

POP 25: PROGRAMMING OVER PROJECT 25



STREAMLINE THEIR UPDATES. AND STRENGTHEN YOUR SAVINGS.

Your first responders are in the field—battling fires, responding to emergencies, and protecting lives. Updating their radios with a new code plug configuration or making a modification to an existing one can be time-consuming and labor-intensive. In fact, locating and reprogramming radios takes them away from their mission and can cost your agency thousands of unproductive man-hours.

We listened to these concerns and developed the first Programming Over Project 25 (POP25). POP25 streamlines the process so Motorola ASTRO®25 two-way radios can be accessed and updated over-the-air using digital ASTRO 25 Integrated Voice and Data (IV&D) conventional and trunked systems. Now your responders can enjoy all the advantages of ASTRO 25 without lost time or logistical challenges.

KEY FEATURES

Update easily, wirelessly

Update anytime, anywhere within the radio coverage area via the ASTRO 25 IV&D network. Once a configuration update is downloaded to the radio, your users can install new changes immediately or delay changes to be installed on the radios as they are being powered up. Radios can also be configured to let users accept or reject an update.

Gain total configuration control

Get access to all configuration parameters programmable through the Customer Programming Software (CPS) to perform updates over-the-air.

Specify the exact changes

Update only the new changes needed and save time by not requiring a full code plug re-write, just a partial one.*

Download without losing communication

Retain full use of the radio during the configuration data transfer without interrupting communication.

- Voice always takes priority over POP25 data transfers
- When a voice call ends, POP25 starts where it paused programming; there's no need to restart
- Users do not have to switch to a non-busy or conventional channel
- User do not have to stay in an area with high signal strength during the download
- All radio functions and capabilities are accessible and enabled during download

Schedule in advance automatically

Use the POP25 Scheduler to queue up to 16 radios for updates over-the-air using templates. The system will automatically generate a report showing which radios were successfully programmed.

Update simultaneously

Update a number of radio users at the same time through multiple programming stations.

Fix programming mistakes without added costs

Programming errors can cost agencies hundreds of lost man-hours. By using POP25, mistakes can be rectified over the air quickly, without any impact to users.

Be confident radios are secure

POP25 requires an Advanced System Key (ASK) to prevent unauthorized programming of radios over the ASTRO 25 trunking systems. POP25 can also work with the Encrypted Integrated Data (EID) feature for ASTRO 25 trunking systems that require data confidentiality. POP25 requires AES encryption when used with ASTRO 25 conventional systems for secure over-the-air programming.

Save time and training

POP25 uses the familiar CPS interface, and is engineered to be very easy to use for technicians and users alike; minimal training is required.

Be assured of system support

POP25 is currently supported on the XTS/XTL and APX platforms for both ASTRO 25 conventional and trunked systems. POP25 is supported on XTS/XTL 1500 for trunked operation only.

* Available on XTS and XTL radios only.

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