



Release Notes

Honeywell VoiceCatalyst 4.8

October 14 2025

What's in this Release

This software release runs on the A700x series devices – including the A710x, A720x, and A730x. This software release is only for A700x devices.

This release addresses several issues that exist in the previous release and includes additional functionality for the A700x.

Help documentation is now available to customers online at <https://help.honeywellaidc.com>.

IMPORTANT

Honeywell recommends that *all* customers have a support plan in place to take advantage of performance improvements and the most up-to-date product security. If there is a technical or security concern regarding a particular product, Honeywell recommends immediately contacting Technical Support.

Customers may also need to update older software to the most recent release to resolve their issue. The most comprehensive resolution to product issues are available in the most recent release of software or recommended software from Technical Support. *Most recent release* refers to the latest generally available release for sale via Honeywell's normal product release process. Contact [Honeywell Technical Support](#) for more information.

IMPORTANT

For VoiceCatalyst 4.8 customers in Brazil, the VOS file contains parameters and settings that function specially for Brazil only. **This is the only VOS file that may be used in Brazil.** It is required to set the parameters for radio operation that conform to country-specific regulations. No other VOS files may be used in Brazil.

TIP

UTF-8 encoding must be used for non-ASCII characters (such as characters with accents or other diacritics). Additionally, any data sent to the A700x, such as from a WMS, must be encoded as UTF-8. Contact Honeywell Technical Support for more information.

Features and Improvements in this Release

New Features

.NET 8 Runtime Support

This release supports .NET 8 runtime on A700x devices.

New Peripheral Support

Support is added for the following peripherals:

- Honeywell Granit XP 1991iXLR
- Honeywell LNX3 Mobile Printer
- Honeywell MPD31D Mobile Label Printer
- Zebra RS6100 Scanner
- Zebra ZQ620 Plus Printer
- Zebra ZQ630 Plus Printer

See [New Peripherals Tested with A700x](#).

NOTE

Additional peripheral information available at <https://help.honeywellaidc.com/peripherals.html>.

Enhanced Operational Intelligence Data Integration

VoiceCatalyst sends more information to the Operational Intelligence Platform, reported in the following dashboards:

- **Battery Health:** Battery life telemetry data and device battery status are now reported with some information available by device, site, and/or type
- **Device Usage and Connectivity:** Device status and device specific information are available
- **Mobile Computers:** Device usage levels are available by device and/or site

By default, A700x devices send telemetry data to the Operational Intelligence platform every four (4) hours. For more information on configuring this parameter, reference the [IoTBrokerTelemetryInterval](#) parameter section.

NOTE

VoiceConsole 6.3 or later is required to support Operational Intelligence in an On Prem or Hybrid deployment. VoiceConsole 6.2.1 or later is required to support Operational Intelligence in a SaaS deployment.

Refer to [VoiceConsole online help](#) details on how to create a device profile to enable Operational Intelligence data analytics.

Pallet Truck API Support

Support has ended for the Voice Assisted Pallet Truck APIs.

Improvements

Latency Improvements

System response time from user speech to device response has been reduced. The extent of latency reduction varies across different headset, language, and recognizer configurations. Additionally, the accuracy of the **Delay**, metric shown in VoiceCatalyst log files is improved. Below is the log file line:

```
Delay,<speech to speech time>, <input speech node>, <prompt node>, <last  
recognized word>, {<resulting prompt>}
```

Example output in log file:

```
Delay,900,Digits,PromptHere,3,{Put Two Packs, rear}
```

The table below provides guidance for interpreting log messages.

Item	Example	Description
<speech to speech time>	900	Approximate time in milliseconds from the end of the user speaking the last word of the utterance until the beginning of the resulting prompt is output by the device
<input speech node>	Digits	Node name of the first word of the input speech utterance
<prompt node>	PromptHere	Node name of the resulting prompt
<last recognized word>	3	Last recognized word of the input speech utterance
<resulting prompt>	Put Two Packs, rear	Prompt text spoken to the user presumably in response to their last spoken input

Additionally, the latency for PnG languages other than American English (en_US) is now more consistent with latency across languages and recognizer types. This reduces the risk of latency degradation when migrating from BlueStreak to PnG.

NOTE

The improved **Delay**, metric should not be compared to previous versions.

Recognition Improvement

Recognition accuracy for PnG American English (en_US) is improved when users speak quickly and/or speak repeated words, for example "8 8".

Profile Load Improvements

During device profile loads, A700x devices now retry requests, instead of simply failing after one attempt. Additionally, A700x devices can now handle longer periods of service unavailability which can occur when simultaneous firmware downloads occur across many devices.

Asset Download Improvement

Asset downloads from VoiceConsole SaaS deployments are improved.

Additional Character Audio Support

This improvement enables A700x devices to produce speech outputs for certain Japanese characters and uppercase Roman numerals which were not previously supported by audio.

Parameters

New Parameters

The following new parameters are available in this release.

IoTBrokerTelemetryInterval

The IoTBrokerTelemetryInterval parameter controls how frequently the broker sends telemetry data to the Operational Intelligence platform. This parameter is configurable. The parameter value is measured in minutes with 15 minutes as the minimum value and 1440 minutes (24 hours) as the maximum value. By default, A700x devices send telemetry data every 4 hours (240 minutes). The default parameter code is shown below:

```
[HKEY_LOCAL_MACHINE\Vocollect\CONFIG_PARAMS\BROKER_CFG]
"IoTBrokerTelemetryInterval"="240"
```

TemplateMode

The TemplateMode parameter allows users to opt out of training and storing voice templates in compliance with certain personal data protections. The parameter is under:

```
[HKEY_LOCAL_MACHINE\Vocollect\CONFIG_PARAMS\DIAG_FILE]
```

This parameter supports three modes of template availability which can be configured in VoiceConsole by selecting the corresponding numeric value or string value detailed below:

Numeric Value	String Value	Functionality
TemplateMode=0	TemplateMode=EnableAllTemplates (Default)	Both BlueStreak and PnG speech recognition are available. All templates are enabled. Template training is required for BlueStreak and retraining is available for both BlueStreak and PnG. Adaptive speech recognition is enabled.
TemplateMode=1	TemplateMode=DisableAllTemplates	Only PnG speech recognition is available. All templates are disabled. Template training and retraining are not available and associated menu items and commands are disabled. Adaptive speech recognition is disabled. If the device does not support PnG, users are only able to execute noise samples and listen to menu options.

Numeric Value	String Value	Functionality
		Only PnG speech recognition is available.
		All templates are disabled.
TemplateMode=2	TemplateMode=EnablePnGTrainability	If PnG_Train_RequireAllSDTemplates contains additional vocabulary to train, the additional vocabulary can be trained and retrained from the menu. Adaptive speech recognition is enabled. If the device does not support PnG, users are only able to execute noise samples and listen to menu options.

