APX New Feature Brief

SR2026.1 Feature Release

Updated May 2026

The 2026.1 baseline feature release introduces new features and capabilities to our APX radios, including: SmartMessaging and ViQi enhancements, RSSI in dBm on the top display, conventional signal strength visibility, and greater control of the radio contact list.

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

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To learn more about the features within this release, visit our SR2026.1 Subscriber Release Training Course.

MOTOROLA SOLUTIONS

APX™ Standard & N50/N30 Subscribers

A.1 Firmware Version

ASTRO 2026.1 (R39.15.00)

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
- APX 4500 Li
- APX 5000 BN
- APX 5500
- APX 6000 BN
- APX 6000 XE BN
- APX 6000 Li BN
- APX 6500
- APX 6500 Li
- APX 8000
- APX 8000 H
- APX 8000 XE
- APX 8000 HXE
- APX 8500 HP
- APX 8500 MP
- APX All-Band Consolette
- APX Dual-Band Consolette
- APX N30
- APX N50
- APX Single-Band Consolette
- 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 View Conventional Signal Strength in dBm on Radio Displays

The radio can now display the signal strength received over a Conventional system in decibel-milliwatts (dBm) alongside the existing RSSI unit. These values may be displayed on either the top or front displays or both as configured in the radio's codeplug.

A.3.2 SmartConnect Enhancements to Include Data

It is now possible to use the LMR data features when operating on SmartConnect. This applies to both standard and DVRS configurations without any loss of data for their Portable Subscriber Units (PSUs), Mobile Subscriber Units (MSUs) or directly connected Subscriber Units (SSUs). On a DVRs based system data will operate the same whether the MSU communicates over LMR or over SmartConnect.

Requires SmartConnect (QA07682/GA01630) and if using DVRS PSU/MSU Activation (QA00631/GA00631) when using DVRS.

Notes: (1) Several infrastructure items need to be updated to utilize this feature. Please refer to the infrastructure release notes for further details. (2) The SmartConnect feature must be enabled in the SmartConnect Provisioning and Configuration tool. (3) The vehicle repeater (DVR) must have the appropriate license file to access SmartConnect Data (range extension).

APX™ NEXT & N70 Subscribers

B.1 Firmware Version

ASTRO 2026.1 (R39.15.00)

B.2 Supported Platforms

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

- + APX NEXT (4G LTE)
- + APX NEXT (4G LTE + 5G)
- + APX NEXTi
- + APX NEXT XE (4G LTE)
- + APX NEXT XE (4G LTE + 5G)
- + APX NEXT XN
- + APX N70 7/800
- + APX N70 XE 7/800
- + APX N70 UHF
- + APX N70 XE 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 SmartMessaging: Interagency Communication and Conversation Pinning

SmartMessaging 2.0 now supports messaging between agencies and the ability to pin important conversations.

EXTERNAL AGENCY CONVERSATIONS

Users may receive and reply to messages across agencies directly from the radio. Messages are created using the SmartMessaging webclient.

Note: This capability must be enabled by the MSI administrator

PINNED CONVERSATIONS

Important conversations can be pinned so they always appear at the top of your unified **Conversations** list.

Pinned conversations are denoted by a thumbtack icon. The most recently active pinned conversation can be seen from the SmartMessaging 2.0 widget on the Home screen.

B.3.2 Combined Presence Icons in CommandCentral Aware

The CommandCentral Aware Map will now display a single unified icon to represent both an SVX body-worn camera and a radio when the paired devices belong to the same user and agency.

When the radio user is not logged in, the SVX user and the radio user are inferred to be one in the same.

B.3.3 Improved NFC Touch Pairing Demonstration Graphic

We have enhanced the secure NFC pairing graphic to better demonstrate how to connect a compatible Bluetooth device via secure NFC touch pairing.

Note: The Secure NFC Touch Pairing feature must be enabled in the radio's codeplug

B.3.4 Update to Battery Level Voice Command Response

To eliminate any ambiguity associated with the Battery Level voice command response, we have updated the voice control feedback to specify that the reported battery level refers to the radio battery

B.3.5 Control Radio User's Access to Contact List

It is now possible to control which contacts the radio user is permitted to call or page. By default, a radio user will only have access to those contacts in their specific Radio ID Call List. To grant a radio user visibility of the entire contact list, the Contacts menu item must be added to the menu feature launcher in the codeplug.

B.3.6 View Conventional Signal Strength in dBm on Radio Displays

The radio can now display the signal strength received over a Conventional system in decibel-milliwatts (dBm) alongside the existing RSSI unit. These values may be displayed on either the top or front displays or both as configured in the radio's codeplug.

