# APX New Feature Brief

## SR2025.3 Feature Release

Updated January 2026

The 2025.3 feature release introduces new features and capabilities to our APX radios, including: SmartVideo, enhancements to SmartMessaging, configurable Voice Announcement replays attempts, ViQi updates, SVX video tagging enhancements and expanded RadioCentral compatibility to include APX N50/N30, standard APX portables and most APX mobile radios.

**Note:** Options listed in the requirements under each feature must be added to the initial radio order or added later in the field via Flashport.

| Table of Contents | |
|---|---|

To learn more about the features within this release, visit our **SR2025.3 Subscriber Release Training Course**.

# APX™ Standard & N50/N30 Subscribers

## A.1 Firmware Version

**R38.02.00**

## A.2 Supported Platforms

The following APX Standard radio models are compatible with this latest firmware feature release.

+ APX 900
+ APX 1000
+ APX 1000i
+ APX 1500
+ APX 2000
+ APX 2500
+ APX 3000
+ APX 4000
+ APX 4000 Li

+ APX 4000 XH
+ APX 4500 Li
+ APX 6000 BN
+ APX 6500 Li
+ APX 8000
+ APX 8000 H
+ APX 8000 XE
+ APX 8000 HXE
+ APX 8500

+ APX 8500 MP
+ APX N30
+ APX N50
+ ATS 2500p
+ SRX 2200 BN
+ TXM 2000
+ TXM 3000
+ VX-P94

## A.3 New Features

The following radio features are supported by **all APX Standard models** for this latest firmware release.

### A.3.1 Configurable Replay Attempts for Interrupted Voice Announcements

Users can now specify the exact number of replay attempts for Voice Announcements (VAs) that are disrupted by radio events such as received audio, higher priority tones, or other VAs

### A.3.2 Configure Emergency Behavior Per Emergency Profile

We have introduced the ability to configure certain emergency settings per Emergency Profile which provides the flexibility to customize the behavior for both silent and non-silent emergency configurations on each profile.

### A.3.3 Inclusive Language Transition: "Man Down" to "Fall Alert"

In our continued effort to eliminate non-inclusive language, instances of the phrase "Man Down" have been replaced with the internationalized equivalent of "Fall Alert" for all non-US English languages.

# APX™ NEXT & N70 Subscribers

## B.1 Firmware Version

**R38.04.00**

## B.2 Supported Platforms

The following APX NEXT and APX N70 radio models are compatible with this latest firmware feature release.

+ APX NEXT
+ APX NEXTi
+ APX NEXT XE
+ APX NEXT XN

+ APX N70 7/800
+ APX N70 XE 7/800
+ APX N70 UHF
+ APX N70 VHF

## B.3 New Features

The following are the latest radio features being introduced in this feature release for **APX NEXT** and/or **APX N70** subscribers where specified.

### B.3.1 SmartVideo Application Service

The SVX Video Remote Speaker Mic (VRSM) can now leverage the radio's broadband (LTE) capabilities to enable two new key functions on APX NEXT:

- Live streaming video recordings in CommandCentral Aware
- Facilitating the priority upload of critical videos to CommandCentral DEMS

**Requires** an SVX VRSM and a SmartVideo subscription. CommandCentral DEMS is used for video storage and CommandCentral AWARE for live streaming.

**Note:** This feature will be available for APX NEXT (H55TGT9PW8BN) T-Mobile Certified and APX N70 with the 2025.3 MR release.

### B.3.2 Expanded Language Support for ViQi Voice Control

ViQi: Voice Control now offers expanded language support on all existing voice commands for the following languages:

- English (Australia)
- French (Canada)
- Portuguese (Brazil)
- Spanish (Mexico, Argentina, Colombia, and Chile)

**Requires** that ViQi: Voice Control (QA09028) be enabled and that the Radio Display Language be configured to the desired voice command language in the radio's codeplug. If using the Bluetooth Pairing voice commands please ensure that Bluetooth (QA00583) is also enabled.

### B.3.3 Configurable Replay Attempts for Interrupted Voice Announcements

Users can now specify the exact number of replay attempts for Voice Announcements (VAs) that are disrupted by radio events such as received audio, higher priority tones, or other VAs

| **B.3.4** | **SmartMessaging 2.0** |

We have introduced SmartMessaging 2.0, a successor to the former SmartMessaging platform which enhances public safety communications and offers a convenient way to share texts, voice notes, images, and videos between devices and from the CommandCentral Messaging web client.