PnG_Decode_Sensitivity_<languageTag>_<word>

The PnG_Decode_Sensitivity parameter is enhanced with two optional components to allow for adjusting the sensitivity for specific words and specific languages.

- <languageTag> is used to specify the PnG languageTag for the desired language.
- <word> is used to specify a particular word.

To find a specific languageTag, see the [Language Support](#) table and reference the languageTag column for the appropriate string.

Examples, from highest priority are:

1. **PnG_Decode_Sensitivity_<languageTag>_<word>**: Sets the decode sensitivity for the specified word in the specified language.
2. **PnG_Decode_Sensitivity_<word>**: Sets the decode sensitivity for the specified word.
3. **PnG_Decode_Sensitivity_<languageTag>**: Sets the decode sensitivity for all words in the specified language.
4. **PnG_Decode_Sensitivity**: Sets the decode sensitivity for all words and all languages.

ECSs Included in This Release

The following issues were fixed with an ECS and are included in this release.

ECS Description	Issue ID
4.7.1-ECS-001	
This ECS provides resolution to the following issues:	NGVPL-17689
Resolved Record and Playback prompt slowdowns after extended periods of use.	
4.7.1-ECS-002	
This ECS provides resolution to the following issues:	NGVPL-18070
- A700x devices now only skip unsupported characters in prompt audio, not the entire prompt. - A700x devices no longer reboot when French language is selected.	NGVPL-17890
4.7.1-ECS-005	
This ECS provides resolution to the following issues:	NGVPL-18195
- Abnormal battery drain issue was resolved. - A700x devices no longer incorrectly notify users that features are not licensed when valid VoiceConsole licenses are active. - Performance latency with PnG was improved.	NGVPL-18135 NGVPL-17260
4.7.1-ECS-007	
This ECS provides resolution to the following issues:	NGVPL-18177
- Recognizer latency improvements integrated. - Phonetics for recognition (PnG) now update accordingly when new packages are loaded. - Conducted investigations into Guided Work Solution Voice Application Distributable latency.	NGVPL-18114 NGVPL-18134
4.7.1-ECS-008	
This ECS provides resolution to the following issues:	NGVPL-18346
- The report problem feature now correctly reports events in the short snapshot logs. - A700x devices now execute the graceful shutdown process within 10 seconds, reduced from 25 seconds. - A700x RAM usage percentage is reported correctly in logs. - Resolved the issue that caused A700x devices to reboot when attempting shutdown during noise samples.	NGVPL-18429 NGVPL-18545 NGVPL-18515

ECS Description	Issue ID
4.7.1-ECS-009 This ECS provides resolution to the following issues: • Restrict permitted Transport Layer Security (TLS) versions of the Mongoose Embedded Web Server. • Speech recognition latency improvements were applied.	NGVPL-18656 NGVPL-18669
4.7.1-ECS-012 This ECS provides resolution to the following issues: • Speech recognition latency improvements were applied. • After stop and/or inactive recognitions, the dialog no longer waits for an event which improves execution speed. • Corrected "Delay," metric shown in VoiceCatalyst log files after recognizer switches. • Updated constants to improve the accuracy of the "Delay," metric.	NGVPL-19367 NGVPL-19198 NGVPL-19070 NGVPL-19023
4.7.1-ECS-015 This ECS provides resolution to the following issues: • Added modification to wpa_supplicant to force driver flag that reports 802.11r (Fast Roaming) is a supported feature.	A700X-1398
4.7.1-ECS-016 This ECS provides resolution to the following issues: • Support added for Sectigo certificates.	NGVPL-21830

Issues Resolved in This Release

The following issues were resolved in this release.

Issue Description	Issue ID
Audio Output Fixed for USB Speakers When an A700x device is used with a wired headset and USB speaker and the users loads a profile with the AUDIO_MIC_MONITOR_ENABLED parameter set to 0 , the USB speaker only plays TTS audio as expected.	NGVPL-22147
Bulgarian Translation Improvements Updated Bulgarian (bg_BG) 12 TTS systrings to improve translation accuracy.	NGVPL-18534
NewWirelessHeadsetTransmissionMethod Default Parameter The NewWirelessHeadsetTransmissionMethod parameter is enabled by default and improves Bluetooth communication between wireless headsets and A700x devices.	NGVPL-18153
Fixed License Check Errors During a license check exchange with VoiceConsole, the Feature Check requests are successful when valid licenses are present and the Feature Name does not become corrupted.	NGVPL-18109
Spanish TTS Pronunciation Fix The Spanish TTS audio correctly pronounces words with letters "c", "s", and "z".	NGVPL-17650
LED Power Off Pattern Resolved A resolution was implemented so the device LED ring presents the correct pattern during shutdown.	NGVPL-17518
A700x Message Repeating Prompt Resolved For VoiceArtisan tasks, if the user performs the following, the device now speaks the actual message text: • Presses the Play/Pause button after the message has been queued • Does not speak “continue” to prompt the device for the message • Presses Play/Pause again once the message has expired	NGVPL-17370

Issue Description	Issue ID
Expired Message Failure Fix A fix was implemented so the device no longer reboots if the operator says "Continue" after messages they received have expired.	NGVPL-16505
Speaker Selection Persistence The selected speaker (male or female) persists after the operator reboots device.	NGVPL-16376
Headset Disconnection Resolution SRX2/SRX3 Wireless Headsets no longer disconnect when the SRXSupervisorAudioEnable parameter is set to 2 .	NGVPL-15428
Headset Connection Fix When a headset buffer encounters a communications failure, the headset remains connected.	NGVPL-2755
Active Voice Alignment The voice device's active, default, and resident voices are accurately reflected in the VoiceConsole View Device page.	NGVPL-2470
NOTE For information on issues fixed in prior releases, refer to the Release Notes for those versions available at help.honeywellaidc.com.	

Limitations Reported with This Release

The following limitations were observed in this release.

Honeywell Granit Scanners Bluetooth Connection

When using the A700x device as the Bluetooth connection initiator, both the Honeywell Granit 1911i and Granit XP 1991i XLR scanners do not connect to the A700x device. VoiceConsole may reflect incorrect connection status for these scanners.

NOTE

To Bluetooth connect the Granit 1991i series scanners, use the Scanner as the Initiator.

Issues Reported with This Release

The following issues were observed in this release.

