Honeywell

Release Notes
Honeywell Voice for Manhattan Active 3.0.0

December 22 2022

New Features in this Release

Workflow Support

Support is added for:

- Receiving
- Cycle Count

New Properties for Natural Numbers

Additional information on using these parameters can be found in the Honeywell Voice For Manhattan Active online help.

DisableSpell

- **true** – Disables spell tags
- **false** – Enables spell tags (default)

MaxSpeakAsNumber

The maximum value that can be spoken as a natural number (i.e., "ninety nine" instead of "nine nine").

CP-TRACE-ID Logging

These log messages are added, prefixed with "CP-TRACE-ID".

Additional Logging

If an error occurs, additional log messages are added, prefixed with "Invalid json obj".

Settings Screen

The user cannot back out of the setting screen if there are uncompleted items.

- If the screen requirements have not been met, the App Back button, Navigate Back, and Submit features are inactive. The user remains on the settings screen and is prompted for missing required information.

- If the screen requirements are met, the above navigation items return the user to the WMMobile screen.

Honeywell CW45 Support

Support is added for the CW45. The CW45 supports landscape mode.

Android 12 Support

Support is added for Android 12 devices. Devices must support 32-bit apps.

Notes for Android 11 and Android 12 devices:

- Many device/MDM combinations do not easily write to scoped storage beginning with Android 11 (e.g., Workspace ONE: https://kb.vmware.com/s/article/85573).

- Honeywell Voice for Manhattan Active now looks for configuration files and dataset files for embedded demos in /sdcard/Download/ and /sdcard/Download/com.honeywell.Manhattan/ before looking in /sdcard/Android/data/com.honeywell.Manhattan/files/Configuration/.

DevKit

Updated DevKit to 1.8.

Settings Lockdown

The option is provided to lockdown Voice and Audio settings, Application settings, and Manhattan settings. When locked down, these settings cannot be changed in the user interface. By default no settings are locked down. The Honeywell Voice for Manhattan Active online help details these settings.

Voice And Audio Settings:

- VoiceAndAudioSettingsLockdown (locks down all Voice and Audio settings)

- VoiceRecognitionLockdown

- PickUpAndGoLockdown

- PauseOnMicRaiseLockdown

- CaptioningLockdown

Application Settings:

- ApplicationSettingsLockdown (locks down all Application settings)

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- ApplicationSchemeLockdown
- AutomaticReleaseLeaseLockdown
- ApplicationSettingsSecureConnectionsLockdown
- ApplicationSettingsHostLockdown
- ApplicationSettingsPortLockdown
- ApplicationSettingsSiteIdLockdown

Manhattan Settings:
- ManhattanAllSettingsLockdown (locks down all Manhattan settings)
- ManhattanSettingsWorkflowFilterLockdown
- ManhattanSettingsHostLockdown
- ManhattanSettingsPortLockdown
- ManhattanSettingsAuthHostLockdown
- ManhattanSettingsAuthPortLockdown
- ManhattanSettingsSecureConnectionsLockdown

Quantity Max Length Update

For increased recognition performance, max length is configured for quantity inputs.

New Header for Requests

A new header called "isLocalized" is added for all requests to the server.

Vehicle Confirmation

If a task group requires a vehicle ID, the user cannot get a task until the vehicle ID is completed.

Updated Help for MinSpokenLength

The minimum comparison is removed from the help message. The message now says "Speak #
characters" instead of "Speak 2 to # characters".

User Settings Menu Display

Menu screens can be populated using description property in json. The description is displayed on the
menu screen.

- If speaking value, the description is used for the confirmation prompt.
- If using Options overflow command, the description is spoken for the user to select.

Localization Updates

Added Languages

- Latin American Spanish (es-MX)
- Canadian French (fr-CA)

Updated Translations

Added translations for previous features (i.e.; Item Description, Location, Aisle) for all supported languages.

System Requirements

The following devices and software were tested for this release.

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 O (8)

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.

Devices

- Honeywell CT40
- Honeywell CT40 XP
- Honeywell CT45
- Honeywell CT60
- Honeywell CT60 XP
- Honeywell CK65
- Honeywell CW45
- Honeywell A700x
- Zebra WT6300
- 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 CT40 On-board Scanner
- Honeywell CT45 On-board Scanner
- Honeywell CT60 On-board Scanner
- Honeywell A730x On-board Scanner
- Honeywell 8670 Ring Scanner

Android Device Operating System Support

- 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
- Android 10
  - Honeywell CT40
  - Honeywell CT40 XP
  - Honeywell CT60
  - Honeywell CT60 XP
  - Honeywell CK65
- Android 11
  - Honeywell CT40
  - Honeywell CT40 XP
  - Honeywell CT45
  - Honeywell CT60
  - Honeywell CT60 XP
  - Honeywell CK65
- Android 12
  - Honeywell CW45

Honeywell A700x Software Support

- VoiceCatalyst 4.5 or greater

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

General Considerations and Limitations

Previously Reported Limitations

Issue Description	Issue ID
DisableVocabWord is Case Sensitive The A700x device setting DisableVocabWord is case sensitive and the format is DisableVocabWord_vocab_word (where DisableVocabWord is camelCase and the vocab-word is lower case).	**VOSMB-5363**
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**
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**
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**
Changing Site on Device Does Not Affect VoiceConsole 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.	**VOSMB-900**
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**
Cannot Retrieve Templates 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.	**VOSMB-567**
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**