Emergency Telephone System Board Of DuPage County

DuPage Emergency Dispatch Interoperable Radio System (DEDIR System)

APXNext XN: For the July 22 podcast, Fire Agencies were asked to attend in person to review the APXNext XN radio procedures, receive training, and collect two (2) test radios per agency. There will be a two week testing period in which agencies are asked to approve their template and/or note any functional issues or errors. A total of 27 out of 29 agencies attended the podcast in person, where they picked up their test radios and National Night Out handouts. The remaining agencies collected their test radios between July 23 and 25.

Most Fire Agencies also picked up their accessories on July 22, while the remaining agencies collected their accessories throughout the week. As of now, only Oak Brook Fire is still pending accessory pickup.

APX8500 Mobiles: Alternative model options within Motorola have not met the needs of the fire chiefs for all applications. Concurrently, the ETSB, along with two members of the Fire Focus Group, have been testing other manufacturers to determine whether radio issues identified with this model are a benchmark or specific to the APX8500. Two manufacturers, Tait and Kenwood, have mobiles that have completed the drive test and bench test without demonstrating the radio issue of the 8500.

ETSB had demo models for chiefs to see at the "in person" portion of the July 22 podcast. Along with the models, manufacturer reps were available to answer any technical questions about their products for the DEDIR System member agencies present.

After the presentations, manufacturer reps were asked to step out or offline so that agencies could discuss preferences. Of the 20 Police agencies with APX8500 mobile radios, 9 were absent from the July 22 podcast and 8 remained undecided regarding their preferred replacement option. Among the 27 Fire agencies that attended the podcast, 26 indicated a preference for the Tait TM9900 as their replacement mobile radio.

The options below were in the podcast notes, however, in the interest of time, these options were not discussed.

Option 1: Replace the APX8500s deployed in the system and upgrade the APX7500. There are approximately 105 APX8500 mobiles in the DEDIR System. The APX7500 would be upgraded to TDMA and AES encryption. The chosen replacement model would then be provided for new vehicles and/or broken units. There are some logistics challenges with the upgrade of the APX7500 including bringing these models to the current firmware update. These challenges will be discussed at the meeting.

> Method A: Remove the mobile from the vehicle and bring it into ETSB for reconfiguration. There are obvious challenges with this method such as a piece of apparatus being without a mobile for several days, uninstall and reinstall time/cost.

> Method B: Motorola would come out to each station and do the updates. There are certain challenges with this method including having solid WiFi throughout the process. Because the mobiles are several firmware updates out of date, this process will take 30+/- minutes.

Option 2: Replace all Mobile Radios with the chosen replacement. This would depend on order lead time. The first vehicles to be updated would be those with an APX8500.

CommandCentral Aware
The ETSB repeated the information about CommandCentral Aware from the May 20 podcast. On the May 20 Podcast, Motorola gave a presentation on CommandCentral Aware. Agencies who would like to have a license(s) should submit a Zendesk ticket. Agencies that are interested in learning more, or would like the demonstration for other employees, please submit a Zendesk ticket. If there is enough interest, we will have Motorola repeat the presentation.   This was a last call for those interested in licensing.

APX4000. An emergency activation configuration change has been applied to 21 agencies/389 radios have been programmed. The following agencies need to schedule their APX4000 radios for program updates. Reminder that walk-in traffic is available Tuesday through Thursday 8:30 to 4:00. The update will take about 15 minutes. The goal is to get this completed during the two-week testing period for the XNs in order to complete this project and to free up the programmers for final programming of XNs.

Elmhurst PD	1
Lombard PD	7
Wheaton PD	1

PAC Focus Groups
The Police Focus Group did not meet in July, no August meeting is scheduled as of the writing of this document.

The Fire Focus Group did not meet in July. The next meeting has not been scheduled.

