



Emergency Telephone System Board Of DuPage County

DuPage Emergency Dispatch Interoperable Radio System (DEDIR System)

APXNext XN:

Following is the updated schedule for deployment to date.

Fire agencies that have submitted the Certification/IGA as of 09/30/2025:

	Certification	Fleet Map	IGA Received	IGA Approved	Deployed
<u>Agencies that do need an IGA</u>					
Bartlett FPD	X	X	X	September 17	August 29
Bloomington FPD	X	X	X	September 17	October 9
Carol Stream FPD	X	X	X	September 17	August 21
Clarendon Hills FD	X	X	X	September 17	Waiting on confirmation
Darien-Woodridge FPD	X	X	X	September 17	October 7
Downers Grove FD	X	X	X	September 17	October 7
Elmhurst FD	X	X	X	September 17	October 9
Glen Ellyn VFC	X	X	X	September 17	October 17
Glenside FPD	X	X	X	September 17	October 9
Hanover Park FD	X	X	X	September 17	October 6
Hinsdale FD		X		-	TBD
Lisle-Woodridge FPD	X	X	X	September 17	October 16
Lombard FD	X	X	X	September 17	October 6
Oak Brook FD	X	X	X	September 17	Waiting on confirmation
Oakbrook Terrace FPD	X	X	X	September 17	Waiting on confirmation
Roselle FPD	X	X	X	September 17	September 11
Villa Park FD	X	X	X	September 17	October 6
Warrenville FPD	X	X	X	September 17	August 25
West Chicago FPD	X	X	X	September 17	October 6
Wheaton FD	X	X	X	September 17	October 10
Winfield FPD	X	X	X	September 17	October 10
York Center FPD	X	X	X	September 17	October 17
Total	21	22	21		
<u>Agencies that have an IGA</u>					
Addison FPD	X	X	N/A		September 12
Bensenville FPD	X	X	N/A		August 28
Itasca FPD	X	X	N/A		September 2
Pleasantview FPD	X	X	N/A		September 3
Tri-State FPD	X	X	N/A		September 4
Westmont FPD	X	X	N/A		August 26
Wood Dale FPD	X	X	N/A		August 25
Total	7	7			
Grand Total	28	29	21		12



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Police agencies that have submitted the Certification/IGA as of 09/30/2025:

	Certification	Fleet Map	IGA Received	IGA Approved	IGA Status
<u>Agencies that do need an IGA</u>					
Bartlett PD	X	X			
Burr Ridge PD		X			
Carol Stream PD					
Clarendon Hills PD	X	X			
Darien PD					
Downers Grove PD	X	X			
Elmhurst PD					
Glen Ellyn PD					
Hanover Park PD		X			
Hinsdale PD	X	X			
Lisle PD					
Lombard PD	X	X			
Oak Brook PD					
Oakbrook Terrace PD					
Roselle PD					
Villa Park PD					
Warrenville PD	X	X			
West Chicago PD	X	X			
Wheaton PD					
Willowbrook PD		X			
Winfield PD	X	X			
Woodridge PD					
Total	8	11	0		
<u>Agencies that have an IGA</u>					
Addison PD	X		N/A		
Bensenville PD			N/A		
Bloomington PD			N/A		
DuPage County Forest Preserve			N/A		
Glendale Heights PD			N/A		
Itasca PD			N/A		
Westmont PD			N/A		
Wood Dale PD			N/A		
DuPage County Sheriff	X	X	N/A		
Total	2	1			
Grand Total	10	12	0		

APX8500 Mobile Replacement: ETSB staff and ASA Winistorfer are working out the procurement details to present a purchase recommendation to the ETS Board. There was a supplemental memorandum provided to the Board regarding this swap in September. A purchase order is on the October agenda for the replacement device as noted previously in this report.



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CommandCentral Aware: As reported last month, Motorola gave a presentation on CommandCentral Aware. ETSB is finalizing agency interest and will be working with Motorola on this licensing. This project is in process pending fire radio roll out.

APX4000. An emergency activation configuration change has been applied to 21 agencies/389 radios have been programmed. The following agencies have been reach out to schedule their APX4000 radios for program updates. The update will take about 15 minutes.

Wheaton PD 1

PAC Focus Groups

The Police Focus Group did not meet in September, the next meeting has been scheduled for October 1, 2025.

The Fire Focus Group met on September 24. The following is a summary of the meeting submitted by Chief Clark.

1. Portable Radios
 - a. Status of Roll-out
 - i. Waiting for approval of the DU-COMMIGA and then should be ready to begin roll-out to remaining DU-COMM agencies. ETSB can generally handle two agencies per day.
 - b. Any outstanding issues?
 - i. There have been reports of the Emergency Button operating differently on the new radios compared to the old ones on conventional channels. More research is needed.
 - ii. Some RSM's were discovered defective "out of the box" ETSB replaced them on the spot.
 - iii. Battery life may be compromised because the batteries are two years old
 - iv. Request to consider defaulting Bluetooth to off on power up to extend battery life
 - v. Two departments requested consideration of reducing the minimum volume level on non-hazard zone channels. New radios are considerably louder than the old ones and potentially disruptive during meetings. Group reviewed the reason the level was set: If a firefighter is operating in the Hazard Zone mode there would be a tendency to turn the volume knob to its minimum setting. If the firefighter then switched to a non-Hazard Zone channel like a dispatch channel, the volume would be so low that traffic could be missed. The group will consider a change after the roll-out is complete based on programming capabilities.
 - vi. A department requested changes to some channel and talkgroup names and Viqu names to better identify their purpose. Group reviewed that channel and talkgroup names were chosen to comply with standards and the name the channels' owners use to reduce potential confusion. For example, 7AG88D is intended for helicopter use, but that is not obvious to the DuPage radio user. However, if the name was changed to "Helicopter" that would cause confusion for the helicopter crew as any of their available channels could be designated as Helicopter.
2. Mobile Radios
 - a. Status of purchase
 - i. Purchase will use Sourcewell pricing so it will not need to go out for bid.
 - b. Configuration options
 - i. Control head



