



Release Notes

Honeywell Development Kit 3.1

October 1 2026

Verifying Download Files

The release files for Honeywell Development Kit (DevKit) 3.1 are zip files signed with a certificate. This allows a user to verify the files they download have not been modified. After downloading the files, use the process below to verify authenticity before unzipping the files.

1. Java JDK (version 1.8 or newer) must be installed.
2. Execute the jarsigner executable against the file to verify. Example:
`jarsigner -verify Honeywell-DevKit-3.1-signed.zip`

Code Changes

Changes to code, including breaking API changes, can be found in the CHANGELOG.md file in the devkit directory, included in the DevKit zip file. Some of these changes are also included later in this document.

Upgrading from DevKit 1.15 and Earlier

IMPORTANT

If using DevKit 1.15 or earlier do not upgrade to DevKit 3.1 as it can cause a crash. Instead wait for the DevKit 3.2 release before upgrading.

New Features in Honeywell DevKit

.NET 10 Support

Android and iOS Devices

Framework management is consolidated into *Directory.Build.props*. This upgrades targets from net9.0-android / net9.0-ios to net10.0-android / net10.0-ios. Make the following changes in your *Directory.Build.props* in your existing app and update the associated NuGet packages:

- `$(ArtisanTFMs)` is now `net8.0;net10.0`.
- `$(MobileTFM_Android)` resolves to `net10.0-android`.
- `$(MobileTFM_iOS)` resolves to `net10.0-ios`.
- `$(CrossPlatformTFMs)` resolves to `net8.0;net10.0`.
- `$(MobileTargetFrameworks)` resolves to `net10.0-android;net10.0-ios` on Windows/macOS.

The current recommended version of Visual Studio Professional 2026 is v18.4.3 with MAUI 10.0.90 / .NET 10.0.201 SDK (or later).

Talkman Devices

The VAD publish profile `vad.net8.0.linux-arm64.pubxml` remains available for NET8.0. A new `vad.net10.0.linux-arm64.pubxml` profile is added for NET10.0. Publish profiles are added in the VAD project for NET8.0 and NET10.0.

- To publish a VAD application, right click the VAD project in the GWS solution and choose **Publish...** from the context menu, ensure the corresponding profile is chosen, then publish.
- The net10.0 VAD application requires the .NET 10 runtime installed on the device.
- Voice Catalyst 5.1.2 or later is required to support .NET 10 VADs.

User ID Search

The user ID field is now searchable on the sign-in screen when a list of users is provided. An optional search box is added to *CustomPicker* (enabled via *IsSearchable*) for filtering long item lists.

Review Voice Notes Behavior

An option is provided to resume the review of memos from the previous point rather than restarting from the beginning. This change includes both an intent and a slot change.

Intent

The *AudioCapturePropertiesObject* intent added the following new property:

- **InitiallySelectedMemoKey**([string](#)): Optional key to identify the memo last played.
 - If this property is empty (or not used) the ReviewMemos function always starts with the first memo.
 - Otherwise, the ReviewMemo function starts with the memo whose key matches the value of this property.

Slot

SelectedMemoKey (`List<string>`): For *ReviewNotes* intent, returns the key of the memo that was selected when the intent was submitted. This value can be read and supplied to the next *ReviewMemos* intent to restore position in the list.

GetLongValue

Added an optional feature for *GetLongValue* intent to enforce digit-only numeric entry rules (with optional leading -).

A new optional property, *UseLongDigitValidation*, controls the behavior of *GetLongValue*:

- **true:** *GetLongValue* enforces digit specific validations. In this case, inputs with multiple dashes or a dash not in the leading position are rejected.
- **false:** *GetLongValue* behaves normally. There is no digit specific validations. This is the default.

If both *UseLongDigitValidation* and *UseFloatValidation* are set to true *UseLongDigitValidation* takes precedence and *UseFloatValidation* is ignored.

RESX Changes for ArtisanResources

The following keys were deleted from ArtisanResources files:

Key Name	Value
error.guidedwork.restart	Error occurred, see your supervisor. To restart application, say ready
error.code.guidedwork.restart	Error {0} occurred. To restart the application, say "ready."