Issue Description	Issue ID
A700x Not Connecting with Display Dialogue Within the Display Dialogue window in VoiceConsole 6.3 SaaS deployment, the Talkman device shows as connecting and intermittently does not display what the device is speaking. Workaround: Ensure the Display Dialogue window is open prior to beginning training.	NGVPL-22365
Japanese Parameter Change Requires Reboot When Japanese TTS is loaded on A700x devices and the JapaneseTTS_SilenceAfterPromptsDuration parameter value is changed, users must reboot the A700x for changes to take effect. Workaround: Reboot device after parameter value is changed.	NGVPL-22184
Device IP Address Changes On rare occasions with VoiceConsole SaaS deployment, the A700x device sends a device IP address of 0.0.0.0 to VoiceConsole. VoiceConsole then changes the device's IP address to 127.0.0.6. Workaround: Reboot A700x device within network range.	NGVPL-22082
Supervisor Audio 1 Issues with SRX3 Wireless Headset When using a SRX3 Wireless Headset with firmware version 6.09 and switching from a task where SRXSupervisorAudioEnable=2 to a task with SRXSupervisorAudioEnable=1 and then working through the task, the headset occasionally disconnects and reconnects.	NGVPL-22065
Audio Output Irregularity on First Prompt When switching from a task or operator where SRXSupervisorAudioEnable is not set at all or set to 2 , to a task or operator with SRXSupervisorAudioEnable=1 , the first instance of a "Task load complete" or "Loading operator" prompt (whichever is applicable) is spoken slowly in a low pitch. When switching from a task or operator with SRXSupervisorAudioEnable=1 to a task or operator without the parameter set or set to 2 , there is a brief high-pitch TTS audio output.	NGVPL-21757

Issue Description	Issue ID
Spanish Female TTS Pronunciation The female speaker for Spanish TTS (es_ES) does not pronounce the letter "n" in the number 5, "cinco". Audio says "cico" instead. Workaround: Use the male speaker for Spanish TTS.	NGVPL-21464
Voice Device Sends Incomplete ID Information The voice device intermittently fails to send IP address, Wi-Fi MAC address, and SSID information to the Operational Intelligence platform when attempting to reconnect the network. Workaround: Bring the device back within network range and then reboot device if necessary.	NGVPL-21363
Loading Delays When Switching Operators When switching from a non-US English Pick Up & Go operator to a American English Pick Up & Go operator the profile may experience loading delays.	NGVPL-20820
Japanese TTS Skips Characters Speech is not generated for lowercase Roman numerals when using Japanese TTS.	NGVPL-20273
British English Cutting Pronunciation British English TTS (en_GB) cuts the digits 2 and 4 short if they are not the ending digit.	NGVPL-18409

Previously Reported Issues

Issue Description	Issue ID
Bluetooth Icon Blink Failure The A700x Bluetooth icon has a discoverable blink pattern. After a headset disconnection, that pattern flashes twice instead of once.	NGVPL-16958

Issue Description	Issue ID
Invalid Connection Status During Pairing During attempts to renew pairing between an A700x device and a Honeywell 8680i Wearable Scanner through VoiceConsole, the connection status on VoiceConsole changes to "Pending," but the scanner is connected. This only occurs when using the Connection Mode setting "Device listens for peripheral connection". Workaround: Reboot the device so the scanner disconnects and reconnects automatically. The connection status changes from "Pending" to "Connected".	NGVPL-16991
Bluetooth Scanner Disconnection A Bluetooth scanner disconnects from the A700x device when in range with other devices connected with their own scanners and headsets. This occurs when the PrinterPort parameter is set to bt_print but no printer is connected. Workaround: Let the scanner reconnect by itself or scan the device's Bluetooth MAC address again.	NGVPL-17111
Voice Selection Failure A700x devices switch from male speaker to female speaker when switching between languages even when the selected TTS supports a male speaker and the operator has the male speaker configured. Workaround: Reboot the A700x device.	NGVPL-17327
VoiceArtisan Operator Load Failure When an operator running TaskBuilder is associated with a headset and an operator running VoiceArtisan is loaded, the headset is not associated with the new operator. Workaround: Use the operator menu options to reload the operator running VoiceArtisan.	NGVPL-17331
Operator-Based EAP Connection A user cannot change operators when connected to the EAP network when operator-based EAP is configured. Workaround: Operator-Based EAP is not currently supported and will be deprecated in a future release.	NGVPL-17420

Issue Description	Issue ID
8680i Scanner is Not Removed From the Peripherals List When the BtScanClearPairingInCharger parameter is set to 1, the 8680i scanner is not removed from the peripherals list in VoiceConsole when the pairing has been cleared from the device's memory, and the status remains Disconnected. Workaround: Clear the pairing from VoiceConsole to remove the 8680i from the Peripherals list.	NGVPL-17558
Noise Heard When Aborting TTS A brief noise is heard when aborting Japanese TTS prompts.	NGVPL-17572
Error Creating Profile from Existing Profile When a profile is created from an existing profile, an error may be generated from the advanced parameters. Workaround: On the Advanced Settings tab, delete this parameter, or change: <pre>HKEY_LOCAL_MACHINE\Software\Vocollect\Imager\PDF417] micropdf417udsi=</pre> to <pre>HKEY_LOCAL_MACHINE\Software\Vocollect\Imager\PDF417] micropdf417udsi=0</pre>	
Unpairing Scanner Does Not Clear Pairing Information When the 8680i scanner is paired to the A700x using NFC, unpairing the scanner from Menu Options does not clear the pairing information shown in VoiceConsole.	
ODR Data Not Cleared The Force Full Profile option (Settings > Profile Load Type > Force Full Profile) in the Talkman Startup Tool returns a “Profile Not Changed, Versions Match” message when the same profile that the device is already loaded with is forced to the device. This behavior is the same as the A700. Unlike the A700, the A700x does not clear the ODR data when this option is used. Workaround: Clear the ODRs from flash since forcing the full profile load won't clear them.	

Issue Description	Issue ID
Prefixing Bar Code with Symbology ID Not Supported The A730x currently does not support prefixing the bar code data with a symbology ID.	
Possible Crash if Log Files Are Not Limited Honeywell recommends setting the maximum log file size and maximum number of log backup files to a reasonable value. This prevents log files from using too much flash space. For example: <pre>[HKEY_LOCAL_MACHINE\Vocollect\CONFIG_PARAMS\DIAG_FILE] "LoggingMaxBackupFiles"=dword:13 "LoggingMaxFileSize"=dword:500000</pre> If log files are not limited and consume all available flash space, the A700x may crash. The recovery for this situation is to reload the A700x.	
Presentation of Training Words Varies The webserver may not behave as expected when training words. The device speaks “please say the following words as they appear on the screen”. At some point during the training, the device may speak “please say the following words” and training words are spoken rather than appearing on screen. The device then speaks “please say the following words as they appear on the screen” and training words are again displayed on screen. This can happen multiple times during the training session.	
Excess Boot-up Time Boot-up time when out of network range may be longer than expected when compared to an A700 device. There may be up to a 45-second period from boot-up until the device speaks when out of range.	
WLAN is Disabled After Authentication Attempts The WLAN network is designed to be disabled after several failed authentication attempts. This is to prevent the network from falsely thinking it is under attack. The WLAN LED is solid amber. This should only happen in areas of poor WLAN coverage or if Bluetooth on device is continuously paging for a headset or peripheral. To re-enable the WLAN network, the device must be powered down and rebooted.	

