

SMARTLOCATE

TRACK YOUR LOCATION WITH PINPOINT ACCURACY

ROUTE RESPONDER LOCATION INFORMATION OVER BROADBAND, FOR FAST UPDATES, EASY SCALABILITY AND RAPID DEPLOYMENT.

DETAILS

A radio's GPS location information is usually sent to the dispatcher over a data channel on the radio network. Continuous innovation has improved accuracy and availability, but the narrowband data system imposes limitations. SmartLocate overcomes these limitations by routing the location information over broadband networks.

BENEFITS

- **Fast Updates:** Location updates can be sent more frequently (maximum: 1 update every 3 seconds). Dispatchers and radio users can now track first responder locations, in CommandCentral or SmartMapping, with improved accuracy, especially during fast-moving situations.
- **Easy Scalability:** Location-tracking is not limited by the capacity or availability of your P25 data channels. An entire fleet of radios can be tracked with no impact to the radio system.
- **Rapid Deployment:** Because no advance provisioning is required, new individuals and teams can be added to the system at a moment's notice.

SmartLocate is seamlessly integrated into CommandCentral Aware and SmartMapping, giving dispatchers and radio users a clear view of personnel and their locations.

SmartLocate also triangulates its location from broadband networks (LTE and WiFi) to enhance accuracy — particularly when the radio is unable to access the satellite (GPS) system.

COMPATIBLE PRODUCTS

- APX NEXT series
- APX N70

DEPENDENCIES

To map device locations for dispatch, a license for CommandCentral Aware is required.

To map device locations on APX NEXT or APX N70, a license for SmartMapping is required.

INFRASTRUCTURE IMPACT

None for SmartLocate implementation.

IMW and Cloud Connector needed to use Dynamic mode.

COVERAGE

SmartLocate sends location reports over LTE or WiFi by default. If LTE is not available, the radio will dynamically fall back to P25.

SECURITY

End-to-end: Location data is encrypted from the radio all the way to CommandCentral Aware.

DELIVERY

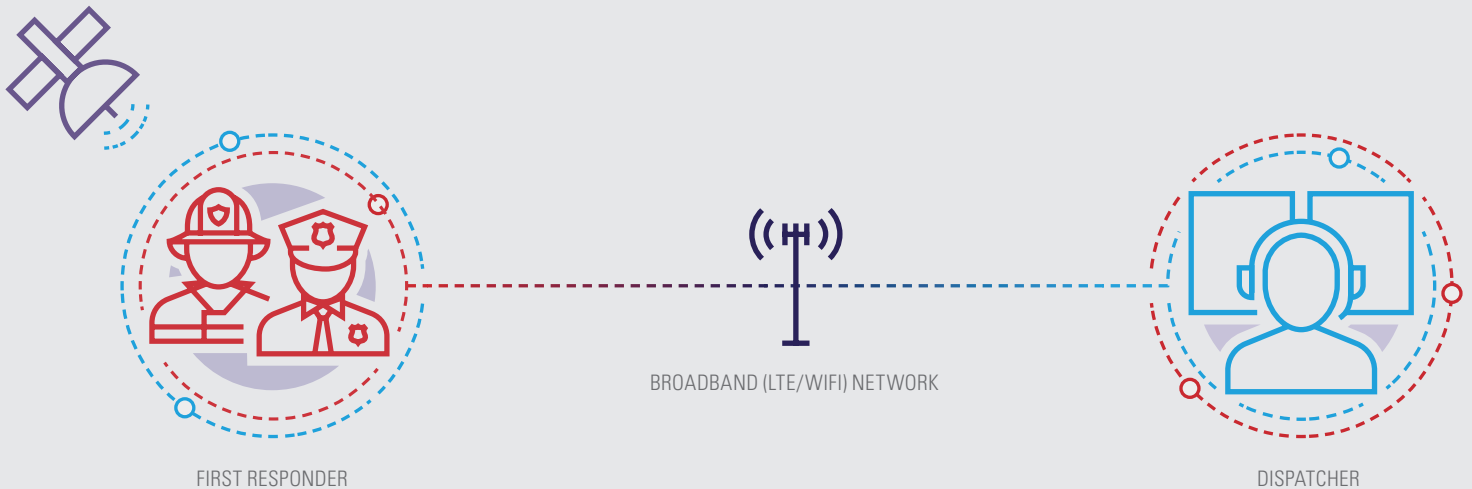
SmartLocate is purchased as an application service and is charged per radio per month. Please speak with your account executive to learn about other available plans.



AN ENTIRE FLEET
OF RADIOS CAN BE
TRACKED WITH NO
IMPACT TO THE
RADIO SYSTEM.



NETWORK ARCHITECTURE



USE CASES

HIGH SPEED PURSUIT

When officers are in pursuit of a suspect, they rely on dispatchers to monitor the situation and ensure the safety of the operation. SmartLocate pushes accurate GPS updates every three seconds – making it easy to see exactly where everyone is located at all times. In addition, integration with CommandCentral Aware enables dispatchers to map all units and direct the operation to a safe conclusion.

DISASTER RELIEF

Following a devastating storm, neighboring rescue teams are dispatched for assistance. SmartLocate enables easy scaling of your radio system to handle all positioning data for the additional personnel – helping to seamlessly coordinate the response using the CommandCentral Aware map.

NATIONWIDE LOCATION-TRACKING

An ambulance is dispatched to a car crash in a valley where radio coverage is patchy. But because SmartLocate uses LTE, your dispatcher can continue to monitor the locations of all your responders - even beyond the radio network.

For more information, please visit
www.motorolasolutions.com/smartlocate



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