The following key should be used in place of those above:

Key Name	Value
error.guidedwork.restart.required	Application restart is required. To restart application, say ready

The following key was renamed to fix spelling in ArtisanResources:

Key Name	Value
operatorprep.additional.words.to.train	you have {0} additional vocabulary to train

Issues Fixed in this Release

NOTE

Resolved issues are included in the CHANGELOG.md file in the devkit directory, included in the DevKit zip file.

Issue Description	Issue ID
Headset does not Auto-Reconnect In certain instances the headset does not auto-reconnect to the Android device: - After the headset is powered off, enters standby mode, and is then powered back on. - The headset is moved out of Bluetooth range until the connection drops, then is moved back into range.	VGWSC-15201
Quiet Audio after Headset Paired If an SRX3 headset is paired at the No headset detected screen and the call volume on the device is set to a low value, the audio played through the headset can be at a low volume even if the headset volume is set to maximum.	VGWSC-15192
Invalid Help Option The spoken help option could include the "control make call" option even when SmartTalk audio sharing is disabled.	VGWSC-15024
Template Training Crash The application could crash during BlueStreak template training for some locales on Android devices.	VGWSC-14545
Speech Recognition Crash A change was made to prevent a possible speech recognition crash.	VGWSC-14421
Exception in Logs When the app was in the background, the user interface thread was not running and was prevented from being called. This threw an exception that was captured in the logs but did not cause any user side effects.	VGWSC-14386
Noise Sample Re-Triggered The noise sample could be re-triggered when an operator message was played.	VGWSC-14252

Issue Description	Issue ID
Incorrect Screen Display When an operator was in an active Smart Talk call and switched to a DevKit based app, the "NFC Pairing" screen was displayed instead of the "In a Call" screen.	VGWSC-14238
FileNotFoundException Log Entries The application was trying to load speech models that did not exist on the device. Operation was not affected, but this created excessive log entries.	VGWSC-14175
Microphone Mute Icon The microphone icon was not always showing as muted on screens where the recognizer was not enabled, for example on login screens.	VGWSC-14152
Standby Screen not Displayed Disconnecting the headset during a noise sample or during vocab or update training did not display a standby screen and instead displayed a Noise Sample has failed or a Training Timed Out screen.	VGWSC-14149
Incorrect Training Time Estimate The estimated time to perform voice training could be much greater than the actual time required	VGWSC-14005
BlueStreak Adaptation BlueStreak adaptation was only enabled when no TSI (Trainable Speaker Independent) model was available.	VGWSC-13818
Device Serial Number When the AccurateSerialNumberEnabled flag was set to true, the device was still getting added to a VoiceConsole instance displaying the secure string instead. The serial number was only displayed after closing and reopening the app.	VGWSC-13160
Record Memos Screen Navigation If speech recognition was turned off, navigation buttons (i.e., Ready and Back) and overflow menu options could stop working from the Record Memos screen.	VGWSC-13143

Issue Description	Issue ID
Sign Off not Confirmed When using the Sign Off option from the overflow menu on the VoiceNotes screen the app navigated back to the Select Operator screen instead of the Sign Off, Correct screen.	VGWSC-13067
App Crash with Server Request Fixed an app crash that could occur when a server request failed with certain HTTP error responses (for example, when Secure Server Connection was turned off).	VGWSC-12893
Min / Max Range Values When an operator provided a value outside the allowable min / max range using a Talkman device, the message displayed showed the min and max values with extra decimal places (for example 10.50000 instead of 10.5).	VGWSC-11933
Log File Crash An empty or corrupt log file could cause the DevKit application to crash.	VGWSC-9645
Split Screen Mode Split screen mode was not properly displaying the app splash screen or was causing a white screen error.	VGWSC-7764
Headset Disconnected Messages When using SRCOMM, if the headset became disconnected, selecting the OK option from No Headset Connected screen would spam the log with Headset not connected messages if the headset did not automatically reconnect.	VGWSC-7762
Phonetic Substitutions not Populated Phonetic substitutions were not being populated on the Phonetic Sub tab of the VoiceConsole Task Packages page. This occurred because the logic was hard coded to use en-US entries.	VGWSC-7702