Issue Description	Issue ID
WLAN and Bluetooth Unresponsive The radio (WLAN and Bluetooth) may lock up due to the radio firmware and the electrical interface. The radio driver attempts to detect this event and restarts the firmware, but this can occasionally cause both the WLAN and Bluetooth interfaces to become unresponsive (although the WLAN and Bluetooth LEDs may appear normal with slow flashing). The device must be powered down and rebooted to recover.	
Recognizer Switch Crash Repeated switches between the BlueStreak and PnG recognizers may result in low available memory which may crash the device.	NGVPL-3076
Invalid “Retrain Word” Option “Retrain Word” option is available when no template is trained in Client Mode.	NGVPL-12953
Automatic Change Credential EAP Change Credential Action Item does not process automatically. You need to press a button or remove it from the charger.	NGVPL-12960
Action Items Missing EAP – VoiceConsole - “Change Credentials” action items never appear after a A700x device is removed and reconnected from the View Device Page.	NGVPL-13006
EAP Switching Issue Switching EAP type places the A700x device in no network state.	NGVPL-13009
Duplicate VoiceConsole Messages Messages get duplicated in VoiceConsole when profile switching is done.	NGVPL-13029
Spanish and English Running a Task The A700x stops responding to commands spoken in Spanish—which is the active voice in the A700x—when the device restarts while the active task is the Client task. Once the device recovers from the restart, the user needs to speak the commands in English to be recognized – the active voice in the device is still Spanish. Workaround: Reload the task or operator.	NGVPL-13163

Issue Description	Issue ID
Noise Following Each Sentence When the A700x has an active voice that is (India) 12 (mr_IN), a “clicking” sound is heard after each sentence spoken.	NGVPL-13237
PnG (Italian) Memory All Flash memory is consumed when using Italian TTS in TaskBuilder 8.4. Workaround: If Italian is used, contact Honeywell Technical Support.	NGVPL-13257
Users Experience Delay There is a delay in the A700x response when there is a PnG (non US English) voice active and the user is running a Client task. The latency is present in the first nodes, and it can be up to 90 seconds. After passing those nodes, the latency is not noticeable, and the execution is fluent. In cases where NGVPL-13308 the user restarts the device or switches to another task and then goes back to the Client task, the latency in the first two nodes is present again. Workaround: There is a delay of 30 seconds which is expected. Please wait and check back.	NGVPL-13308
TTS Voices Error If the user is using a Client task with a PnG operator while es_MX is the active voice—and the user switches to the en_US voice using VoiceConsole—the A700x reboots while switching the voice. When the device recovers, it speaks in the English voice, and VoiceConsole displays the default voice as en_US, but there is no Active Voice or Resident Voice. If the user loads a new VoiceClient task—or reloads the operator—the A700x tries to reload the voice module. It’s displayed in the Last message section in VoiceConsole. Workaround: Reboot the Terminal.	NGVPL-13467
Task Loading Issue If the Supervisor Audio parameter is enabled, the A700x device may fail the task loading when switching from VoiceCatalyst to VoiceClient. Workaround: Remove the battery to restart the device and complete the loading.	NGVPL-14260

Issue Description	Issue ID
Device Stuttering Occurrences Device stuttering can occur with: VoiceCatalyst 4.5 and 4.6 SRX2/SRX3 headsets, especially when other Bluetooth peripherals are connected TaskBuilder and VoiceArtisan tasks BlueStreak and PnG recognizers 2.4Ghz and 5Ghz wireless networks All current A700x models NOTE Stuttering is more pronounced with TT-10x1 devices using 2.4GHz networks. Honeywell recommends a 5GHz wireless network when using Bluetooth peripherals. If these concurrences are noticed at all, they are typically at the beginning of the task execution (during the first prompts) and when the connection with the scanner is made. After that, stuttering rarely occurs	NGVPL-15409
Operator Asked to Retrain After walking out of the wireless network range, shutting down the device, and then returning to network range, a non-English PnG operator hears a prompt to train templates. Workaround: Reload the operator.	NGVPL-15430
Incorrect Phrase On an A700x device, following the start task and noise sample, the user hears "There is one more message". When the user says "continue." the same phrase is repeated rather than the expected phrase, "There are no more messages".	NGVPL-15496
Failure to Reconnect Scanner When the ProGlove Bluetooth Low Energy scanner disconnects from the A700x device, sometimes it is not possible to reconnect by scanning the QR code. Pairing it again from VoiceConsole is necessary. Workaround: Log on to VoiceConsole, clear the pairing, and pair the scanner again.	NGVPL-16229

Issue Description	Issue ID
PnG Trainability Issue In some circumstances with PnG, retraining words might cause poor recognition accuracy.	NGVPL-16439
Utterance Verification Issues A speech recognition training utterance with a duration of ten seconds or less is accepted.	NGVPL-16564
Headset Message in a Freezer Environment The SRX2/SRX3 headset sometimes displays "Headset Maintenance is Needed" when used in a freezer environment. Contact your support representative for more information. Only return the headset to Honeywell at the direction of Customer Support.	YETI-3

Out of the Box

The VoiceCatalyst 4.8 electronic software distribution contains the following:

- A700x firmware VOS files
- Talkman Startup Tool v1.0.6
- A700x USB driver
- Vocollect RapidStart Training Application

NOTE

Product documentation is now hosted online at <https://help.honeywellaidc.com>. It is not included in the electronic software distribution.

Upgrading VoiceConsole

In *all* versions prior to **VoiceConsole 5.4**, review previous release notes for information on supporting the A700x, or contact Honeywell Technical Support.

A license file that supports A700x is required. Licensing varies by VoiceConsole version. Refer to [VoiceConsole online help](#) or [customer support](#).

Serial Loading Configuration to the A700x Series

1. Create a profile in VoiceConsole with appropriate network settings and the VOS file for the A700x in the electronic software distribution.
2. Insert a charged battery into the A700x. It is not necessary to turn the A700x on at this time.

3. Use the [Talkman Startup Tool](#) to configure the new A700x. Details on using the tool are included later in this document.
4. A standard off-the-shelf Micro-USB cable (not provided) is required to connect the A700x to a computer.

A700x USB Driver

- If the A700 USB driver is already installed, it can be used with the A700x.
- If no driver is currently installed, and the PC is configured to search for drivers online, the driver automatically installs, and the A700x is ready to use.
- The driver can be installed from electronic software distribution. Instructions for installing the driver are included.

