APX NEXT™

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Release Notes R2020.2

AUGUST 2020

MN007233A02-AA

APX NEXT Firmware Release Notes - R02.41.00 – July 2020

APX NEXT Portable Platforms:
New Version: Devices – R02.41.00
Old Version: Devices – R02.20.00

New Features:

SmartMessaging for APX NEXT
System Platforms Affected: Broadband Enabled APX NEXT portable
Special Configurations: APX NEXT Only
Description: A broadband enabled messaging application on APX NEXT enables seamless & discrete communication with key partners and improves situational awareness.
Option 1: SmartMessaging LMR Message Interop allows messaging (individual and group) between APX NEXT and APX devices. Any multimedia content (video, audio, and images) in text messages is not presented to APX subscribers.
Note: ASTRO subscribers may only be provisioned on a single messaging service. Devices provisioned on PremierOne CAD or Flex CAD systems may not be provisioned on SmartMessaging.
Option 2: The Dispatch Client allows a dispatcher to communicate with APX NEXT subscribers with SmartMessaging service, through 1-1 messages, group messages, or multimedia attachments (images, videos, and audio files).
Note: The Dispatch Client is currently (July 2020) the only means of adding multimedia content to SmartMessaging exchanges. Multimedia content will not be available to SmartMessaging users without one or more Dispatch Clients. The solution's multimedia capability will evolve.

NOTE: SmartMessaging changes in Command Central admin are not automatically forwarded to the Universal Gateway. Any changes required for SmartMessaging subscribers should be submitted to support email address: waveccfulfillment@motorolasolutions.com

Fallback to LMR for Location updates set to "Broadband Preferred"
System Platforms Affected: No infrastructure requirement for APX NEXT (in Broadband mode). Requires IMW+Cloud Connector to report location to location services when in LMR mode.
Special Configurations: APX NEXT Only
Description: When the user radio is configured to report location over "Broadband Preferred", the radio can fallback from Broadband to data-capable LMR channel or viceversa for reporting location, when either of the location reporting carriers roams out of coverage.

SmartMapping filtering units and waypoints update
System Platforms Affected: Location services through SmartLocate or IMW.
Special Configurations: APX NEXT Only
Description: New support for filtering units and waypoints that are shown on the map that is accessible on a APX NEXT radio.

APX NEXT Alias Updates over LMR
System Platforms Affected: P25 9600 Baud Trunking
Special Configurations: APX NEXT Only
Description: Subscriber Aliases are updated in the Provisioning Manager of the P25 Trunking System. When a transmitting radio presses PTT in a Talk Group, the request is received by the System and sent out to all receiving radios in the Talk Group. The latest information from the Provisioning Manager is sent out as well. If there are changes, all RX radios will have the transmitting radio's new Alias contact information updated in their Unified Call Lists.
Aliases are only updated to RX radios when:
1) A transmitting radio in a talk group presses PTT.
2) Only radios receiving audio in that specific talk group will be updated.

All Alias updates transmitted out from the System are scrambled and not decodable if information is intercepted over the air.

French Canadian Language for SmartInsight
System Platforms Affected: All
Special Configurations: APX NEXT Only
Description: SmartInsight will collect device usage data from APX NEXT device, battery and infrastructure for cloud storage & analysis and provide actionable insights through dashboards to customers. Now supporting French Canadian.