SmartMessaging 2.0 offers the following enhanced capabilities:

| | |
|---|---|
| **NEW HOME WIDGET** | A new home screen widget provides quick access to the latest messages. |
| **MULTIPLE CONVERSATION OPTIONS** | • Direct Message (1-on-1)<br>• Group Message (up to 50 participants)<br>• Named or Incident-Based Channels (up to 5,000 participants)<br>• Broadcast Channels (up to 20,000 participants) |
| **CONVERSATION SEARCH** | Conveniently search messages by the sender's name or unit ID, or the message content. |
| **MANAGE GROUPS & MESSAGES** | Add participants to an existing group, forward or delete messages, and review chat activity history. |
| **UNREAD MESSAGE COUNTER** | When a user scrolls up in the conversation, an unread message counter will notify them of incoming messages. |
| **LARGE ATTACHMENT SUPPORT** | Share files up to 250MB. The following file types are supported: PDF (non-encrypted), MP3, AAC, M4A, BMP, PNG, GIF, JPEG, MPEG, and MP4. |
| **LANDSCAPE MODE SUPPORT** | Rotate the device to view conversation messages and multimedia in landscape view. |
| **APX™ N70 KEYBOARD SUPPORT** | APX N70 devices now offer support for direct message creation and searching via keyboard input. |
| **SMARTINCIDENT INTEGRATION** | Seamlessly connect SmartIncident CAD comments and Incident-Based Channel messages. |
| **MOBILE MULTIMEDIA SHARING** | Access and share multimedia from your smartphone browser. |
| **CONTINUOUS INBOX** | With CommandCentral users can log in via single sign-on (SSO) at chat.commandcentral.com, ensuring that the message inbox will be synced across multiple devices.<br><br>Note: When using the "Device Certificate" Authentication Type, the SSO email must be uploaded during CC Admin setup. |

**Requires** a SmartMessaging subscription. SmartMessaging 2.0 must also be enabled in the codeplug to make use of these features.

**Note:** Current subscribers of the SmartMessaging platform will be switched over to the new SmartMessaging 2.0 service to coincide with updating to this current firmware release.

**B.3.5**       Video Tagging Enhancements for the SVX VRSM

**B.3.5.1**   SVX VRSM Category Tags Displayed on Radio

Users can view all SVX Video Remote Speaker Mic (VRSM) category tags associated with the Tag Video and Video Tag Change voice commands either from the radio's Help: Voice Command Guide in System Settings or by issuing the new voice command: *What can I say?*

**Requires** an SVX VRSM and that ViQi Voice Control be enabled in the radio's codeplug.

**Note:** For more information regarding supported voice commands, please review the ViQi Voice Control fact sheet.

**B.3.5.2**   Automatic Assignment of Incident ID for Uploaded Videos

The PremierOne Computer-Aided Dispatch (CAD) now provides direct Incident ID and Unit ID information to CommandCentral DEMS. This integration allows CommandCentral DEMS to automatically tag recorded video footage with the corresponding Incident ID upon receipt.

**Requires** an SVX VRSM and a PremierOne CAD (for Incident ID association).

**Note:** The manual method for adding an Incident ID remains an option if PremierOne CAD hardware is unavailable.

**B.3.6**       Configure Emergency Behavior per Emergency Profile

We have introduced the ability to configure certain emergency settings per Emergency Profile which provides the flexibility to customize the behavior for both silent and non-silent emergency configurations on each profile.

**B.3.7**       Voice Amplifier Menu Item

The Voice Amplifier functionality, which was previously only programmable to the radio's physical hardware buttons, can now be programmed to the radio's menu.

**Note:** This feature is designed exclusively for use with Bluetooth mask devices (e.g. 3M Scott Safety SCBA). Using it with other Bluetooth accessories may lead to audio feedback or undesirable outcomes.

**B.3.8**       Prevent Pairing of Incompatible Bluetooth Accessories

We have made improvements to Bluetooth accessory pairing to prevent incompatible devices from connecting to the radio. In the case that an incompatible Bluetooth device is detected after it has been paired, it will be automatically removed from the pairing list, and the user will be notified of its incompatibility..