Customer Experience

- Use the [Talkman Startup Tool](#) to load profiles. Talkman Startup Tool is integrated and launches when **Load selected profile with cable** is selected.
- Customers can use the same [device configuration files](#) on both A700 and A700x series devices.
- TouchConfig has the following limitations because VoiceCatalyst 4.0.3 encrypts the *config.vrg* file:
 - Incompatible protocols prevent an A700x with VoiceCatalyst 4.0.3 or later from transferring the *config.vrg* file either to or from an A700.
- The SSID must be broadcast if using Dynamic Frequency Selection (DFS) channels in the 5 GHz radio frequency (RF) band.
- Honeywell recommends creating a channel list when setting up the profile in VoiceConsole. Without a channel list, the radio scans all channels. With a channel list, the radio only scans the listed channels which improves performance, reduces interference, and reduces latency. This advice is applicable to all Honeywell Voice devices (A700x, A700, A500).
- If the LED turns solid red during a profile load, remove and reinstall the battery, and place the A700x back in the charger. This should allow the profile load to recover.
- The A700x series devices run with a [newer version of Python](#) – which, in some cases, will require VAD updates. Honeywell recommends that customers verify the functionality of their VADs on A700x series devices prior to putting the devices into production.
- TaskBuilder tasks that use FTP will require updates because the A700x does not support FTP.
- Not all Bluetooth peripherals are supported at this time. Please visit <https://help.honeywellaidc.com/peripherals.html> for a list of all currently compatible peripherals.
- Ensure that Bluetooth peripherals have properly charged batteries. When a peripheral battery has a low charge, it is possible that the peripheral may not stay connected. This advice applies to all Honeywell Voice A700x and A700 devices.
- The user can not modify the Bluetooth Discoverable property from VoiceConsole for the A700x.
- Customers using SR20 (or other wired headsets) may experience output audio stuttering or stammering. This is more common if the TTS speed is set to near or at the highest speed possible. If stuttering occurs, set the TTS speed to a lower level. Honeywell recommends that users of wired headsets allow the Honeywell Voice device to power on before donning the headset and to remove the headset before powering off the device. There may be a popping noise as the device powers on or off and task settings (audio_shift_db) may make the popping noise more prominent. This advice applies to all Honeywell Voice devices (A700x, A700, A500).
- Customers that use the Automatic Voice Load By Operator feature must be aware of the following limitations:

- If the operator switches between similar devices (for example, only between A700x series devices), the operator's preferred voice loads when the operator's headset is connected to the device.
- If VoiceConsole 5.2 or later is used and the appropriate ECS is installed: Automatic Voice Load By Operator works as expected when switching between device types.
- If using an earlier version of Voice Console or version 5.2 without the ECS: If the operator switches between device types (from an A700 to an A700x, or vice versa), the voice associated with the loaded operator fails to load. No notification is provided to the operator that the voice load has failed after the headset is attached. The device continues to use the original voice that was loaded. TouchConnect pairing is recommended for the SRX2, SRX3, and SRX-SL headsets because it is faster and reduces shift start-up time.
- The following A700 functionality is not yet available for the A700x series devices:
 - Sidetone
- The following A700 functionality has been deprecated for the A700x series devices:
 - LEAP with Dynamic WEP.
 - Operator-Based EAP.
 - FTP.
 - Pidion (display) - Honeywell recommends using a standard browser in a tablet such as an iPad®.
 - Telnet.
 - VoiceArtisan's VoiceCatalyst on device.
 - Windows Code Pages - UTF-8 encoding must be used for non-ASCII characters (such as characters with accents or other diacritics).
 - Wireless network printing.

Supported Environments

Component	Minimum / Required Version
Platform	HLP-91.0 or later.
Brazil Only Platform	HLP-91.1 or later.
Platform SDK	HLP-91.0 or later.
VoiceConsole	On Prem deployment: 5.6.3 or later / 6.2.1 or later. SaaS or Hybrid deployment: 6.2.1 or later. Refer to VoiceConsole help for licensing details.
GWS App	4.0 or later.
DevKit	Minimum required version 2.1 / 2.3 or later.
Operational Intelligence	VoiceConsole 6.3 or later is required to support Operational Intelligence in an On Prem or Hybrid deployment. VoiceConsole 6.2.1 or later is required to support Operational Intelligence in a SaaS deployment.
TaskBuilder Tasks	All versions are supported.
VoiceArtisan Voice Applications	Some tasks may require modification due to changes in Python from 3.1.2 to 3.7.13
VoiceArtisan / VCE	All Versions / 1.1 or later - see VoiceArtisan Voice Applications for possible modifications to current tasks.
VoiceCheck	1.11 or later.
VoiceLink	5.2 or later.
Honeywell Voice for Manhattan Active	5.3 or later.

Component	Minimum / Required Version
SRX2 Firmware	Tested with firmware version 3.12
SRX-SL Firmware	Tested with firmware version 5.13
SRX3 Firmware	Tested with firmware version 6.09
Peripherals Supported	Visit https://help.honeywellaidc.com/peripherals.html for a complete list of peripherals tested with the A700x and instructions for using peripherals.

Talkman Startup Tool

TIP

In VoiceConsole the user can access the Talkman Startup Tool by selecting **Load selected profile with cable**.

Use the Talkman Startup Tool to load profiles to new devices.

Steps outlined in this section assume that the user has applied the specified patches to VoiceConsole and created an appropriate profile for the A700x in VoiceConsole.

1. Copy the Talkman Startup Tool folder from the electronic software distribution to your computer.
2. Click on the exe file to launch the Talkman Startup Tool.
3. Enter the server address of the VoiceConsole server.
4. Enter the username and password for VoiceConsole. The Talkman Startup Tool reads the sites and profiles from VoiceConsole, but does not store the VoiceConsole password.
5. Ensure the correct site is selected from the list in the upper left of the screen.
6. The A700x must be off. Connect the device to the computer using a standard Micro-USB cable. The USB cable connects to the A700x maintenance port. This port is located under the flap on the side of the A700x next to the **Play/Pause** button.
If the A700x powers on when connecting the USB cable, remove the cable and power the A700x off. Then press and hold the operator button while reconnecting the USB cable.
7. Press and hold the **Operator** button on the device.
8. Press and release the **Play/Pause** button.
9. When the device's LED turns solid green, release the **Operator** button.
10. When the device is recognized, the device serial number and device image are displayed.
11. Open the **Settings** menu and select the profile load type. The VoiceConsole Settings will be populated with what was entered when opening the utility.
12. Select the profile to load. Information about the selected profile is displayed.
13. Click **Begin Profile Load**.
If the device type does not match the profile, an error message is displayed and the **Begin Profile Load** button is not active.
14. The number of voice components to load appears.

15. Click **Start**.
The progress of the component loading is displayed.
16. When complete, the device reboots. The user should follow the instructions and place the device in the charger to complete the profile load.

Operating System

The A700x features a Linux operating system.

