



Release Notes

Honeywell VoiceInterface Objects 2.0

August 29, 2022

New Features in this Release

Natural Numbers

Natural Number support for VoiceInterface Objects allows a number like 235 to be spoken as "two hundred thirty five" or "two hundred and thirty five" instead of just "two three five". Natural numbers is an argument for the getDigits instruction.

Anchor Words

Anchor Words for VoiceInterface Objects are vocabulary words that can be given to a float intent, value intent, or long value intent to allow the operator to give context to their input. Anchor word is an argument for the getDigits, getString, and getFloat instructions. An additional argument for these instructions recalls the Previous Anchor Word.

For example, if there is a value intent asking for the length of an object, anchor words would allow the operator to say "feet" or "inches" after the number. The list of Anchor Words is provided by the host.

TLS 1.2 Secure Socket Support

Transport Layer Security (TLS) can be enabled or disabled via the settings menu.

Guided Work Version

Guided Work is updated to version 1.6.

System Requirements

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 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

Devices

- Honeywell Dolphin CT40
- Honeywell Dolphin CT60
- Honeywell Dolphin CN80
- Honeywell Dolphin CN80G
- Honeywell CK65
- Honeywell ScanPal EDA51
- Honeywell ScanPal EDA71
- Honeywell A700x

Demo level support:

- Zebra WT6000
- Zebra TC51

Headsets

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

Scanners

- Honeywell CT40 On-board Scanner
- Honeywell CT60 On-board Scanner
- Honeywell EDA51 On-board Scanner
- Honeywell EDA71 On-board Scanner
- Honeywell 8670 Ring Scanner

Android Device Operating System Support

- Android N (7.1.1)
 - Honeywell Dolphin CT40
 - Honeywell Dolphin CT60
- Android O (8.1.0)
 - Honeywell Dolphin CT40
 - Honeywell Dolphin CT60
 - Honeywell Dolphin CK65

- Honeywell ScanPal EDA51
- Honeywell ScanPal EDA71
- Android P (9)
 - Honeywell Dolphin CT40
 - Honeywell Dolphin CT60
 - Honeywell CK65

Honeywell A700x Software Support

- VoiceCatalyst 4.5 or greater

NOTE

Honeywell A700 series and A500 devices are not supported.

General Considerations and Limitations

Mobile Application Limitations

Issue Description	Issue ID
<p>Quantity to pick not displayed</p> <p>The quantity to pick message is spoken, but is not displayed on the screen.</p>	VOSMB-4977
<p>Warning message during demo</p> <p>A warning message is erroneously displayed on the Safety Checklist screen running the embedded demo.</p>	VOSMB-4973
<p>Device speaker volume low</p> <p>When a headset is not connected the audio may be played at low volume (as if it was from a call and not through the main rear speaker of the device).</p>	VOSMB-4729
<p>Skip slot not supported</p> <p>Skip slot functionality is not yet implemented.</p>	VOSMB-4902
<p>Menu is not hidden</p> <p>When the 3 dot menu is displayed and the user inputs a voice command, the menu may not be hidden when the screen changes.</p>	VOSMB-5003

Previously Reported Limitations

Issue Description	Issue ID
<p>Scanning Data Can Override Priority Prompts</p> <p>Priority prompts can be overridden by scanning data at a screen where scanning is a valid input.</p>	VOSMB-1415
<p>Voice Dialogue Continues to Run During Background Activity</p> <p>When waiting for background spinner activity to complete, speech recognition may allow the operator to use some menu items through voice; for example, Say Again and Help.</p>	VOSMB-1406
<p>Do Not Press + and – Buttons on SRX3 Headset to Unpair</p> <p>When unpairing your SRX3 headset from an Android device, do not press the + and – buttons simultaneously. This procedure causes known issues with TTS and voice recognition.</p> <p>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.</p>	VOSMB-1448
<p>Pressing Power Button on SRX-SL or SRX2 Headset Causes Unpairing</p> <p>If you press the Power button on your SRX-SL or SRX2 headset, the headset unpairs from the device.</p> <p>Workaround: Power off the headset and re-pair your device and headset.</p>	VOSMB-1252
<p>“GatewayTimeout” error message from Microservices</p> <p>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.</p> <p>Workaround: If you experience this behavior, close and restart the app and log in again</p>	VOSMB-971
<p>Changing Site on Device Does Not Affect VoiceConsole</p> <p>If you have selected a VoiceConsole instance as the server on the mobile device and select one of the sites, the device will remain associated with that site even if you change sites again in the mobile application. To move a device to a different VoiceConsole site, move the device within VoiceConsole.</p>	VOSMB-900

Issue Description	Issue ID
<p>Do Not Press Next Button Quickly</p> <p>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.</p>	<p>VOSMB-230</p>
<p>Audio to the Bluetooth Headset Can Fail</p> <p>In some situations, the audio no longer comes through a Bluetooth headset even though it is still paired to the device.</p> <p>Workaround: Unpair and re-pair the headset.</p>	<p>VOSMB-28</p>
<p>Errors while Transmitting Files to VoiceConsole</p> <p>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.</p>	<p>VOSMB-570</p>
<p>Cannot Retrieve Templates</p> <p>If you create a user with the name of the point character (.) in the Microservices application scheme, any templates trained under that name will not be retrieved. Do not use . as a user name.</p>	<p>VOSMB-567</p>