Issue Description	Issue ID
RESX Updates for Artisan Resources The following keys were removed: - error.guidedwork.restart - error.code.guidedwork.restart The following key was renamed. - operatorprep.additional.words.to.train See details in <i>RESX Changes for ArtisanResources</i> above.	VGWSC-7695
Interleaved 2 of 5 Barcode Interleaved 2 of 5 barcodes were not being read on Zebra devices. this required a new scanner configuration option when using Zebra Data Wedge. The default is false. <pre data-bbox="159 909 748 1058">"ScannerConfig": { "UseZebraDataWedge": "true", "ZebraDataWedgeEnableI20f5": "true" }</pre>	VGWSC-7682
Background Exceptions If dialog such as a spinner is displayed while the app is in the background exceptions were written to the log while the app continued to function normally.	VGWSC-7669
Vocab Training in Wrong Language If training was started and interrupted, and a different operator signed onto the device with a different language, the new operator might be asked to train words in the original language.	VGWSC-7667
Resume Button does not Respond If the microphone boom was moved to the up position (Flip to Mute) during the noise sample the Resume button did not resume the noise sample.	VGWSC-7666

Issue Description	Issue ID
Scanner Selection Failure If the same secondary scanner was selected again the scanner connection could fail. Now the previously selected scanner is disconnected when a new scanner is selected or No Secondary Scanner is chosen. The scanner list is filtered to remove Honeywell scanners to prevent invalid connection attempts.	VGWSC-7665
Zebra Data Wedge Restart Removed On Zebra devices, the requirement to restart the device after changing the Use Data Wedge option is removed. The settings apply immediately. The screen no longer has the "Application restart required on change" message and this is removed from the ScannerSettingsWorkflowActivity_UseZebraDataWedge resource key.	VGWSC-7636
Font Styles Fixed an issue where the Guided Work application font styling was not being correctly applied.	VGWSC-7633
Race Condition for Concurrent Requests A race condition could happen where a state machine reset occurred while a concurrent request was still executing. This left the last request operating on a stale state, causing an illegal state transition and app crash.	VGWSC-7324

System Requirements

The following devices and software were tested for this release of DevKit.

Minimum Android Device Specifications

- **Processor:** Qualcomm Snapdragon 410 MSM8916 1.2 GHz quad-core
- **Memory:** 2GB RAM
- **Storage:** 8GB/16GB Flash
- **WLAN:** IEEE 802.11 a/b/g/n radio
- **Bluetooth:** Bluetooth Class 4.0, Bluetooth HFP (Hands-Free Profile) version 1.6
- **Operating System:** Android 11

The list above is the minimum recommended specifications. If the device does not meet or exceed these specifications, the following symptoms may occur:

- Poor audio quality
- Slow application screen responsiveness
- Delayed input entry

Hardware

The following devices were tested for this release.

Honeywell Android Devices

Device	Supported Android Versions	SRCOMM Supported SKUs *	Landscape Support
CK65	11	LON	No
CK67 (Model CK67X1N)	14		No
CN80			No
CN80G			No
CT30 XP	11	L1N, XON	No
CT37	14	X1N	No
CT40	11, 13		No
CT40 XP	11, 12		No
CT45	11, 12, 13	XON	No
CT45 XP	13		No
CT47	12	X1N	No
CT60	11, 13		No
CT60XP	11, 13		No
CT70	15		No
CW45	12	XON	Yes
ScanPal EDA57	12		No

* SRCOMM was tested with these particular SKUs. Because SRCOMM support is dependent on the installed radio only these SKUs are supported. An SRX3 headset is required to support SRCOMM with these devices.

Honeywell Talkman Devices

Device	VoiceCatalyst Version	SRCOMM Supported
A700XP	5.1 or later for .NET 8.0 VADs 5.1.2 for .NET 10.0 VADs	Yes
A700x	4.7.1 ECS012 or later for .NET 8.0 VADs 5.1.2 for .NET 10.0 VADs	Yes

Zebra Android Devices

Device	Supported Android Versions	SRCOMM Supported	Landscape Support
WT6300	11, 12, 13, 14	No	Yes
TC5x	11, 12, 13	No	No
TC7x	11, 12, 13, 14	No	No

Headsets

- Honeywell SRX-SL Light Industrial Use Headset
- Honeywell SRX2 Wireless Headset (with Hands-Free Profile support)
- Honeywell SRX3 Wireless Headset
 - Firmware version 6.09 or later is required to support SRCOMM with BlueStreak speech recognition on Android devices.
 - Firmware version 6.13 or later is required to support SRCOMM with Pick Up and Go speech recognition on Android devices.

