



# Release Notes

## Guided Work Solutions VoiceLink Plug-In 1.0

June 4 2025

These release notes cover the 1.0 release of the Guided Work Solutions (GWS) VoiceLink Plug-In.

## New Features in this Release

### Selection Process

This release focuses on implementing the Selection process, supporting several different types of picking, such as:

- Picking multiple assignments at once (Batch picking)
- Picking assignments using case label check digits
- Picking to containers

Please refer to the VoiceLink Selection Product Description document to get more information about this process.

### Project Templates for Customizations

New .NET templates are provided for developers to start working on new customization projects. By installing the templates using the 'dotnet new install' command line new templates are both available from the dotnet cli and from Visual Studio 2022. Please refer to the *Guided Work Solutions VoiceLink Plug-In Developer Guide* for more information about installation and usage.

## Behavior Changes and Limitations

This new implementation contains some behavior changes and minor limitations compared with the existing VoiceArtisan implementation.

### Lot Capture

After the user provides lot number for partial quantity, user is redirected to provide next lot number instead of pick prompt. The user can trigger 'Quantity' command to find out the remaining quantity.

## Repick Skips

Asking to repick skips is not allowed after location and pick quantity confirmed. Whenever a user confirms picking any quantity from current location, the user must end pick cycle (lot capture, put process, weight or serial capture) before going to another location.

## Pass Assignment

Asking to pass the assignment is not allowed after location and pick quantity confirmed. Whenever a user confirms picking any quantity from current location, the user must end pick cycle (lot capture, put process, weight or serial capture) before going to another location.

## Redirection System Limitations

When executing consecutive redirections between states, if a voice command is triggered that performs Module redirection it will return to last executed state of previous Module. This may cause data inconsistency or application failure.

To avoid this, a limitation is introduced in the Redirection system that throws an exception if any Step that requires user input is added to the *NextSteps* collection, for example:

- Message
- StringValue
- IntegerValue
- FloatValue
- Date
- Ask

A workaround is to use *SetNextState* to set the next state instead of redirecting to that State. When redirecting to the previous module, please create a new State that just performs that redirection and configure it as the next state.

### NOTE

Using 'SetNextState' is required only when redirecting to non-consecutive states. Consecutive states are executed in order by default.

## Short Product

'Short product' command can only be used to short with quantity 0.

A workaround is to activate 'Partial' command to pick available quantity and then activate 'Short product' to short the remaining quantity.

#### NOTE

When working with batched assignments 'Partial' command is only available at put prompt.

## New Container

After a partial put is performed, the new container is not opened automatically.

A workaround is to activate 'New Container' command after performing a partial put, when asked to put remaining quantity.

## Host Server Response with Default Values

When the host server returns a default response as empty response, a single instance with partially empty properties is added to the response array. This causes default '.Any()' check to fail detecting an empty response. A workaround is to add additional conditions to host server response check to ensure that required fields are filled properly.

## Components in this Release

### GWS VoiceLink Plug-In 1.0

The Guided Work Solutions (GWS) VoiceLink Plug-In contains a customizable VoiceLink workflow developed for running on top of the GWS Connector. It allows integration with VoiceLink Host systems by using different transport.

## Supported Environments

Environment	Description
GWS Service	2.2 and later
GWSApp	3.5 and later
Execution models	<ul style="list-style-type: none"><li>• Embedded</li><li>• Service</li></ul>
DevicesandVoiceSoftware	All devices supported by Honeywell DevKit

Environment	Description
Languages	<ul style="list-style-type: none"> <li>• English (U.S.)</li> <li>• German</li> <li>• French</li> <li>• French (Canada)</li> <li>• Spanish</li> <li>• Spanish (Mexico)</li> <li>• Portuguese</li> <li>• Portuguese (Brazil)</li> <li>• Dutch</li> </ul>

## Deliverable Contents

This version includes the following contents:

### Documentation

- **Guided Work Solutions VoiceLink Plug-In Product Description:** This document describes the basic functions of the VoiceLink Plug-In.
- **Guided Work Solutions VoiceLink Plug-In Developer Guide:** This document contains the installation and development instructions to use and customize VoiceLink Plug-In.