B.3.7 ViQi Evolution

We have introduced the following improvements to ViQi:

- The top and front display (overlay) have been updated from "ViQi VP" to "ViQi".
- An audio message now provides network error messages for scenarios where launching ViQi is impacted by network connectivity conditions. The following scenarios may cause a network error:
  - Network lost before a ViQi session begins
  - Network lost while the user is speaking
  - Network lost while the response from ViQi is played
  - Network lost while waiting for a response
- The functionality of the VP-programmed button now behaves the same as a VC-programmed button.
- ViQi Translation has been expanded to work for Smart RSMs and APX NEXT

  Note: If using an earpiece when using SmartTranslate, all audio will be routed through the earpiece. Please unplug the earpiece to route the audio through the speaker.

B.3.8 SmartConnect Enhancements to include Data

It is now possible to use the LMR data features when operating on SmartConnect. This applies to both standard and DVRS configurations without any loss of data for their Portable Subscriber Units (PSUs), Mobile Subscriber Units (MSUs) or directly connected Subscriber Units (SSUs). On a DVRs based system data will operate the same whether the MSU communicates over LMR or over SmartConnect.

Requires SmartConnect (QA07682) and if using DVRS PSU Activation (QA00631) when using DVRS.

Notes: (1) Several infrastructure items need to be updated to utilize this feature. Please refer to the infrastructure release notes for further details. (2) The SmartConnect feature must be enabled in the SmartConnect Provisioning and Configuration tool. (3) The vehicle repeater (DVR) must have the appropriate license file to access SmartConnect Data (range extension).

B.3.9 New “Do Not Power Off” Warning for Updates on APX N70

To ensure a smooth update process, a new notification will now appear during the first power-up following an Over-the-Air (OTA) update. This message reminds users to keep the radio powered on and the battery installed until the finalization process is complete.

SECTION C | APX DEVICE UPDATES

C.1 Product & Hardware Support Updates

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

C.4.1 APX Standard and APX N Series Hardware Factory Enablement

We are introducing factory enablement support relating to the sourcing of new memory components.

C.4.2 APX N70 XE (UHF Band) Launch

We are introducing the UHF band to our APX N70 XE product family.

IMPORTANT NOTE

Regarding **APX NEXT XN** models:

The **ASTRO 2026.1** (R39.15.00) release will comply with the new **NFPA 1930 Standard**. As a result, it will not adhere to the older 1802 Standard. This release is not officially certified by SEI, the certification body, because it is still being actively tested at the time of this release. An updated software release will be issued once official certification is received and the product is certified per the new standard.

Note: If your radios must remain compliant and certified to the NFPA 1802 Standard, then you should delay your upgrade until official NFPA 1930 certification is received on a subsequent software release.

CPS & Radio Management

D.1 Software Version

2026.1 (R39.00.00)

D.2 System Requirements

Operating System

Microsoft® Windows® 11
Microsoft® Windows® Server 2022
Microsoft® Windows® Server 2019
Microsoft® Windows® Server 2016 (Essential and Standard)

Hardware

Please follow the processor recommendation provided by Microsoft for Windows 11

RAM Minimum Specification: 16 GB
Recommended Specification: 32 GB

Storage 1 TB of free disk space

D.3 Supported Platforms

The following radio models are compatible with this latest software 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
- APX 4500 Li
- APX 5000
- APX 5500 BN
- APX 6000 BN
- APX 6000 XE BN
- APX 6500
- APX 6500 Li
- APX 8000
- APX 8000 H
- APX 8000 XE
- APX 8000 HXE
- APX 8500 HP
- APX 8500 MP
- APX All-Band Consolette
- APX Dual-Band Consolette
- APX N30
- APX N50
- APX N70
- APX N70 XE
- APX NEXT (4G LTE / + 5G)
- APX NEXTi
- APX NEXT XE
- APX NEXT XN
- APX Single-Band Consolette
- ATS 2500p
- SRX 2200 BN
- TXM 2000
- TXM 3000
- VX-P94

D.4 New Features

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

D.4.1 Single Bundled Firmware Packages

To facilitate the firmware upgrade process, model-specific firmware is now bundled into a single package for APX NEXT 4G LTE, APX NEXT 4G LTE + 5G, and APX N70.

When performing a firmware upgrade it is no longer necessary to upload distinct firmware files for each of these model variants. Instead, the programming tool will automatically determine which firmware image to apply to the device from the provided bundle.

Note: Single bundled firmware packages only apply to full firmware upgrades. Differential firmware upgrades will still require the user to select a package specific to the model type being upgraded.

D.4.2 Less Restrictive Multi-Codeplug Firmware Upgrade Experience

For Multi-Codeplug configured devices, there will no longer be an enforcement of strict version matching between the secondary codeplugs and the radio firmware when upgrading the firmware from 2025.3 (R39) to any later major firmware release.

Usually, any secondary codeplugs are required to be of a major version equivalent to or later than that of the radio's firmware. Upgrading the radio firmware to a later major version would render these secondary codeplugs incompatible with that device. This change will allow radio users to upgrade the firmware between these versions without impacting the compatibility of any secondary codeplugs that may be on an older codeplug version.