**B.3.9**      **Update to Notification Behavior**

To minimize clutter in the Notification Center, users may now choose to dismiss notifications which were previously not dismissible, including:

- Low Battery
- Battery Protect Mode
- Storage Almost Full
- No Valid SIM Card
- Download Voice Control Files

**B.3.10**      **Inclusive Language Transition: "Man Down" to "Fall Alert"**

In our continued effort to eliminate non-inclusive language, instances of the phrase "Man Down" have been replaced with the internationalized equivalent of "Fall Alert" for all non-US English languages.

**B.3.11**      **ViQi Translate**

SVX Video Remote Speaker Microphone (VRSM) users can now leverage ViQi's new language translation capabilities. This enhancement allows users to translate spoken phrases into a supported language and hear the translation played back through the SVX.

ViQi Translate may be activated without the usual 'Hey ViQi' voice command. Instead, users may either request translation to a specified language through the prompt, 'Translate to <Language>', or engage ViQi's automatic translation mode through the 'Start Translation' voice command and start speaking in the foreign language.

**Note:** While using the ViQi Translate capability all audio will be routed through the SVX VRSM regardless of whether there is an earpiece connected.

Requires an SVX VRSM and that ViQi: Voice Control (QA09028) and ViQi: Virtual Partner be enabled in the codeplug.

**B.3.12**      **ViQi Activation Simplified**

All ViQi commands can now be accessed without using the voice command 'Hey ViQi' to access the cloud. You may notice a delayed response for unrecognized commands as the cloud tries to interpret those commands.

**Note:** ViQi VP is no longer orderable for new customers. For existing customer add-on orders, contact Order Management.

**B.3.13**      **View SVX VRSM Battery and Software Status in Device Info**

Users may now view the battery status and software revision version of a connected SVX Video Remote Speaker Mic directly from the Bluetooth Device Info in the radio's System Settings.

**Note:** The SVX announces the battery level in increments of 5%, while the Device Info displays it in increments of 1%.

# B.4  Product & Hardware Support Updates

This section contains product announcements or hardware support updates for this firmware release.

### B.4.1  APX NEXT High Capacity Battery Operation

This firmware release allows the PMNN4895A (non UL)/PMNN4896A (UL Div 2) APX NEXT high capacity batteries to achieve optimal operational life.

### B.4.2  APX NEXT (H55TGT9PW8BN) T-Mobile Certified

This firmware release supports T-Mobile as a certified carrier.

# CPS and Radio Management

## C.1 Software Version

**R38.00.70**

## C.2 System Requirements

**Operating System**

Microsoft® Windows® 10
Microsoft® Windows® 11
Microsoft® Windows® Server 2016
Microsoft® Windows® Server 2019

**Hardware**

*Please follow the processor recommendation provided by Microsoft for Windows 10 and Windows 11.*

**RAM**    Minimum Specification: 16 GB
Recommended Specification: 32 GB

**Storage**    1 TB of free disk space

## C.3 Supported Platforms

The following radio models are compatible with this latest software feature release.

| | | |
|---|---|---|
| + APX 900 | + APX 6000 BN | + APX N70 XE |
| + APX 1000 | + APX 6500 Li | + APX NEXT |
| + APX 1000i | + APX 8000 | + APX NEXTi |
| + APX 1500 | + APX 8000 H | + APX NEXT XE |
| + APX 2000 | + APX 8000 XE | + APX NEXT XN |
| + APX 2500 | + APX 8000 HXE | + ATS 2500p |
| + APX 3000 | + APX 8500 | + SRX 2200 BN |
| + APX 4000 | + APX 8500 MP | + TXM 2000 |
| + APX 4000 Li | + APX N30 | + TXM 3000 |
| + APX 4000 XH | + APX N50 | + VX-P94 |
| + APX 4500 Li | + APX N70 | |

## C.4 New Features

The following are the latest software features being introduced in this feature release for **CPS** and **Radio Management Suite**.

### C.4.1    Updates for APX NEXT and APX N70

The following features are exclusive to APX NEXT and/or APX N70 models as specified.

