



APX NEXT™

Release Notes R2020.1

MAY 2020

Radio Release Notes - Subscriber APX NEXT R02.20.00 - May 2020

APX NEXT Platforms:
APX NEXT R2.0

New Version: Devices - R02.20.00
Old Version: Devices - R02.13.00

Important Notes:

Abstract: N/A
System Platforms Affected: N/A
Special Configurations: N/A
Description: N/A

New/Replacement Products

Abstract: XE500 RSM for APX NEXT
System Platforms Affected: N/A
Special Configurations: N/A
Description: UL approved RSM for use with APX NEXT Div 2 approved radios.

New Features:

Abstract: DVRS-PSU and Authentication
System Platforms Affected: All
Special Configurations: Systems with DVRS
Description: Parity feature to enable DVRS on APX Next radios.

Abstract: Request to Talk
System Platforms Affected: Conventional MDC
Special Configurations: Supported on analog conventional MDC channels (ie where the TX Voice/Signal Type is set to Non-ASTRO and where the Non-ASTRO signalling type is set to MDC)
Description: The RTT feature allows the analog conventional MDC user to send a signal to the dispatch/console requesting the ability to transmit voice. This can either be a manual request via a dedicated RTT programmed button, or automatic, integrated into the PTT action of the PTT button. This is already supported in APX. This feature is to add support to the APX NEXT models

Abstract: Mandown for APX NEXT
System Platforms Affected: All
Special Configurations: N/A
Description: Parity feature to enable Mandown feature on APX Next radios.

Abstract: Voice Control- French Canadian

System Platforms Affected: All

Special Configurations: N/A

Description: Enabling Voice Control for French Canadian language.

Abstract: SmartConnect Switching Enhancement

System Platforms Affected: All

Special Configurations: Devices that support SmartConnect

Description: An APX radio equipped for SmartConnect operation with one or more Broadband connection types (such as a mobile with Wifi and Tethered Data Modem) shall take into consideration the relative signal strength of the various broadband connection types compared to one another, as well as compared to LMR, in the decision to operate on SmartConnect. Specifically, a radio operating in poor LMR signal will stay on LMR if all broadband connections are also poor. In addition, a radio operating on a lower priority broadband connection will revert to the higher priority or quality connection while idle on SmartConnect.

Abstract: SmartInsight for APX NEXT

System Platforms Affected: All

Special Configurations: Broadband connectivity (WiFi or LTE)

Description: SmartInsight will collect the data from APX NEXT device, battery and infrastructure for cloud storage & analysis and provide actionable insights through dashboards to customers.

Abstract: SmartMapping for APX NEXT

System Platforms Affected: All

Special Configurations: Location reported to location services through SmartLocate or IMW

Description: SmartMapping enhances situational awareness by enabling radio users to see their own location on the radio front display, find an address, drop waypoints, and view the locations of other colleagues at a glance, then tap the screen to instantly communicate with them.

Abstract: Single Sign On for Multi Factor Authentication(MFA) on APX NEXT

System Platforms Affected: All

Special Configurations: CC Admin enabling of the MFA for user email accounts

Description: The feature is to require multi factor authentication for device users before accessing the sensitive applications SmartMessaging, SmartMapping and Virtual Partner.

Single Sign On is supported to make sure users only need login once to access all the applications.

Abstract: Indoor Positioning for APX NEXT

System Platforms Affected: All

Special Configurations: N/A

Description: The APX Next device currently supports GPS and aGPS (cellular assisted) for determining its location. These technologies have limitations when used indoors. This feature adds the ability to utilize a service that determines location via WiFi hotspots and cell towers to enhance the radio's location finding capabilities while indoors.

Abstract: Launch One Touch features via Side Buttons for APX NEXT (Status, Call alert, Private Call)

System Platforms Affected: All

Special Configurations: N/A

Description: Parity feature to enable launching Status, Private Call and Call Alert features using One Touch on APX Next radios.

Abstract: DTMF Dialing and Add a Dialer to Menu Feature Launcher (MFL) for APX NEXT

System Platforms Affected: All

Special Configurations: N/A

Description: Parity feature to enable DTMF dialing on APX Next radios.

Updates:

Abstract: N/A

System Platforms Affected: N/A

Special Configurations: N/A

Description: N/A