Honeywell

Release Notes
Honeywell Development Kit 1.15

May 13 2024

Verifying Download Files

The release files for Honeywell Development Kit (DevKit) 1.15 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-1.15-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.

New Features in Honeywell DevKit

This release concentrates on issue resolution.

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
When device logging is enabled for selected devices, the logs for these devices in a VoiceConsole Cloud deployment were empty.	**VOSMB-9768**
When an operator logs onto a VoiceConsole Cloud deployment by typing user-name and password manually the user's name does not appear in the devices list and is not reflected correctly in the report problem log.	**VOSMB-9776**
When an operator logs out of a VoiceConsole Cloud deployment the devices tab is not updated to show the operator field as empty. When that user logs back in the list of operators is not updated.	**VOSMB-9777**
When signing off from LApp workflow while using any VoiceConsole licensing the application stops working and gets stuck and the app is not able to process calls from VoiceConsole. *DynamicOverflowReturn* was removed from *AllowedAdditionalVocab* property in *LAppModel* class. This was causing the dead lock while calling VoiceConsole. *ProcessOverflowMenuItemDynamicReturnAsync* is marked as obsolete and will be removed in future releases. > **IMPORTANT** > Honeywell recommends partners do not use *DynamicOverflowReturn* in their state machine implementation.	**VOSMB-9931**
Communication failure with VoiceConsole when the authentication has failed after expiration. The screen was stuck waiting for a VoiceConsole response to proceed to the next screen.	**VOSMB-9957**
Fix for using the "Repick Skips" command for single and multiple picks in VoiceLink.	**VOSMB-10201**

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**: EEE 802.11 a/b/g/n radio
- **Bluetooth**: Bluetooth Class 4.0, Bluetooth HFP (Hands-Free Profile) version 1.6
- **Operating System**: Android N (7.0)

The above are the minimum recommended device 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 Devices

- Honeywell CT30 XP
- Honeywell CT40
- Honeywell CT40 XP
- Honeywell CT45
- Honeywell CT60
- Honeywell CT60 XP
- Honeywell CN80
- Honeywell CN80G
- Honeywell CK65
- Honeywell CW45
- Honeywell ScanPal EDA51
- Honeywell ScanPal EDA71
- Honeywell A700x

Third-Party Devices

- Zebra WT6000
- Zebra TC5x
- Zebra TC7x

Headsets

- Honeywell SRX-SL Light Industrial Use Headset
- Honeywell SRX2 Wireless Headset (with Hands-Free Profile support)
- Honeywell SRX3 Wireless Headset

Scanners

- Honeywell CT30 XP On-board Scanner
- Honeywell CT40 On-board Scanner
- Honeywell CT40 XP On-board Scanner
- Honeywell CT45 On-board Scanner
- Honeywell CT60 On-board Scanner
- Honeywell CT60 XP On-board Scanner
- Honeywell CN80 On-board Scanner
- Honeywell CN80G On-board Scanner
- Honeywell CK65 On-board Scanner
- Honeywell CW45 On-board Scanner
- Honeywell EDA51 On-board Scanner
- Honeywell EDA71 On-board Scanner
- Honeywell A730x On-board Scanner
- Honeywell 8670 Ring Scanner

Android Device Operating System Support

- Android N (7.1.1)
  - Honeywell CT40
  - Honeywell CT60
- Android O (8.1.0)
  - Honeywell CT40
  - Honeywell CT60
  - Honeywell CK65
  - Honeywell ScanPal EDA51
  - Honeywell ScanPal EDA71
- Android P (9)
  - Honeywell CT40
  - Honeywell CT40 XP
  - Honeywell CT60
  - Honeywell CT60 XP
  - Honeywell CK65
- Android 10
  - Honeywell CT40
  - Honeywell CT40XP
  - Honeywell CT60
  - Honeywell CT60XP
  - Honeywell CK65
- Android 11
  - Honeywell CT30 XP
  - Honeywell CT40
  - Honeywell CT40XP
  - Honeywell CT45
  - Honeywell CT60
  - Honeywell CT60XP
  - Honeywell CK65
- Android 12
  - Honeywell CW45

Honeywell A700x Software Support

- VoiceCatalyst 4.4 or later

> **NOTE**
> Honeywell A700 series and A500 devices are not supported.

Management Server Support

- VoiceConsole 5.5 or later for A700x
- VoiceConsole 6.1 or later for Android device support

Previously Reported Limitations

Issue Description	Issue ID
Hints Hints/response instructions are expected to work reliably for digits and alphabetic characters on Android and iOS. Other vocabulary words are not expected to work as part of hints.	**VOSMB-8168**
Scanning Data Can Override Priority Prompts Priority prompts can be overridden by scanning data at a screen where scanning is a valid input.	**VOSMB-1415**
Voice Dialogue Continues to Run During Background Activity When waiting for background spinner activity to complete, speech recognition may allow the operator to use some menu items through voice, e.g., Say Again and Help.	**VOSMB-1406**
Do Not Press + and – Buttons on SRX3 Headset to Unpair When unpairing your SRX3 headset from an Android device, do not press the + and – buttons simultaneously. This procedure causes known issues with TTS and speech recognition. **Proper Procedure**: To unpair your SRX3 headset from an Android device, go to your device Bluetooth settings, display the Paired devices screen, select the headset, and tap FORGET to unpair the headset and the Android device.	**VOSMB-1448**
Pressing Power Button on SRX-SL or SRX2 Headset Causes Unpairing If you press the Power button on your SRX-SL or SRX2 headset, the headset unpairs from the device. **Workaround**: Power off the headset and re-pair your device and headset.	**VOSMB-1252**

Issue Description	Issue ID
"GatewayTimeout" error message from Microservices If the mobile application has trouble reaching the Microservices host ("GatewayTimeout") while attempting to retrieve templates it may force the user to retrain all words for that workflow. **Workaround**: If you experience this behavior close and restart the app and log in again	**VOSMB-971**
Do Not Press Next Button Quickly If you have untrained words and get to the template training instructions screen, if you tap the Next button in rapid succession, it can cause the application to shut down unexpectedly.	**VOSMB-230**
Audio to the Bluetooth Headset Can Fail In some situations, the audio no longer comes through a Bluetooth headset even though it is still paired to the device. **Workaround**: Unpair and re-pair the headset.	**VOSMB-28**
Errors while Transmitting Files to VoiceConsole A number of errors may appear in the device logs when transmitting logs to VoiceConsole. In spite of these errors, all log files are eventually transmitted successfully.	**VOSMB-570**
State Machine Recommendation Do not create a state machine where the first state goes directly into a secondary state machine and sets the next trigger for return. The app becomes unresponsive when returning from the secondary state machine and the second state never runs.	**VOSMB-465**