Scanners

- On-board scanners for Honeywell Android devices listed above
- Honeywell A730x

- Honeywell A730XP
- Honeywell 8670 Ring Scanner

Printers

- Honeywell RP2d
- Honeywell RP4d
- Intermec PB22
- Intermec PB50
- Zebra QL320 Plus
- Zebra QL420 Plus

NOTE

Honeywell A700 series and A500 devices are not supported.

Management Server Support

- VoiceConsole 5.6.3. or later for A700x.
- VoiceConsole 5.6.3, 5.6.5, 6.3.2, and 6.4 or later for A700XP. An ECS is required for 5.x versions.
- VoiceConsole 6.2.1 or later for Android device support

Issues Reported in this Release

Issue Description	Issue ID
Unable to Upgrade from DevKit 1.15 Upgrading from DevKit 1.15 or earlier to DevKit 3.1 causes a crash when opening the DevKit app. Workaround: Do not upgrade to DevKit 3.1. Wait for the DevKit 3.2 release to upgrade.	VGWSC-15983

Issue Description

Issue ID

Accurate Serial Number not Reflected

When using `OneTimeStartupSettings.config` to enable `AccurateSerialNumberEnabled` and VoiceConsole licensing, the serial number is not showing in the VoiceConsole logs when VoiceConsole licensing is used.

Workaround: There are three workarounds:

1. Either license the application before opening the app.
2. Restart the app after the "Application Licensed" screen.
3. Update the `OneTimeStartupSettings.config` so the `SerialNumberConfig` section is before the `VoiceConsoleConfig` section as shown below:

```
{
  "Repositories": {
    "ApplicationConfig": {
      "ApplicationSchemeChoice": "VoiceConsoleBased"
    },
    "SerialNumberConfig": {
      "AccurateSerialNumberEnabled": "true"
    },
    "VoiceConsoleConfig": {
      "Enabled": "true",
      "SecureConnections": "true",
      "Host": "xxxx.com",
      "Port": "443",
      "SiteId": "-1"
    }
  }
}
```

VGWSC-15425

Select Operator Page Displays Duplicate Dropdowns

On an iOS device selecting the Operator Team userid sometimes shows two dropdowns, one with a search box and one without.

VGWSC-15272

Workaround: Use the dropdown with the search box and ignore the other dropdown.

Previously Reported Issues

Issue Description	Issue ID
iOS App not Supported in Background DevKit 2.0 does not support running the application on iOS in the background or while the screen is off. When the app is in the background, prompts and commands are not processed. NOTE This defect was first found in an earlier version of DevKit. Honeywell has confirmed the issue exists at least as far back as DevKit 1.9.1.	VGWSC-7735
Workaround: Running the app in the foreground is the only supported mode for iOS.	
SRCOMM: Headset not Functioning During an extended period of non-use a headset connected via SRCOMM the headset may remain connected (flashing blue) but not functioning. Workaround: Restart the application.	VGWSC-7677
Application Not Switching Language When changing the application from one language to another, the TTS continued to speak the original language on an iOS device. Workaround: Navigate to the iOS language settings and switch the device to the new language	VGWSC-7674
SRCOMM: Not Available for Prompts Outside Workflow SRCOMM is not available for speaking TTS prompts outside the workflow, such as the prompts from the Voice & Audio Settings screen. A2DP is used instead.	VGWSC-7642
Not All Words Shown During Training The display dialog screen may not show all words during training and the training bar may jump to 100%	VGWSC-7347

Issue Description	Issue ID
Site ID Change Once an Android devices has connected to VoiceConsole the device cannot be moved to a different site by downloading a new config file with a different Site ID. Workaround: Move the device manually or delete the device from the old site.	VGWSC-7339

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
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- **Brazil**
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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