Honeywell

Release Notes
Guided Work Solutions App 3.5

January 2 2025

These release notes cover the 3.5 release of the Guided Work Solutions (GWS) App.

New Features in this Release

Create User Interfaces

A new *setDisplay* instruction has been added to the Honeywell VIO SDK that allows you to configure complex user interfaces when running on Android devices. Refer to the *Guided Work Solutions Connector Developer Guide* to learn more about this new feature.

Additional Hints

The *getDigits*, *getFloat* and *getString* instructions include an optional parameter *additionalHints* that allows users with experience in hints to provide multiple values that can be sent to the voice recognition engine to help get better results. Refer to the *Guided Work Solutions Connector Developer Guide* to learn more about important considerations about this new parameter.

Hints

Hints are added for GetDigit, GetString, and GetFloat instructions. Refer to the *Guided Work Solutions Connector Developer Guide* for details.

Template Retraining

The ToolVad utility has been modified so that A700x vads can specify the VCOMMANDS to retrain instead of retraining all 99 VOCOMMANDS. Refer to the *GWS Connector ToolVad User Guide* for details.

GWS Insights

GWS Insights is upgraded to 1.1.

The GWS Insights library has been detached from GWS App to allow plug-ins to use newer versions of the library without requiring application updates.

> **IMPORTANT**
> This sets a breaking change for any plug-in which implements GWS Insights.

Multiple improvements have been made in GWS Insights to provide more information about how the system is performing. This includes:

- Events can now include information in their Data property shaped as Dictionaries. Implementations examples can be seen in the *Travel* Standard Workflow Event with its new *LocationBreakdown* property.

- Behavior methods in plug-ins are now tracked when running in Embedded Mode, providing execution time for your integrations. A new setting has been added to enable this feature.

- A new *Request* Built-in Event has been added to better reflect when a new VIO request is performed, regardless of the transport (TCP / Method call).

- Information provided by the *Instruction* Pattern and *Data Pattern* Built-in Events is now included in the *VIO Request* Event.

- New settings have been added to the Insights configuration repository to allow export information to Honeywell Forge Performance+ when creating a Task Package in VoiceConsole, avoiding the parameter value limitation existing in VoiceConsole. The previous options are still valid.

- Site information is included now at every event. The name for the attribute has changed to *insights.site.name*.

Refer to the *Guided Work Solutions Connector Developer Guide* for more information about new properties in the GWS Insights library and new Insights related settings for the GWS App.

Security Changes for HTTP Connections

The GWS App now allows performing nonsecure HTTP connections to endpoints in different uses:

- Integrations that rely on HTTP connections

- Images loaded in different instructions

- Exporting Insights information to other services.

> **NOTE**
> This limitation only occurred when running on Android devices. Honeywell recommends communications to be performed using secure connections when targeting outside the customer environment.

Security Changes for HTTPS Connections

A behavior change has been introduced in the GWS App for Android devices to allow trust in security certificates issued by private Certificate Authorities (CAs) installed on the device in the User Certificate Store.

Performance Improvements

Performance improvements have been made in the Android build configuration to match best practices from Microsoft.

Honeywell DevKit

This release is based on DevKit 1.15.2 which includes the following features and fixes:

- The Phonetic Substitution list order was updated. When creating a Task Package in VoiceConsole, the list displayed was by ordered with the longer phrases first and then the rest. The reverse ordering was removed.
- Fixed a bug that caused a crash in a Talkman A700x application when a race condition occurred when processing messages.
- Fixed the issue of unable to write decimal number using virtual keyboard in Android.

Honeywell VIO SDK

This release is based on Honeywell VIO SDK 3.3.2. This includes support for the new VIO features mentioned.

GWS Connector SDK

This release is based on GWS Connector SDK 2.3. This includes support for the features mentioned.

Issues Fixed in This Release

Fixes are included for the following issues:

- Insights TCP events handled incorrectly.
- Generic Integration Accelerator Plug-In prevented switching the Integration Type in Talkman Embedded Mode.
- VCOMMAND template retraining bug.
- Naming mismatches with Licensing Features.

Components in this Release

GWS App 3.5

The Guided Work Solution (GWS) App is the universal app for all supported devices. This app is built on Honeywell DevKit, using the features and functions of that platform. This app can be used across different workflows, host systems, and customers.

This app can embed a Plug-In or connect to the Connector Service to execute workflows dynamically.

Supported Environments

Environment	Description
Devices and Voice Software	All devices supported by Honeywell DevKit See www.help.honeywellaidc.com/Devices.html
Supported Plug-Ins	Any Plug-In of the following version or later is supported. • GWS Connector Picking Plug-In 1.3 • GWS Connector Checklist Plug-In 1.3 • GWS Connector VoiceDirect ERP Plug-In 3.3 • GWS Connector Scraping Plug-In 1.2 • Custom Plug-Ins developed with the Project Template or the Generic Plug-In Template VoiceCatalyst 4.7 or later is required for the A700x.