#### C.4.1.1 SmartMessaging 2.0

We have introduced SmartMessaging 2.0, which enhances public safety communications and offers a convenient way to share texts, voice notes, images, and videos between devices and from the CommandCentral Messaging web client.

Navigate to Radio Wide and select "SmartMessaging 2.0" under **Features** > **SmartMessaging Mode**.

### C.4.1.2 SmartVideo Application Service

The SVX Video Remote Speaker Mic (VRSM) can now leverage the radio's broadband (LTE) capabilities to enable two new key functions:

- Live streaming video recordings in CommandCentral Aware
- Facilitating the priority upload of critical videos to ComandCentral DEMS

To prevent potential LMR interference from impacting video streaming quality and performance, you may configure your device to automatically switch a Trunking Talkgroup from LMR over to Broadband during SmartVideo streaming operations.

Navigate to the desired Trunking Personality and select "Broadband Preferred While Streaming" under **Features** > **SmartConnect Operation**.

**Note:** The radio will revert to LMR if broadband coverage is unavailable, regardless of whether the "Broadband Preferred While Streaming" setting is enabled.

### C.4.1.3 Voice Amplifier Menu Item

The Voice Amplifier functionality, which was previously only programmable to the radio's physical hardware buttons, can now be programmed to the radio's menu.

Navigate to Radio Ergonomics Configuration and select "VAmp" under **Controls** > **Menu Items** > **Conventional** and/or **Trunking Selected Menu Items**.

**Note:** This feature is designed exclusively for use with Bluetooth mask devices (e.g. 3M Scott Safety SCBA). Using it with other Bluetooth accessories may lead to audio feedback or undesirable outcomes.

### C.4.1.4 Model Configuration Cross-Compatibility Support

We have added support across our tools to share codeplugs or templates between APX NEXT H45 and H55 models. This allows cloning in CPS or sharing templates in RM between H45 and H55 configurations such that they are cross-compatible with one another.

**Note(s):** (1) This enhancement does not allow sharing configurations across different model variants (i.e. APX Standard configurations cannot be shared with APX XE or APX XN model variants or any other combination).

(2) FLASHcode limitations still apply to cloning and sharing templates. These operations are only permitted when the Feature Set enabled in the source's

In Use FLASHcode is a subset of those enabled in the target's Purchased FLASHcode.

(3) FLASHport upgrades (via dongle or EID) and firmware upgrades are still restricted by model number (i.e. an EID or firmware package designated for use with an H45 model cannot be applied to an H55 model or vice versa).

## C.4.2    Configurable Replay Attempts for Interrupted VAs

Users can now specify the exact number of replay attempts for Voice Announcements (VAs) that are disrupted by radio events such as received audio, higher priority tones, or other Voice Announcements.

Navigate to Radio Ergonomics Configuration and configure the desired number of retries under **Voice Announcements** > **Voice Announcements Wide** > **General** > **Maximum Replay Attempts**.

**Note(s):** (1) Enabling **Suppress Replay** in the codeplug will override any configurations set for **Maximum Replay Attempts**. (2) If the Voice Announcement Priority is set to "Low" and a VA attempt is interrupted by a transmission (Tx/Rx), a VA replay will not be attempted.

## C.4.3    Configure Emergency Behavior per Emergency Profile

We have introduced the ability to configure certain emergency settings per Emergency Profile which provides the flexibility to customize the behavior for both silent and non-silent emergency configurations on each channel.

Navigate to Emergency Wide to enable this feature under **General** > **Emergency Configuration Per Profile Enable**. In addition, several of the existing emergency fields from Emergency Wide and two new display control fields have also been added to the Emergency Profile configuration:

- Silent Alarm
- Disable Emergency Call Indications
- Emergency Call Receive
- Emergency Activation Display Control
- Emergency Alarm Rx Indicator Type
- Emergency Rx Display Control

**Note:** Firmware **R38.02.00** or greater is required for APX Standard devices and **R38.04.00** or greater is required for APX NEXT and APX N70 devices to enable this feature.

## C.4.4    Unassigned Groups Radio Filtering

We have enhanced radio inventory management in Radio Management to facilitate filtering for radios that are not assigned to a group. This filter will remain active across the following views: Radio, Data Profile, System and OTAR Profile.

Navigate to the Groups side panel and click the **Unassigned** filter to show only those radios which are not currently assigned to any group.