### Components

- **GWS VoiceLink Plug-In:** The software distribution contains the VoiceLink Plug-In files and the required resource files.
  - Honeywell.GWS.Connector.VoiceLink.1.0.0.nupkg
  - Honeywell.GWS.Connector.VoiceLink.VoiceLinkModules.1.0.0.nupkg
  - Honeywell.GWS.Connector.VoiceLink.Shared.1.0.0.nupkg
  - Localization resources for dialog translations
  - GWExternalResources for additional vocabulary configuration

In addition to previously mentioned files, the following packages will be required for VoiceLink Plug-in development:

- Honeywell.GWS.Connector.VoiceSteps v1.4.5 or higher
- Honeywell.GWS.Connector.Insights v1.1.0 or higher
- Honeywell.GWS.ConnectorInsights.Core v1.1.0 or higher
- Honeywell.GWS.Connector.SDK v2.3.5 or higher
- Honeywell.VIO.SDK 3.3.3 or higher
- Honeywell.GuidedWork.AppBase.Abstractions v1.15.3 or higher

Please refer to the *Guided Work Solutions VoiceLink Plug-In Developer Guide* document for further information about installation and configuration.

## General Considerations and Limitations

### Issues Reported with this Release

Issue Description	Issue ID
<b>Get Pick LUT Location ID</b> In the plug-in the Get Picks Location ID field is set as numeric rather than string.	VGWSC-4984
<b>ODR and LUT Ports</b> The plug-in does not provide the option to set different ports for ODR and LUT as VoiceArtisan does.	VGWSC-4983
<b>Blank Line After LUT</b> The plug-in does not provide the option to send a blank line after every LUT as VoiceArtisan does.	VGWSC-4982
<b>Confirmation Prompt After Close Container</b> When multiple open containers are allowed, and the user says 'Close Container' the system responds with 'Close container, correct?'. The container should be closed without this prompt occurring.	VGWSC-4313
<b>Ready Prompt After Invalid Container ID</b> When multiple open containers are allowed, and the user says 'Close Container' and is prompted for Container ID and an invalid ID is spoken, the system responds '<id> invalid, try again' then waits for the user to respond with 'ready' instead of re-prompting for the container ID.	VGWSC-4312

Issue Description	Issue ID
<p><b>Repick Skips Not Allowed</b></p> <p>If a user says 'Repick Skips' after the Put prompt, the system says 'Repick skips not allowed' even though it is allowed in the region.</p>	VGWSC-4230
<p><b>Extra Prompt in Shorting Dialog</b></p> <p>When no quantity verification is implemented for Single Prompt, a confirmation 'Short product, correct' message is played that is not present when using a VoiceArtisan app.</p>	VGWSC-4198
<p><b>Reprint Labels Confirmation</b></p> <p>In a region with print labels set to do not print, when an operator speaks 'Reprint labels' the system responds 'Reprint labels, correct' rather than 'Reprint labels not allowed'.</p>	VGWSC-4194
<p><b>Assignment Not Passed</b></p> <p>When an assignment is began and at least one item is skipped, when the user says 'Pass Assignment' and confirms, the system directs the operator back to the skipped items. Instead of only directing the user to pick the skipped items the system only passes the assignment when all remaining items are picked, including the ones that were not skipped.</p>	VGWSC-4185
<p><b>A700x Does Not Power Down</b></p> <p>When using this plug-in with the GWS App, the A700x goes into sleep mode after five minutes as it should. However neither the A700x or the connected SRX3 headset powers off. With a VoiceArtisan app, the A700x would power down after thirty minutes.</p>	VGWSC-4179
<p><b>Incorrect Parameter</b></p> <p>The sample config file provided with the plug-in has this parameter listed within ConnectorRest, ConnectorTcp, ConnectorDemo elements:</p> <pre data-bbox="115 1518 1222 1631">&lt;add name="VoiceLink:Timeout" value="20" /&gt;</pre> <p>But it should be VoiceLink:RequestTimeout:</p> <pre data-bbox="115 1688 1222 1801">&lt;add name="VoiceLink:RequestTimeout" value="20" /&gt;</pre>	VGWSC-4177