PAC DEDIR System Monthly Summary
Motorola Wednesday Morning Status Call – July 2, 2025
AXS Consoles: All consoles have been installed at both dispatch centers. Motorola is still actively working to resolve the issues we have seen at Du-Comm regarding logouts and speaker mapping. Based on current research by our product team it is tied back to the Moto Patch. There is an additional patch that will be coming out to clear this up and reduce future occurrences. I will also be working with Gregg to ensure all spare equipment has been accounted for that has been used for installation due to equipment issues.

DFSI: Installation is scheduled for ACDC for July 9th. There will be a Motorola team on site the morning of the 9th to start installation and configuration.

Encryption: Motorola is looking to schedule an in person meeting with ETSB to address remaining questions regarding finalizing the encryption consulting plans completion

Motorola Wednesday Morning Status Call – July 9, 2025 no call - ETSB Board meeting.

Motorola Wednesday Morning Status Call – July 16, 2025
AXS Consoles: Motorola has scheduled to have multiple STs on site the week of July 21 to begin installing the updated patch at both centers. The techs will need to install it at each position individually. We will be starting the patches at DU-COMM and then moving on to ACDC. Installation time is unknown at this moment as work has not begun, but it is expected to take several days to implement. The goal is to eliminate the speaker mapping issue and the logging out issues that have been seen.

DFSI: The Motorola DFSI team was on site last week and was unable to make much progress on installation. There was some confusion on the Moto side with regards to programming that needed to be addressed. We are rescheduling a team to return to start the process again and working with Jim Connelley and his team to meet their expectations.

Encryption: Meeting with ETSB is scheduled for 7/22 to discuss additional details pertaining to the implementation of the encryption consultation project. More details to follow scheduled meeting

Motorola Wednesday Morning Status Call - July 23, 2025
AXS Consoles: Motorola tech team is on site this week working through the installation of the moto patch at each position. As of last evening they have completed 6 confirmed positions at DU-COMM and will continue to work until complete.

DFSI: DFSI Motorola team is back on site this week to work through installation. Progress is being made, but there are a few issues with scope and consolette programming to be addressed. Anticipated installation and cutover by the end of this week

Encryption: Motorola and ETSB met on Tuesday 7/22 to discuss implementation and needs for the encryption project. ETSB provided needed information to Motorola and Matt Downer is compiling remaining information to complete the process for consultation. Prior to full release, Motorola will present to ETSB and discuss any changes or adjustments that might be needed before full release to all.

Motorola Wednesday Morning Status Call – July 30, 2025
AXS Consoles: Last week (July 21st) we had several techs on site to manually push updates to all of the OPs at both DU-COMM and ACDC. These updates are supposed to address the logout issues as well as the speaker mapping issues that we have been seeing at both sites. At this time, we have had one incident, but we will continue to monitor. Matt Downer is planning to come on site at DU-COMM the week of August 18 to change the connections in the switch to finish up the redundancy NICs for the OP positions.

DFSI: Techs were on site at ACDC last week to install and configure the DCGs for the DFSI. The installation was complete but ran into an issue with one of the Tait base stations. Dave Gossage from ABeep is working to get that device fixed. Motorola team will be back on site the week of August 18 to figure configuration, cutover, program consolettes and complete name changes in the provisioning manager.

Encryption: The Motorola team met with ETSB on the week of July 21 to run through the process and gather additional information for the report. Matt Downer is compiling the remaining information for his report and will present it to ETSB once complete.

Radio Alias List and Templates Updates

This document outlines the progress in gathering essential documents from agencies, including Alias Lists, template selections, and sign-off memos. This overview captures the ongoing collaboration and systematic efforts to ensure all submissions align with the required standards. The following data provides a detailed breakdown of the current stages and distribution within the collection process.

Documents Submission Status as of June 24	
Configuration Completed	29
Total Agencies	**29**
Template Selection	
Option 1 Current Template No HZ	2
Option 2 with HZ in Selectable Channels	6
Option 2 NO HZ in Selectable Channels	21
Total	**29**