Please refer to the CPS_Readme.rtf located at the software's installation directory and/or the CPS Online Help for additional information.

# RadioCentral

**C.5** Software Version

**SR2025.3**

**C.6** System Requirements

**Web Browser**
Microsoft® Edge
Google Chrome

**Devices**
Laptop
Desktop

**C.7** Supported Platforms

The following radio models are compatible with this latest software feature release.

| | | |
|---|---|---|
| + APX 900 | + APX 8000 | + APX N70 |
| + APX 1000i | + APX 8000 H | + APX N70 XE |
| + APX 1500 | + APX 8000 XE | + APX NEXT |
| + APX 2500 (BN/CN) | + APX 8000 HXE | + APX NEXT XE |
| + APX 4500 (BN/CN) | + APX 8500 | + APX NEXT XN |
| + APC 5000 B | + APX 8500 Consollete | + ATS 2500p |
| + APX 5500 (BN/CN) | + APX 8500 MP | + SRX 2200 B |
| + APX 6000 B | + APX N30 | + VX-P94 |
| + APX 6500 (BN/CN) | + APX N50 | |

**C.8** New Features

The following are the latest software features being introduced in this feature release for **RadioCentral**.

**C.8.1**   **Support APX Standard Portables and Mobiles and APX N50/N30 Radios**

RadioCentral now supports the programming of APX standard portables and mobiles as well as APX N50/N30 radios. Please refer to the **C.7 Supported Platforms** section for the complete list of supported radio models.

To manage APX Standard/N50/N30 radios in RadioCentral, you need to onboard them to RadioCentral first. The high-level flow of the onboarding is described below (please refer to the **LXP Online Training** and/or the **RadioCentral Online Help** document for more details):

1. Make sure you have the RadioCentral agency ready and that you have proper permissions to onboard radios.

2. Download the software component, **Radio Connect Station** (RCS), from the RadioCentral "Resources" tab and install it on the desktop/laptop that you plan to use for onboarding radios.
   **Note:** Please make sure to work with your IT team for the installation authorization.

3. When logging into the RCS client for the first time, you will need to configure the RCS client instance. This includes setting the instance name and selecting the appropriate agency and folder for its creation (cont.)

4. Enable the onboarding mode on the RCS client whenever you plan to start onboarding new field radios. You will be asked to login to authorize the Onboarding Mode.
**Note:** You will have the opportunity to pick the agency and folder for the onboarding as long as you have the onboarding permission to the corresponding agencies and folders.

5. Connect the radio via USB cable to the RCS client; the onboarding process shall be automatically performed without the user intervention. The RCS client shall display the onboarding status message during this process.

| C.8.2 | Save Interim Template During Edit/Publish Flow |
|---|---|

To accommodate lengthy template updates, RadioCentral users can now save interim templates with validation errors locally as an .mc file during the Edit/Publish flow. Users can later open this .mc file locally with CPS to continue the update. Once complete, the codeplug can be saved as a .cxf file and imported into RadioCentral as a new fleet template.

| C.8.3 | Schedule Deferred Write Jobs |
|---|---|

RadioCentral now allows users to schedule deferred write and factory reset jobs for a future date/time. The job status will change from 'Deferred' to 'Queued' when the specified start time is reached.

| C.8.4 | Model Configuration Cross-Compatibility Support |
|---|---|

RadioCentral users can now share templates between APX NEXT H45 and H55 models.

- Configurations cannot be shared between different model variants. For example, APX Standard configurations are incompatible with APX XE or APX XN model variants. This restriction applies to all combinations.
- Sharing templates is subject to FLASHcode restrictions. A template can only be shared if its enabled feature set, as defined by its FLASHcode, is the same as or a subset of the features enabled in the target radio's FLASHcode.
- Feature and firmware upgrades remain model-number specific. For instance, an Entitlement ID (EID) or firmware package designated for an H45 model is not compatible with an H55 model, or any other differing combination.

| C.8.5 | Support French Canadian Language |
|---|---|

Allow the RadioCentral user to switch the language between English and French Canadian via the top right menu. The RadioCentral shall display the UI in the selected language.

> For comprehensive knowledge of the RadioCentral product, please refer to the LXP Online Training **RadioCentral Overview** and the **RadioCentral Online Help**.