Note: This behavior does not apply to NFPA-compliant radios whose secondary codeplugs are required to match the major version of the radio firmware.

D.4.3 Additional Firmware Upgrade Restrictions for End-of-Support Models

We are imposing restrictions on firmware upgrades for several additional radio models which have reached their end-of-support date. Affected radio models will be designated a final firmware version which corresponds to a baseline release. These end-of-support devices will hereby be blocked from upgrading beyond that final firmware version.

For further information, consult the relevant Motorola Solutions Technical Notification (MTN) available on the Motorola Solutions Documentation Portal.

D.4.4 Password Reset Option for APX NEXT and N70

APX NEXT and N70 users now have the ability to reset the password for communication encrypted devices. A password reset file can be applied in CPS by navigating to the **Tools** menu in the ribbon and selecting **Reset Password**. In Radio Management's *Radio View*, open the context menu (right-click) for a given device and select **Reset Radio Password…**

Note: Password reset files are one-time use files provided only through Motorola Solutions Support.

D.4.5 WiFi Password Validation Eliminated for Clone and Template Assignment

When cloning a codeplug or assigning a template to a new device, if the codeplug or template contains any password encrypted networks, the user is prompted to validate the password for each wireless network before proceeding. This update eliminates the password challenge in the aforementioned scenarios.

Note: This also applies to mobile devices using the **Data Modem Collaboration over WiFi** feature.

D.4.6 Manage Multiple Radio IDs in Radio Management

We've enhanced Radio Management's System View to facilitate the configuration of any number of Radio IDs simultaneously. Through System View's new export/import interface, users may export the records to be modified, make the desired changes to the Radio ID data and re-import the data to apply those changes to the affected records.

Note: System View records are exported as tabular data in the form of a Microsoft® Excel (`.xls` or `.xlsx`) or `.csv` file.

D.4.7 View Conventional Signal Strength in dBm on Radio Displays

The radio can now display the signal strength received over a Conventional system in decibel-milliwatts (dBm) alongside the existing RSSI unit. These values may be displayed on either the top or front displays or both.

Navigate to the desired Conventional Personality to enable **Conventional RSSI Display** under **Features**.

The display location and duration may be configured via the colocated **RSSI Display Location** and **RSSI Display Timer** fields respectively.

D.4.8 CPS and APX Tuner Adopt 'Solving for Safer' Branding

The splash screen and landing page of the CPS and APX Tuner applications have been refreshed with our new "Solving for Safer" logo. You will also notice this new tagline in the footer upon visiting the FLASHcode Portal.

D.4.9 Continuous Backlight in Vehicular Adapter for APX NEXT

APX NEXT can now maintain a continuous backlight while docked in a Vehicular Adapter (VA), keeping the display readable at a glance. Navigate to Radio Ergonomics Configuration to enable "Backlight While in VA" under **Display** > **Advanced**.

Note: The APX NEXT Vehicular Adapter will be available June 2026.

Please refer to the CPS Online Help for additional information on new fields and features.

RadioCentral

D.5 Software Version

2026.1

D.6 System Requirements

Web Browser

Microsoft® Edge
Google Chrome

Devices*

Laptop
Desktop

* Tablets and mobile devices are not supported by RadioCentral or the Radio Connect Station client.

D.7 Supported Platforms

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

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

D.8 New Features

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

D.8.1 Access Policy Enhancement Capabilities

- **To share Access Policy with other users:** RadioCentral administrators can now share access policies they created to other RadioCentral users from the same agency so no need for everyone to maintain the keys.
- **To manage shared Access Policy:** RadioCentral administrators can update the expiration date for access policies that are shared with other users.
- **To revoke shared Access Policy:** RadioCentral administrators can revoke previously shared access policies.
- **To share Access Policy with CPS:** Access policies are now automatically shared with online CPS when the user starts the 'Edit in CPS' workflow so the user no longer needs to repeatedly present or load the keys to the online CPS edit session.

D.8.2 Single Bundled Firmware Packages

To facilitate the firmware upgrade process, model-specific firmware is now bundled into a single package for APX NEXT 4G LTE, APX NEXT 4G LTE + 5G, and APX N70.

When performing a firmware upgrade it is no longer necessary to select distinct firmware files for each of these model variants. Once a target version is selected, RadioCentral automatically applies the correct image from the bundle.

Note: Single bundled firmware packages only apply to full firmware upgrades. Differential firmware upgrades will still require the user to select a package specific to the model type being upgraded.

C.8.3 Radio Programming Capacity Increase

The RadioCentral platform was extended to support many models of APX Standard, N50 and N30 radios. In order to support the increase in the number of radios, the overall programming capacity will be increased by approximately 25%.

With the change, the shared capacity for programming requests will be as follows:

- The number of write jobs in any 24-hour period is approximately 14,400
- The number of read jobs in any 24-hour period is approximately 1,800

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