

Motorola Solutions Radio Management / Data Modem Tethering

Meet Carley



Carley is a senior IT Manager for a large police department that uses Motorola Solutions radios. Her job is to ensure that all radios have up-to-date firmware encryption keys and talk groups.

THE CHALLENGE

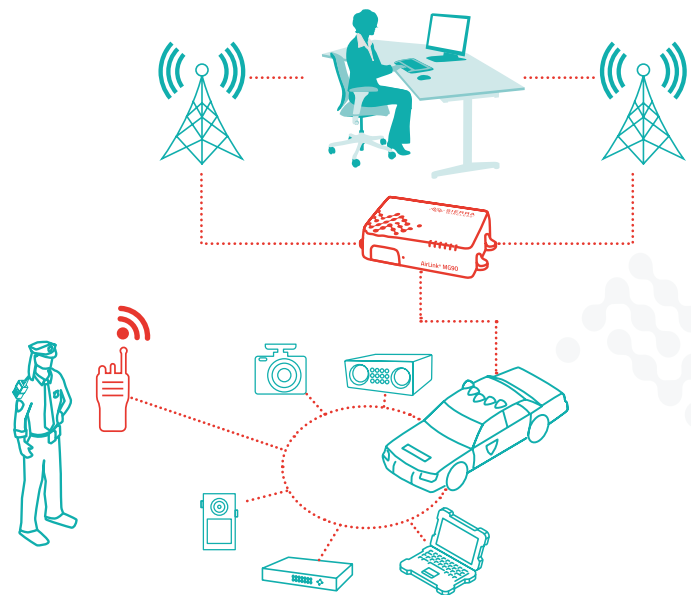
RADIO UPDATES OVER P25 CAN TAKE A WEEK OR LONGER.

Radio updates in the field can take a long time as P25 data is lower priority versus voice and GPS traffic. The alternative is to update equipment at the station. However this takes radios and vehicles out of service while the updates are being made.

THE SOLUTION

UPDATE MOTOROLA SOLUTIONS APX RADIOS USING SIERRA WIRELESS IN-VEHICLE RUGGED CELLULAR ROUTERS.

Carley's team now implements over-the-air radio updates using Motorola Solutions radio management via the in-vehicle Sierra Wireless rugged AirLink® router. Using data modem tethering, radio updates are quickly delivered over the broadband data pipe.



THE RESULTS

FIELD RADIO UPDATES IN MINUTES.

Using data modem tethering through the vehicle's rugged AirLink wireless router enables Carley to update radios in minutes, instead of taking a day or more using the P25 data channel. This keeps the radios and vehicles on the front line instead of at the station. Talkgroups can be updated in the field, enabling different crews and officers responding to an incident to communicate instantly. This ensures that offices have always-on communications, devices with the latest firmware updates, security patches and updated talk groups for critical communications.