Issue Description	Issue ID
<b>Extra Commands</b> <p>Compared to VoiceArtisan, there are additional commands at a 'Pick in reverse order?' prompt when 'Talkman Help' is spoken. 'Yes', 'No', and 'Say Again' are the only valid options, but the Plug-In adds 'Change Region' and 'Change Function' and those commands are not useable.</p>	VGWSC-4168
<b>Pass Assignment Not Blocked</b> <p>When partial is used to pick less than the prompted units the plug-in prompted for the remaining units, but allowed the user to speak 'pass assignment'. This action should be blocked, but instead updates the partial status to shorted on the host.</p>	VGWSC-4164
<b>Repick Skips Missing Location Directions</b> <p>When using Repick Skips command, the expected location directions to get back to the skipped slot are not always being spoken.</p>	VGWSC-4151
<b>'Review Cluster' Command</b> <p>The VoiceArtisan app confirms the 'Review Cluster' command before execution. The plug-in does not confirm.</p>	VGWSC-4149
<b>'Review Complete' Command</b> <p>The VoiceArtisan app speaks 'Review Complete' before returning to the workflow. The plug-in does not.</p>	VGWSC-4146
<b>Wrong Container ID Spoken</b> <p>The VoiceArtisan app responds to the 'Review Contents command with:  'Review contents for container &lt;spoken container verification&gt;?'.  The plug-in responds with:  'Review contents for container &lt;internal database ID&gt;?'.  This ID is not known to the user.</p>	VGWSC-4145
<b>Pre-Create Containers Prompt</b> <p>The plug-in should prompt 'Number of label for ID &lt;assignment number&gt;?' when the operator is getting container information. The plug-in instead omits this prompt and only opens one container at the start of the assignment.</p>	VGWSC-4133

Issue Description	Issue ID
<p><b>Blocked From Completing Pick</b></p> <p>When batching is used with no container tracking, the VoiceArtisan app speaks multiple pick lines at the same location and includes the assignment number with the location and pick prompts, for example placing pick 1 on one side of a pallet and pick 2 on the other side. The plug-in speaks the assignment number with the location and pick prompts but gives the summed quantity instead of the individual quantities and the plug-in uses the 'put &lt;quantity&gt; in &lt;position&gt;' prompt but since there are no containers the user cannot provide a valid response.</p>	VGWSC-4114
<p><b>Multiple Matching Word IDs</b></p> <p>On A700x when a spoken partial Word ID has multiple matches the user must first speak 'Options' to hear the Work ID items and after responding 'yes' to one must confirm the selection. The options and confirmation prompts are not used on Android.</p>	VGWSC-4079
<p><b>Batch Work Allows Store and Route Number</b></p> <p>The plug-in allows the user to ask 'store number' or 'route number' while performing a batch assignment. The plug-in should respond '&lt;command&gt; not available' but instead responds values provided in the batch of work.</p>	VGWSC-4058
<p><b>Totals Incorrect After Partial Pick</b></p> <p>After a partial pick requesting 'how much more' the plug-in responds incorrectly:</p> <ul style="list-style-type: none"> <li>• Total quantity excludes the remnant for the partial pick.</li> <li>• Total lines excludes the partial line.</li> </ul>	VGWSC-4057
<p><b>Missing Localization Entry Causes Sign Off</b></p> <p>When a custom voice command ios added to the plug-in without a corresponding entry in the resx file, there is a missing localization error displayed on the screen. After the error, sign off. The sign off is not being confirmed and is not written in the log.</p>	VGWSC-4034
<p><b>Error Handling</b></p> <p>The plug-in may not provide meaningful error messages and it may be necessary to review the logs to determine the error. An example would be failing to push a requires resource file to the device.</p>	VGWSC-4031