When viewing the device config file, the parameters are formatted like the following example.

```
[HKEY_CURRENT_USER\Comm\WZCTOOL]
"SSID"="network123"
"key"="Abcdef1234567890aBcdeF"
"encryption"=dword:4
"authentication"=dword:4
```

The config file format is unchanged from the A700 devices. While the entry appears in the same format as a Windows registry entry, the config file is parsed to apply the parameters to the Linux-based A700x.

VoiceArtisan Voice Applications

The A700x can run task packages created with any version of Voice Catalyst Emulator (VCE) and VoiceArtisan version 1.1 and above.

Python

Since Honeywell has upgraded the Python version in A700x to 3.7.13, it is possible that the VAD may have been created using a Python construct that may not be compatible with the A700x and requires rework. The following are some examples that may require rework prior to a VAD being able to be run on an A700x device.

NOTE

When making changes, it is best to make the changes so that the VAD would be compatible with both the A700x and A700 devices for mixed site deployments.

- Use of Windows-specific constructs, such as file system path separators (using “\” instead of join) when specifying system paths. The change required for this is to rework the task so that instead of using a hard-coded path separator (“\”) use the Python join API. This issue exists in previously released versions of the Honeywell VoiceLink application and can be resolved by updating VoiceLink. Contact [customer support](#) for update information.
- Python 3.7.13 creates an error if a task defines the same LUT more than one time; whereas with Python 3.1, this was not enforced. The resolution for this is to remove the duplicate LUT from the task. This issue exists in previously released versions of the Honeywell VoiceLink application and can be resolved by updating it. Contact [customer support](#) for update information.

IMPORTANT

Duplicate LUTs must be removed for VoiceCatalyst 4.0.3 and later. Earlier versions of VoiceCatalyst 4.x may not have caused an error for these duplicates.

- *ElementTree.Element.getiterator*: (in `_elementtree._element_iterator` as `_elementtree.pyd`) - deprecated, iter no longer supports `len`.
 1. Not proper usage in Python 3.1.2 either - can use `list(response.iter("record"))` or `list(response.getiterator("record"))`
 2. Used in `LUT/ODR MockServer.load_server_response`. Not used in LUT/ODR unit tests, but included in the `VoiceLink test.py`
- *urllib.request*: previously supported bytes and string, now only bytes (or file-like objects, or iterables), but 3.2+ `urllib.request` now supports HTTPS, so `pycurl`-only SSL is not necessary but have both `urllib.request` and `pycurl` anyway
- *zipfile.ZipFile.open*: removed support of `mode='U'` (used in `mock_catalyst._open_vad_file` (from `load_task_configuration_from_vad`))

Forward Moving Considerations

- *time.clock()*: Deprecated since 3.3, and removed in Python 3.8.
- *array.array*: typecode "u" for Unicode Strings is to be removed in Python 4.0.
 - `tostring` / `fromstring` are deprecated with no announced removal
- `__pycache__` directory with interpreter name vs. littering current directory with `.pyc` files (source control, not functional)

NOTE

Project Context Menu > Pydev > Remove *.pyc, *.pyo and *\$py.class files do not remove `__pycache__` directory (but does remove the contents).

Voice Application Compatibility Tool (VACT)

This tool is available to check VADs for Python constructs that may need rework for the A700x. This tool works by examining the voice application based on a list of rules, many of which are based on the preceding items. Contact [customer support](#) for tool availability.

New Peripherals Tested with A700x

NOTE

The following peripherals were tested with the A700x using the latest VoiceCatalyst release for each device type. Discuss additional solutions with Product Management, Sales, and Tech Support to determine if any unlisted peripherals may work with the A700x solution or may be considered for inclusion in future releases.

Bluetooth Peripherals

Pairing Bluetooth peripherals is most reliable when pairing via VoiceConsole. Honeywell recommends taking available precautions for secure Bluetooth communications. For example, you can set personal identification number (PIN) codes on individual devices or require that Bluetooth pairing only occur in physically secure areas. Manual pairing of peripherals is possible in some instances (more likely if the

device and peripheral are close together), but may take several attempts. Peripheral-specific information is included below.

Bluetooth Printers

Honeywell LNX3 Mobile Printer

Refer to the [LNX Series User Guide](#) for additional information and configuration bar codes.

A700x Device as Initiator

TIP

When pairing a Talkman device with a printer, the Talkman device is the initiator (or may also be referred to as the host). The Talkman device initiates the connection to the printer and, if disconnected, the Talkman device manages the reconnection. The printer is the acceptor. This may also be referred to as VoiceConsole pairing.

Configure the LNX3 Printer

1. With the printer on, press any button to activate the display.
2. Press the left button to open the display menu.
3. Use the left and or right buttons to navigate to the desired menu.
4. Press the  button to select the menu option.
5. Select  **Print Settings**.
6. Set **Command Set** to Autosense.

Configure Task and VoiceConsole

1. Set the following advanced parameter in Task config: **printerport** = bt_print
2. Turn on Bluetooth on the A700x device.
3. View the properties of the A700x device and ensure Bluetooth is enabled. If it is not enabled, click **Edit this device** and set **Bluetooth Enabled** to "enabled".
4. Select **Pair this device with a peripheral**.
5. For **Pairing type** select "Bluetooth Printer".
6. For **Connection Mode** select "Device initiates connection with peripheral".
7. In the **Bluetooth Address** field enter the Bluetooth MAC address of the printer. This 12-character ID is found:
 - From the LNX3 display under **Bluetooth**
 - The Bluetooth MAC address may also be displayed on the device label.
8. If using security:

- For **Security** select "Enabled"
- The default key for LNX3 is "000000"
- The printer Pin code can be found by printing a self test page

9. Click **Pair with peripheral** to initiate pairing.

Honeywell MPD31D Mobile Label Printer

Refer to the documentation delivered with your MPD31D Mobile Label Printer for configuration information.

NOTE

The MPD31D is a direct replacement for the earlier obsolete model MPD31.

A700x Device as Initiator

TIP

When pairing a Talkman device with a printer, the Talkman device is the initiator (or may also be referred to as the host). The Talkman device initiates the connection to the printer and, if disconnected, the Talkman device manages the reconnection. The printer is the acceptor. This may also be referred to as VoiceConsole pairing.

Configure Task and VoiceConsole

1. Set the following advanced parameter in Task config: **printerport** = bt_print
2. Turn on Bluetooth on the A700x device.
3. View the properties of the A700x device and ensure Bluetooth is enabled. If it is not enabled, click **Edit this device** and set **Bluetooth Enabled** to "enabled".
4. Select **Pair this device with a peripheral**.
5. For **Pairing type** select "Bluetooth Printer".
6. For **Connection Mode** select "Device initiates connection with peripheral".
7. In the **Bluetooth Address** field enter the Bluetooth MAC address of the printer. This 12-character ID is found:
 - From the MPD31D display under **Bluetooth**
 - The Bluetooth MAC address may also be displayed on the device label.
8. If using security:
 - For **Security** select "Enabled"
 - The default key for the MPD31D is "0000"
9. Click **Pair with peripheral** to initiate pairing.

