Test Microapp with Chat Widget

Use the following instructions to test the microapp with a chat widget.

1. When your chat widget loads, run the following command from the developer console in the browser that is hosting widgets:
   ```javascript
   window._genesys.widgets.bus.command('WebChatService.setSpeechStormCustomData', { customerId: 3457896, productId: 5469871 });
   ```
2. Start a chat and ask to speak to an agent to avoid the bot interaction.
3. After the agent connects, in Interaction Connect, paste `microapp://app/nGuejrc-` into the chat and press Enter.
4. When the microapp appears, verify that your test customer ID and product ID appear.

Alternatively, you can skip the first step and have the agent send the following microapp parameters in the message to the customer:
- `microapp://app/nGuejrc-`
- `customerId=3457896`
- `productId=5469871`
## Change Log

The following table lists the changes to the PureConnect Integration with Genesys Intelligent Automation Technical Reference since its initial release.

<table>
<thead>
<tr>
<th>Date</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>04-October-2018</td>
<td>First publication</td>
</tr>
<tr>
<td>29-March-2019</td>
<td>Updated the voicebot and chatbot part numbers in &quot;Licensed Components.&quot;</td>
</tr>
<tr>
<td>7-May-2019</td>
<td>Updated the configuration steps in &quot;Configure a Chatbot Widget in Interaction Connect.&quot;</td>
</tr>
</tbody>
</table>