



APX NEXT™ Release Notes R2021.1

FEBRUARY 2021

Radio Release Notes – Subscriber APX NEXT R03.00.00 – March 2021

APX NEXT Platforms:

APX NEXT R2.0

New Version: Devices – R03.00.00

Old Version: Devices – R02.90.00

New Products:

XVE500 RSM

System Platforms Affected: Replacement of the XE500 RSM

Special Configurations: Supported on APX NEXT XE and APX 8000XE

Description: XE version of the XV RSM with equivalent audio performance as the XV and with equivalent/improved extreme environment robustness, heat/temperature performance, and extreme requirements as the XE500 RSM.

APX NEXT International Model

System Platforms Affected: Conventional System, 3600/9600 Trunking system

Special Configurations: APX NEXT model - H55TGT9RW8AN

Description: Extends the APX NEXT radio offering to include International LTE bands LTE SKU: 1,2,3,4,5,7,8,20,26,28(A/B) and 3G UMTS bands: B1, B2,B4, B5 and B8.

Added support for 2 new antennas UHF antennas UHF1 & UHF2 stubby antennas.

Added support for application services such as SmartProgramming, SmartConnect, SmartLocate, SmartMapping and SmartMessaging and the Device Managed Services with accidental damage and Radio Central.

New Features:

SmartConnect In-Vehicle Range Extension

System Platforms Affected: All

Special Configurations: Option GA01779- New Range Extension Y cable (stand alone kit: KT000247A04), DVR FW 1.64 or later, and DVR Feature License: SmartConnect In-Vehicle Range Extension

Description: This feature enables the customers to use SmartConnect and DVRS at the same time. A portable radio will communicate through the in-vehicle mobile, which is providing the LTE/SAT/Wifi backhaul connection.

Agency Configurable Logout Timer

System Platforms Affected: All

Special Configurations: APX NEXT

Description: Using CCAdmin, customer administrators can set the session timers on an Agency Group basis, e.g.

- The detectives agency group has a session timer of 30 days because they use non-CJI applications
- The patrol agency group has a session timer of 12 hours because they use ViQi which uses CJI data.

Device users will login when they need to use cloud services and will be notified with the logout time 1 hour before the expiration of the timer.

SmartMapping 2021.1 Evolution

System Platforms Affected: All

Special Configurations: APX NEXT. Location reported to location services through SmartLocate or IMW (APX). Customer configuration in CCAdmin.

Description: The SmartMapping solution is intended to enhance first responder situational awareness and provide enhanced coordination capabilities. This is accomplished by providing a mapping application that is accessible on a smart radio.

Changes in 2021.1

- Units and Waypoints accuracy indicator
- Waypoint screen redesign
- Double-tap and drag zoom

SmartMessaging Native App Evolution (SR2021.1)

System Platforms Affected: Broadband Enabled APX NEXT portable

Special Configurations: APX NEXT

Description: Continue to improve the user experience; feature parity with web client.

- User creation of quick texts (canned messages) in addition to the canned messages defined by radio central
- Improved viewability with zoom in / out for images
- Ability to see thumbnails on the inbox list item and widget

Battery Protection Mode User Notification for APX Next

System Platforms Affected: All

Special Configurations: All

Description: Show notifications on the APX Next displays when the radio is entering or exiting the Battery Protection mode.

APX NEXT Install Codeplug or Firmware Updates Immediately After Download Without User Action

System Platforms Affected: RadioCentral programming tool

Special Configurations: Radio with Firmware R02.60.00 or newer

Description: RadioCentral now offers an option to schedule a Write with “Force Immediate Update” which installs Codeplug and Firmware updates immediately after downloading into the radio, without any user interaction. Immediate update is limited to jobs with 1 radio only.

WARNING: Forcing immediate update will result in the target device restarting immediately after the update download, without user confirmation. The device will be unusable for up to 4 minutes (when installing firmware updates), which can pose a safety issue for users in the field. By electing to use this function, the radio programmer accepts the risk of the action on behalf of the user.

Note: Update will be installed on the next power cycle if the target device is in an emergency state when the update is received.

Updates:

Abstract: N/A

System Platforms Affected: N/A

Special Configurations: N/A

Description: N/A