Zebra ZQ620 Plus Printer

A700x Device as Initiator

TIP

When pairing a Talkman device with a printer, the Talkman device is the initiator (or may also be referred to as the host). The Talkman device initiates the connection to the printer and, if disconnected, the Talkman device manages the reconnection. The printer is the acceptor. This may also be referred to as VoiceConsole pairing.

Configure the ZQ620 Plus Mobile Printer

1. Download the Zebra Setup Utilities from this link: <https://www.zebra.com/us/en/support-downloads/software/printer-software/printer-setup-utilities.html>
2. Configure the printer using the instructional resource above.

Configure Task and VoiceConsole

1. Set the following advanced parameter in Task config: **printerport** = bt_print
2. Turn on Bluetooth on the A700x device.
3. View the properties of the A700x device and ensure Bluetooth is enabled. If it is not enabled, click **Edit this device** and set **Bluetooth Enabled** to "enabled".
4. Select **Pair this device with a peripheral**.
5. For **Pairing type** select "Bluetooth Printer".
6. For **Connection Mode** select "Device initiates connection with peripheral".
7. In the **Bluetooth Address** field enter the Bluetooth MAC address of the printer. This 12-character ID is found:
 - From the ZQ620 Plus display under **Bluetooth settings**
8. If using security:
 - For **Security** select "Enabled"
 - For **Security Key** enter the key entered when enabling authentication for the Printer in PrintSet 5.
9. Click **Pair with peripheral** to initiate pairing.

Zebra ZQ630 Plus Printer

A700x Device as Initiator

TIP

When pairing a Talkman device with a printer, the Talkman device is the initiator (or may also be referred to as the host). The Talkman device initiates the connection to the printer and, if disconnected, the Talkman device manages the reconnection. The printer is the acceptor. This may

also be referred to as VoiceConsole pairing.

Configure the ZQ630 Plus Mobile Printer

1. Download the Zebra Setup Utilities from this link: <https://www.zebra.com/us/en/support-downloads/software/printer-software/printer-setup-utilities.html>
2. Configure the printer using the instructional resource above.

Configure Task and VoiceConsole

1. Set the following advanced parameter in Task config: **printerport** = bt_print
2. Turn on Bluetooth on the A700x device.
3. View the properties of the A700x device and ensure Bluetooth is enabled. If it is not enabled, click **Edit this device** and set **Bluetooth Enabled** to "enabled".
4. Select **Pair this device with a peripheral**.
5. For **Pairing type** select "Bluetooth Printer".
6. For **Connection Mode** select "Device initiates connection with peripheral".
7. In the **Bluetooth Address** field enter the Bluetooth MAC address of the printer. This 12-character ID is found:
 - From the ZQ630 Plus display under **Bluetooth settings**
8. If using security:
 - For **Security** select "Enabled"
 - For **Security Key** enter the key entered when enabling authentication for the Printer in PrintSet 5.
 - The default key for the ZQ630 Plus is "1234".
9. Click **Pair with peripheral** to initiate pairing.

Bluetooth Scanners

Honeywell Granit XP 1991iXLR Scanner

Refer to the [1991iXLR product page at automation.honeywell.com](https://automation.honeywell.com) for additional information including a User Guide. Registration may be required to access product documentation.

NOTE

The process below connects the peripheral using the Default profile. To use the Master profile, set the following:

```
[HKEY_LOCAL_MACHINE\Software\Vocollect\NetworkD\RadioSettings]
```

```
TerminalRoleSRX=master
```

```
TerminalRoleOther=master
```

NOTE

A700x Device as Initiator is not supported with this peripheral.

Scanner as Initiator

In this method, the scanner initiates the connection and the A700x device acts as the acceptor.

This method is supported on A700x devices.

The scanner must be set to **Scanner Reconnect Mode** (the scanner continuously attempts to connect to the voice device, and if disconnected the scanner manages the reconnection).

1. Restore factory defaults by scanning the **Remove Custom Defaults** and **Activate Defaults** barcodes below.



2. Scan the **Scanner Reconnect Mode** barcode below.



3. Scan the barcode below to add a carriage return and line feed as termination characters.



4. For scan-based pairing, create a pairing barcode for each A700x device. The barcode begins with {FNC3}LnkB followed by the 12-digit Bluetooth MAC address for the A700x device:



Additional information:

- The Xenon/Granit User Guide contains barcodes to set other combinations of termination characters. To add a different termination suffix, scan the SUFBK2 (**Add Suffix**) barcode, then scan the barcodes for the desired suffix.
- Use the Bluetooth Disconnect barcode below to unlink the scanner from the A700x device.



Configure Task and VoiceConsole

1. Set the following advanced parameter in Task config: **barcodeport** = bt_scan
2. Turn on Bluetooth on the A700x device.
3. View the properties of the device and ensure Bluetooth is enabled. If it is not enabled, click **Edit this device** and set **Bluetooth Enabled** to "enabled".
4. Select **Pair this device with a peripheral**.
5. For **Pairing type** select "Bluetooth Scanner".
6. For **Connection Mode** select "Device listens for peripheral connection".
7. Set **Security** to "Enabled" or "Disabled" as desired.
8. Scan the LnkB barcode created above to initiate pairing.
9. The scanner indicates a successful connection with the following indicator:
 - The LED on the scanner flashes green and a beep is sounded.

Zebra RS6100 Scanner

Scanner as Initiator

In this method, the scanner initiates the connection and the A700x device acts as the acceptor.

NOTE

The process below connects the peripheral using the Default profile. To use the Master profile, set the following:

```
[HKEY_LOCAL_MACHINE\Software\Vocollect\NetworkD\RadioSettings]
```

```
TerminalRoleSRX=master
```

```
TerminalRoleOther=master
```

Configure the RS6100 Scanner

1. Download and install the following on your PC from the Zebra website:
 - Zebra 123Scan: <https://www.zebra.com/us/en/software/scanner-software/123scan.html>
 - Zebra PC Tool: <https://www.zebra.com/us/en/support-downloads/software/utilities/pc-tool.html>
2. Perform a clean boot for the scanner:
 - Remove the battery.
 - Press and hold the **Restore** key.
 - Insert the battery into the scanner while continuing to hold the **Restore** key.
 - After approximately 5 seconds a chirp is heard and the scan LEDs flash green. This signals the RS6100 is set to the default factory configuration.
3. Connect the RS6100 scanner to the PC with 123Scan installed using the USB cable.
4. Start the 123Scan utility.
 - Select **Create new configuration file**.
 - Select **My scanner is connected via USB cable**.
 - Select your scanner from the list.
 - Provide a name for the configuration file.
 - Click on **Modify Data**.
 - Select **Append an enter key**.
 - Click **Done** and **Load to scanner**.
5. Scan the SPP (Serial Port Profile) Bluetooth Classic (Discoverable) Barcode from the *Zebra RS6100 Product Reference Guide*.
6. Remove and reinstall the RS6100 battery.
7. The scanner reboots and is discoverable as a Bluetooth device.
8. Open the **PC Tool** application.
9. Click the **Show Bluetooth Address barcode** button.
10. Enter the Bluetooth address of the A700x device.
11. Click the **Generate** button.
12. Scan the barcode with the RS6100.