Upgrading Plug-Ins for GWS Connector SDK 2.3

Plug-Ins developed with GWS Connector SDK 2.1 or earlier for GWS App 3.4 or earlier must be upgraded to GWS Connector SDK 2.3 to be used with GWS App 3.5. If the plug-ins were using GWS Insights 1.0 they must be upgraded to GWS Insights 1.1.

Refer to the *Guided Work Solutions Connector Developer Guide* for detailed information about upgrading existing plug-ins.

Deliverable Contents

This release includes the following:

Documentation

- **Guided Work Solutions Connector Online Help**: Unzip the GWSConnectorOnlineHelp.zip file to view this help system. This help system details important considerations when implementing the GWS App. It details differences when configuring the app for Android and Talkman devices.
- **Guided Work Solutions Connector Picking Workflow Plug-In Product Description**: This document describes the basic functions of the Picking Workflow Plug-In.
- **Guided Work Solutions Connector Checklist Workflow Plug-In Product Description**: This document contains the information related to this specific plug-in included in this release. The Checklist Plug-In can be used to integrate Honeywell Voice with several Host Systems.
- **Guided Work Solutions Connector VoiceDirect ERP Plug-In Product Description**: This document contains information on the GWS Connector VoiceDirect ERP Plug-In included in this release. The plug-in can be used to integrate Honeywell Voice with SAP EWM/WM modules via webpages served by the ITS server.
- **Guided Work Solutions Connector Generic Integration Accelerator Product Description**: This document contains information about the Generic Integration Accelerator (GIA), which can be used with any kind of voice workflow and is integrated using the available transports without any coding needed.
- **Guided Work Solutions Connector Generic Integration Accelerator Developer Guide**: This document provides guidelines for developing new plug-ins using the Generic Integration Accelerator.
- **Guided Work Solutions Connector Developer Guide**: This document contains detailed information about GWS Connector concepts and development including using the Plug-In Project Template.

GWS App

The GWS App folder contains:
- The Android application bundle (APK)
- The VAD file for installation on Talkman devices
- Required resource files for further customization.

Please refer to the online help for installation and configuration details.

General Considerations and Limitations

Issues Reported in Earlier Releases

The following issues were reported in previous releases of GWS App and may still occur in this release.

Issue Description	Issue ID
Translating VCOMMANDs for A700x Translations for VCOMMANDs set in the external regex file are not recognized when the regex file is pushed into the vad using ToolVad. **Workaround**: Configure the Task Package in VoiceConsole before sending the task to the A700x. Use the Phonetic Substitutions tab to set the translated values.	VGWSC-1315
Missing Translation Some words such as "battery status" and "description" are always displayed and asked in English when using the A700x. **Workaround**: Even though the English word is displayed, the user can train the word (using BlueStreak or PnG training) in their native language. This way the word is recognized when they speak it in their language.	VGWSC-477

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.

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 or contact Honeywell Technical Support Center:

Americas
Email: VoiceTechnicalSupport@Honeywell.com
Phone: +1(866) 862-7877

- **Europe, Middle East, Africa**
  Email: VoiceTechnicalSupport@Honeywell.com
  Phone: +44 (0) 1344-65-6123

- **Rest of World**
  Email: VoiceTechnicalSupport@Honeywell.com
  Phone: +1 (412) 376-9384

To report support incidents or ask technical questions for other Honeywell devices, visit honeywell.com/PSStechnicalsupport.

Honeywell Voice Customer Service

For order placement or customer service inquiries:

- **North America, Latin America**
  Email: VoiceCustomerServiceAmericas@Honeywell.com
  Phone: +1(866)862-6553

- **Europe, Middle East, Africa, Turkey**
  Email: voicecustomerserviceEMEA@honeywell.com
  Phone: +44 (0) 1698-915777

- **Japan**
  Email: csjapan.pss@honeywell.com

Phone: +81-3-6730-7344

- **Brazil**
  Email: ACSHSMCentraldepedidos@honeywell.com
  Phone: + 55 35 36299000

- **Asia Pacific**
  Email: 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
  Phone: +1 (866) 417-6988

- **Europe, Middle East, Africa**
  Email: VoiceEMEARMA@honeywell.com
  Phone: +1 (866) 417-6988

- **Rest of World**
  Email: 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

Disclaimer

Honeywell International Inc. ("HII") reserves the right to make changes in specifications and other information contained in this document without prior notice, and the reader should in all cases consult HII to determine whether any such changes have been made. HII makes no representation or warranties regarding the information provided in this publication.

HII shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from the furnishing, performance, or use of this material.

This document contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be photocopied, reproduced, or translated into another language without the prior written consent of HII.

©2025 Honeywell International Inc. All rights reserved.

Google, Android, Chrome, and other marks are trademarks of Google LLC.

Microsoft, Microsoft Edge, Windows, and the Windows logo are registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc.

Apple, iPad, and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries and regions. IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

SAP, R/3, ABAP, SAP NetWeaver, Duet, PartnerEdge, ByDesign, SAP Business ByDesign are trademarks or registered trademarks of SAP AG.

Other product names or marks mentioned in this document may be trademarks or registered trademarks of other companies and are the property of their respective owners.

Web Address: automation.honeywell.com

Patents

For patent information refer to hsmpats.com