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1. The slightly larger control head with two knobs was chosen and recommended by the group.
 2. All radios are basically the same, but remote and dual head radios include additional parts. Radios can be readily reconfigured in the field.
 3. Due to the reduced footprint of the main radio body, dash mounting may be an option for some applications that could not accommodate the APX 8500 in a dash mount configuration. Agencies may want to reconsider dash configuration for some of their units.
- ii. Antennas
1. Tait radios have a single mini-uhf antenna port
 2. A triband mobile antenna will be supplied with each mobile radio. Some group members observed a similar antenna mounted on an Addison Fire vehicle. The antennas are shorter and more slender than the multiband antennas provided with the 8500's.
 3. If an agency wants to use separate monoband antennas they will need a diplexer.
- iii. Wifi Puck
- Tait radio will include a wifi "puck" to connect for programming. That unit will connect to the accessory plug on the back of the radio and will also include a breakout connector for interface with vehicle headsets.
- c. Availability timeframe
- i. Director Zerwin would like to get the purchase approval on the October ETSB board meeting agenda to keep the project moving forward.
 - ii. The current lead time in the equipment indicates delivery in January or February. If the purchase approval is delayed, the factory holiday shut-down would add up to two months to delivery time.
 - iii. The group discussed equipment testing and ultimately agreed to support an October purchase approval.
 - iv. After ordering, the group will work with Tait on programming options to be ready to program quickly upon receiving the equipment.

PAC DEDIR System Monthly Summary

Motorola Wednesday Morning Status Call – September 3, 2025

AXS: Motorola has assigned additional Field Engineers (STs) to help with trouble shooting and data collection if additional issues occur. Additionally, Motorola is working to bring members of our technical support teams to the weekly calls to help answer questions as to what fixes are being worked on for the logging out and speaker issues we continue to face.

DFSI: DFSI has been installed at ACDC but we have a few punch list items we are working to resolve for Jim Connolley. Mainly alias naming and audio levels. The audio level issues points to a limitation in the equipment. Matt Downer is working with the product team to get additional assistance to see if it can be resolved and adjusted.



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Encryption: Matt Downer is finalizing the testing of the methods for encryption implementation and applying those to the final plan to be presented to ETSB. We are working to schedule the final review of the encryption plan at the end of September.

Motorola Wednesday Morning Status Call – September 10 , 2025 – no call

Motorola Wednesday Morning Status Call – September 17, 2025

AXS Consoles: No current updates at this time. On Thursday 8/14 both DuPage and ACDC had 6 positions log out and they were unable to log back in, even after restarting the position. In working with technical support, it seems that there was an update at the core and the ZDS router was down for reboot. This caused the consoles to drop off and made them unable to log back in. We are currently working to get additional information as to why this occurred. At this time we also have internal escalation calls to address the ongoing issues that have been seen at DU-COMM with the consoles. I am hoping to have more information on this soon.

DFSI: Jordan is still planning on being at ACDC the week of 8/18 to finish installation and cutover for the DFSI at ACDC. We have worked with Jim Connolley to ensure all pieces of the system will be updated and addressed according to his concerns, including programming consolettes. This work is anticipated to be complete by the end of next week.

Encryption: The next meeting with Motorola and ETSB is scheduled for 8/25 where we will review the changes and updates from our last meeting. This will allow ETSB to address any concerns or changes they need made prior to rolling out the plan.

Subscribers: I was contacted by Chris Chisnell this week about returning a large number of mobile and portable radios. I am currently working with our returns team to organize the return of this equipment. I should soon have shipping labels and will work with our logistics team to have them picked up. As soon as I have more information on this I will share and continue to work with Andy S and ETSB to return the items as planned.

Motorola Wednesday Morning Status Call - September 24, 2025

AXS: Motorola is pulling in additional technical support to address issues with consoles. There were updates done two weeks ago that have helped with some of the issues. There was a patch pushed out the week of 9/15 and we have seen some positions have logging off issues. Please ensure that all PCs get restarted to fully apply patch. Additionally, Motorola invited two new people to the weekly calls to address the open tickets and what steps are being done to get those issues resolved and how to prevent them from happening in the future. This additional support will continue on the calls as needed.

DFSI: Motorola has pulled audio packets and sent them for analysis to see if the audio issues we are seeing at ACDC can be resolved. At first level review, there does not appear to be a resolution, but we are asking for this review to be pushed to higher level engineers to get full information. We are still waiting on a response from that team.

Encryption: Motorola and ETSB have scheduled the final review of the encryption plan for 9/30. At that time Matt Downer will provide the full plan with procedures and address any remaining DuPage County questions.