Issue Description	Issue ID
<p><b>Error When Parsing Assignments with Commas</b></p> <p>Parsing custom Assignment summary received on 'GetAssignment' request that has commas (i.e "Work ID 10119703,,,Say Ready ") results in application failure. Affects Embedded and Service; A700x and Android</p> <p>Workaround: Do not use commas in custom prompts.</p>	VGWSC-4021
<p><b>Lag In Log Transmissions</b></p> <p>Lag in device log transmissions from A700x to VoiceConsole. Affects Embedded and Service; A700x.</p>	VGWSC-4007
<p><b>Available Commands</b></p> <p>Extra commands available when not required. Affects Embedded and Service; A700x and Android.</p>	VGWSC-4000 VGWSC-4001
<p><b>Partial Quantity Not Prompting Remaining Quantity</b></p> <p>After the user provides the lot number for partial quantity, the user is asked for the next lot number instead of going back to pick prompt. Affects Embedded and Service; A700x and Android.</p> <p><b>Workaround:</b> Use 'Quantity' command to get the remaining quantity for lot capture.</p>	VGWSC-3970
<p><b>User Not Sent Back for Skips and Shorts</b></p> <p>Skipping a pick in Skips and Shorts pass that was shorted in Normal or Base pass marks the pick as shorted in host server and is never asked to be repicked again. Affects Embedded and Service; A700x and Android.</p>	VGWSC-3968
<p><b>Invalid Lot Number</b></p> <p>When an invalid lot number is repeated the plug-in is not reporting an automatic short with zero picked.</p>	VGWSC-3962
<p><b>Pick Not Shorted</b></p> <p>Pick is not shorted automatically after 3 failed lot capture attempts with same invalid lot number. Affects Embedded and Service; A700x and Android.</p>	VGWSC-3962

Issue Description	Issue ID
<b>Partial Pick Incorrectly Indicated</b> Rejecting 'Partial' sends a 'Picked' request with quantity of 0 to host server. After that the user is asked for all remaining quantity and can still perform complete pick. Affects Embedded and Service; A700x and Android.	VGWSC-3955
<b>Zero Quantity</b> Picking quantity of 0 is not prevented at single pick prompt, when partial pick is performed. Affects Embedded and Service; A700x and Android.	VGWSC-3952
<b>All Items Recorded to Same Container</b> New container flow is not executed automatically after partial put is performed. Affects Embedded and Service; A700x and Android. <b>Workaround:</b> When returned to the prompt where partial was requested, the operator can manually speak 'new container' to initiate the dialog.	VGWSC-3951
<b>More Than Two Decimals Allowed</b> Weight entry allows more than two decimals. Affects Embedded and Service; A700x and Android.	VGWSC-3947
<b>Assignment ID Spoken as Natural Number</b> Large numbers are spoken as natural numbers instead of digits. Affects Embedded and Service; Android.	VGWSC-3941
<b>Password Accepts Letters</b> An alpha-numeric password is expected, which may degrade recognizer performance and lead to invalid data being sent to host server. Affects Embedded and Service; A700x and Android.	VGWSC-3940
<b>Break Not Allowed</b> When no break types configured, 'Take A Break' command prompts user with "Breaks not allowed, to continue say ready" message but does not wait for confirmation before return. Affects Embedded and Service; A700x and Android.	VGWSC-3938
<b>GWS App Loses Connection to Service</b> When connecting Honeywell GWS Service, the next connection attempt loops indefinitely instead of getting timeout. Affects Service; A700x and Android.	VGWSC-3932

