

South Dakota Public Safety Communications Council

Important Notification 3/16/2017

Purpose:

This bulletin provides formal notification to users of the South Dakota Statewide Radio System of timelines associated with system upgrades and actions that must be taken by agencies with radios operating on the system to ensure their equipment remains functional.

System:

The public safety radio system currently in use in South Dakota was initially installed between 2001 and 2003. As with all technology, this system has a technical shelf-life and must be upgraded prior to 2025 when all support for the current system will be discontinued. The next step, for both the system and users will be to Project 25, or P25, which will provide a new operating system for both the system and radios. Significant planning and infrastructure upgrades have been implemented in preparation for this transition, with state investments of approximately \$13M over the past five years. The initial next step is to ensure that all radios are P25 compliant and capable of operating on the new system; this will involve both upgrades and replacements of agency radios.

Important Dates:

Present-July 1, 2023: All radios operating on the statewide system must be equipped with the P25 Software and programmed with both the legacy and P25 profiles.

December 31, 2018: State Radio will make available updated programming templates for the P25 profiles.

December 31, 2017: Last date to purchase P25 upgrade for the XTS/XTL 1500/2500 series radios.

December 31, 2019: End of depot repair services for XTL/XTS 1500/2500 series radios.

July 2023: Begin system conversion regionally. Users will move to the P25 profile in their radios.

Agency Responsibility:

As in the past, agencies are responsible for their radios; the state will maintain the network infrastructure. Agencies should begin now to: (1) identify the radios they have, (2) collaborate with your regular radio service shop to determine if your radio is equipped with the P25 option, and (3) determine internally a path ahead for your radios, be that upgrade or replacement.

Below is a listing of most of the radios compatible with our legacy system and pertinent information:

Brand	Series	Sales To:	Repair To:	P25?	Notes:
EF Johnson	5100/5300	Discontinued	Discontinued	Capable	Original series radios, replace.
EF Johnson	5300ES	3/15/2017	10/1/2022	Capable	Agency decision to update/replace.
EF Johnson	Viking	Current line	10+ years	Capable	If not P25, add software to radio.
Kenwood	Viking	Current line	10+ years	Capable	If not P25, add software to radio.
Motorola	XTS3000	Discontinued	Discontinued	Not capable	Replace
Motorola	Spectra	Discontinued	Discontinued	Not capable	Replace
Motorola	XTL/XTS 1500	Discontinued	Discontinued	Capable	T7192 and Q574AG \$115 (Plus Install)
Motorola	XTS2500	Discontinued	12/31/2019	Capable	T6811 and Q574AC \$345 (Plus Install)
Motorola	XTL2500	Discontinued	12/31/2019	Capable	T7247 and G361AG \$390 (Plus Install)
Motorola	XTL/XTS5000	discontinued	12/31/2018	Capable	Upgrade no longer available.
Motorola	APX	Current line	10+ years	Capable	If not P25, add software to radio.

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