



## Radio Updates Required in 2023

After nearly 20 years of operation, the State Radio system requires an operating system update, much the same as a computer upgrade from Windows 7 to Windows 10. The upgrade (P25) will require changes to the network, as well as, to the radios operating on the network.

All radios will require programming changes and some older radios will require replacement. Coordination with radio vendors **AT THIS TIME** is critical to ensure an organized transition from the current SmartZone system to P25.

- ! Radio vendors around the state have the programming information for the updated system. Please contact your contracted radio shop to determine next steps immediately to avoid losing communications after the upgrade in your area.
- ! Radios will either need to have both SmartZone and P25 systems installed, or the radio would need to be immediately replaced with a P25 only radio during upgrade. The second option will provide challenges for scheduling but would allow new radios to only need one operating system.



**Caution:** Even if your radio is relatively new, it does not necessarily mean that it is P25 compatible. If you still have any questions about your radios and the level of preparedness of your agency moving towards full P25 compatibility, please **REACH OUT TO YOUR RADIO VENDORS** as soon as possible!

Here is radio-specific information about capability for the updated P25 system:



XTS1500 - These radios have 2 different models with and without a display and will only support one system at a time, flashport upgrades are no longer available from Motorola.



XTS2500 - 4 models available supports P25 if sold with the option at time of purchase. Flashport upgrades are no longer available from Motorola.



XTS5000- 3 models available supports P25 if sold with the option at time of purchase. Flashport upgrades are no longer available from Motorola.

XTS3000- Does not support P25



APX4000 – only one system at purchased

option, but do support P25, flashport upgrade is available in required.



supports a time if w/P25



APX6000

APX6000xe

Supports P25, flashport upgrade is available if required. APX6000Li versions only support one system at a time.



APX7000



APX8000

Supports P25, flashport upgrade is available if required.



APX4500 Mobile - Supports P25 but only one system at a time, flashport upgrade is available if required.

APX6500 Mobile - Supports P25, flashport upgrade is available if required. APX6500Li versions only support one system at a time.



APX7500 Mobile - Supports P25, flashport upgrade is available if required.



APX8500 Mobile- Supports P25, flashport upgrade is available if required.



XTL1500 Mobile- will only support one system at a time, flashport upgrades are no longer available from Motorola.

XTL2500 Mobile- Supports P25 if purchased with P25 option, flashport upgrade is no longer available.



XTL5000 Mobile- - Supports P25 if purchased with P25 option, flashport upgrade is no longer available.



Astro Spectra Digital Console – Does Not Support P25



Astro Spectra Mobile - Does not support P25





EF Johnson 5300 Mobile and 5100 Portable - Do not support P25

**Additional Questions?** Please contact Trent Nincehelter at 605-773-3860 – [Trent.Nincehelter@state.sd.us](mailto:Trent.Nincehelter@state.sd.us), or Todd Dravland (SWIC) at 605-773-4635 – [todd.dravland@state.sd.us](mailto:todd.dravland@state.sd.us)