Issue Description	Issue ID
<b>Do Not Print</b> The profile specifies Do Not Print, but there are prompts from the print routine.	VGWSC-3927
<b>Keys Not Displayed Per Selection Order</b> When a user selects menu items in a specific order, the corresponding keys for those values may not be displayed in the same order.	VGWSC-3497
<b>Region Numbers Not Recognized</b> Four digit region numbers may be truncated to three digits. <b>Workaround:</b> Speak 'Options' and use yes or no responses to select the desired option, or speak the region name (if using Pick Up & Go recognizer) .	VGWSC-1217
<b>TLS 1.3 Not Supported</b> When the VoiceLink Tomcat connector is configured to allow only TLS 1.3, the REST connector service does not successfully connect when ran in service mode.	VGWSC- 4379

# Getting Help

## Additional Documentation

Additional documentation may be found in your product package and on online partner portals.

Find most Honeywell Voice technical documentation at [help.honeywellaidc.com](http://help.honeywellaidc.com).

## Honeywell Voice Reseller Services

If you purchased equipment or services through a Honeywell Voice reseller, please contact your reseller first for support or to purchase a support plan.

## Honeywell Voice Technical Support

Submit incidents or questions to [honeywell.custhelp.com](http://honeywell.custhelp.com) or contact Honeywell Technical Support Center:

### Americas

Email: [VoiceTechnicalSupport@Honeywell.com](mailto:VoiceTechnicalSupport@Honeywell.com)

Phone: +1(866) 862-7877

- **Europe, Middle East, Africa**

Email: [VoiceTechnicalSupport@Honeywell.com](mailto:VoiceTechnicalSupport@Honeywell.com)

Phone: +44 (0) 1344-65-6123

- **Rest of World**

Email: [VoiceTechnicalSupport@Honeywell.com](mailto:VoiceTechnicalSupport@Honeywell.com)

Phone: +1 (412) 376-9384

To report support incidents or ask technical questions for other Honeywell devices, visit [honeywell.com/PSstechnicalsupport](http://honeywell.com/PSstechnicalsupport).

## Honeywell Voice Customer Service

For order placement or customer service inquiries:

- **North America, Latin America**

Email: [VoiceCustomerServiceAmericas@Honeywell.com](mailto:VoiceCustomerServiceAmericas@Honeywell.com)

Phone: +1(866)862-6553

- **Europe, Middle East, Africa, Turkey**

Email: [voicecustomerserviceEMEA@honeywell.com](mailto:voicecustomerserviceEMEA@honeywell.com)

Phone: +44 (0) 1698-915777

- **Japan**

Email: [csjapan.pss@honeywell.com](mailto:csjapan.pss@honeywell.com)

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Phone: + 55 35 36299000
- **Asia Pacific**  
Email: [VoiceCustomerServiceAPAC@honeywell.com](mailto:VoiceCustomerServiceAPAC@honeywell.com)  
Phone: +44 16989 15777

## Honeywell Voice Hardware Repair

For returns or to check the status of a Return Material Authorization (RMA) for Voice hardware products:

- **Americas**  
Email: [VoiceRMA@Honeywell.com](mailto:VoiceRMA@Honeywell.com)  
Phone: +1 (866) 417-6988
- **Europe, Middle East, Africa**  
Email: [VoiceEMEARMA@honeywell.com](mailto:VoiceEMEARMA@honeywell.com)  
Phone: +1 (866) 417-6988
- **Rest of World**  
Email: [VoiceRMA@Honeywell.com](mailto:VoiceRMA@Honeywell.com)

For returns or to check the status of an RMA for other Honeywell hardware products, visit the SPS RMA portal: [sps-support.honeywell.com/s/pss/pss-rma](https://sps-support.honeywell.com/s/pss/pss-rma)

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For patent information refer to [hsmpats.com](http://hsmpats.com)