Configure Task and VoiceConsole

1. Set the following advanced parameter in Task config: **printerport** = bt_print
2. Turn on Bluetooth on the A700x device.

3. View the properties of the A700x device and ensure Bluetooth is enabled. If it is not enabled, click **Edit this device** and set **Bluetooth Enabled** to "enabled".
4. Select **Pair this device with a peripheral**.
5. For **Pairing type** select "Bluetooth Scanner".
6. For **Connection Mode** select "Device listens for peripheral connection".
7. Set **Security** to "Enabled" or "Disabled" as desired.
8. If security is enabled, enter the security key as "12345" or a custom PIN if set.
9. Click **Pair with peripheral** to initiate pairing.

Language Support

Pitch is adjustable for all languages.

Language	TTS (Speech out)		PnG Recognizer (Speech in)	
	Voice Name	Gender	Supported	languageTag
American English	English (United States) 12	Male/Female	Yes	en_US
Arabic	Arabic (WW) 12	Male/Female	Yes	ar_ww
Arabic	Arabic (United Arab Emirates) 12	Female	Yes	ar_AE
Australian English	English (Australia) 12	Male/Female	Yes	en_AU
Bangla	Bangla (India) 12	Female	No	
Belgian Dutch	Dutch (Belgium) 12	Female	Yes	n_BE
Brazilian Portuguese	Portuguese (Brazil) 12	Male/Female	Yes	pt_BR

Language	TTS (Speech out)		PnG Recognizer (Speech in)	
	Voice Name	Gender	Supported	languageTag
British English	English (United Kingdom) 12	Male/Female	Yes	en_GB
Bulgarian	Bulgarian (Bulgaria) 12	Female	Yes	bg_BG
Canadian French	French (Canada) 12	Male/Female	Yes	fr_CA
Chinese-Cantonese (Hong Kong)	Chinese (Hong Kong) 12	Female	Yes	zh_HK
Chinese-Mandarin (China)	Chinese (China) 12	Male/Female	Yes	zh_CN
Chinese-Mandarin (Taiwan)	Chinese (Taiwan) 12	Female	Yes	zh_TW
Chinese-Sichuanese (China)	Chinese Sichuanese (China) 12	Female	Yes	sz_CN
Croatian *	Croatian (Croatia) 17	Male	No	
Czech	Czech (Czechia) 12	Female	Yes	cs_CZ
Danish	Danish (Denmark) 12	Male/Female	Yes	da_DK
Finnish	Finnish (Finland) 12	Male/Female	Yes	fi_FI

Language	TTS (Speech out)		PnG Recognizer (Speech in)	
	Voice Name	Gender	Supported	languageTag
French	French (France) 12	Male/Female	Yes	fr_FR
German	German (Germany) 12	Male/Female	Yes	de_DE
Greek	Greek (Greece) 12	Male/Female	Yes	el_GR
Hebrew	Hebrew (Israel) 12	Female	Yes	he_IL
Hindi	Hindi (India) 12	Male/Female	No	
Hungarian	Hungarian (Hungary) 12	Female	Yes	hu_HU
Indian English	English (India) 12	Male/Female	Yes	en_IN
Indonesian	Indonesian (Indonesia) 12	Female	Yes	id_ID
Italian	Italian (Italy) 12	Male/Female	Yes	it_IT
Japanese	Japanese (Japan) 19	Male/Female	Yes	ja_JP
Kannada	Kannada (India) 12	Female	No	
Korean	Korean (South Korean) 12	Male/Female	Yes	ko_KR
Latin American Spanish	Spanish (Mexico) 12	Male/Female	Yes	es_MX
Malay	Malay (Malaysia) 12	Female	Yes	ms_MY

Language	TTS (Speech out)		PnG Recognizer (Speech in)	
	Voice Name	Gender	Supported	languageTag
Marathi	Marathi (India) 12	Female	No	
Netherlands Dutch	Dutch (Netherlands) 12	Male/Female	Yes	nL_NL
Norwegian	Norwegian (Norway) 12	Male/Female	Yes	no_NO
Persian	Persian (Iran) 12	Male	Yes	fa_IR
Polish	Polish (Poland) 12	Male/Female	Yes	pL_PL
Portuguese	Portuguese (Portugal) 12	Male/Female	Yes	pt_PT
Romanian	Romanian (Romania) 12	Female	No	
Russian	Russian (Russia) 12	Male/Female	Yes	ru_RU
Serbian *	Serbian (Serbia) 17	Male	No	
Slovak	Slovak (Slovakia) 12	Female	Yes	sk_SK
Slovenian *	Slovenian (Slovenia) 16 Slovenian (Slovenia) 18	Male Male	No	
Spanish	Spanish (Spain) 12	Male/Female	Yes	es_ES

Language	TTS (Speech out)		PnG Recognizer (Speech in)	
	Voice Name	Gender	Supported	languageTag
Swedish	Swedish (Sweden) 12	Male/Female	Yes	sv_SE
Tamil	Tamil (India) 12	Female	No	
Telugu	Telugu (India) 12	Female	No	
Thai	Thai (Thailand) 12	Female	Yes	th_TH
Turkish	Turkish (Turkey) 12	Male/Female	Yes	tr_TR
Ukrainian	Ukrainian (Ukraine) 12	Female	No	
Vietnamese	Vietnamese (Vietnam) 12	Female	No	

* You must contact [Honeywell Customer Support](#) to obtain these TTSs.

Getting Help

To report Voice system support incidents or related technical issues, contact the Honeywell Technical Support Center at:

Technical Support Email: voicetechnicalsupport@honeywell.com

Technical Support Phone (US): +1 866 862 7877

Technical Support Phone (Rest of the World): +1 412 376 9384

Technical Support Phone (EMEA): +44 (0) 1344 65 6123

For assistance with all other matters, contact your Honeywell Licensed Reseller or Honeywell directly at <https://automation.honeywell.com>.

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Web Address: <https://automation.honeywell.com>

Patents

For patent information, please refer to www.hsmpats.com.

Third Party Software

The information for software packages included in this version of VoiceCatalyst is located at <https://help.honeywellaidc.com/Content/ThirdPartyLicenseAgreements.htm>.