

Advanced Location Services

Why ALS?

Advanced Location Services

Advanced Location Services extends GPS tracking technology to your dispatch operations, enabling dispatchers to quickly and effectively manage your teams and, most importantly, improve their safety. Omnitronics has done the hard work for you by offering a variety of mapping solutions that are compatible with all of the major brands of digital radio and the latest radio technologies.

Interoperability

Many radio standards do not include specifications for the transmission of GPS data, meaning each radio manufacturer has established their own proprietary method and therefore GPS data cannot be shared across different brands.

By using Digital Radio Gateways, this issue is overcome by translating the GPS data into one common language. Omnitronics has partnered directly with many radio manufacturers to ensure compatibility with Advanced Location Services.

This technology also supports interoperability across protocols such as P25, DMR and Tetra.

Choice of Maps

Advanced Location Services comes with free MapQuest maps as standard. However, you can choose from a wide variety of mapping providers.* Additionally, your own custom maps can be integrated.

* License fees will apply to some mapping providers.



Interoperability

The flexibility to grow with demand.



Direct Integration

Operational productivity and safety all in one.



Choice of Maps

No additional hardware to be maintained or replaced.



Improved Collaboration & Productivity

ALS Server which provides centralized configuration and control.



Enhanced Emergency Management

Enabling operators to dynamically create "Emergency" geofences.



Customization

Customer specific requirements to suit company needs.



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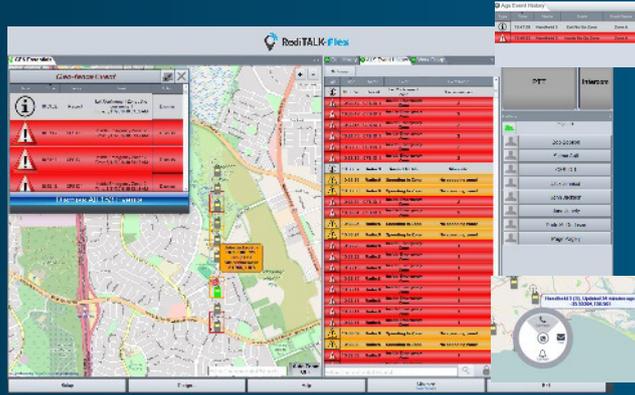
Direct Integration Into RediTALK-Flex & Alto

ALS not only includes its own ALS Viewer (for location tracking, setting up geofences, historic reporting and more) it also integrates directly into RediTALK-Flex or Alto using the standard GPS Essentials map. Dispatch Operators will receive notification of the events/warnings directly from RediTALK-Flex or Alto & see current locations and directly call or message the radio from the console. This means the operator does not need to leave the dispatch console screen for most day-to-day operations.

Customization

Omnitronics understands that each organization is unique and therefore has unique requirements for what and how GPS information is presented. As such, Advanced Location Services can be customized to suit these needs.

Advanced Location Services



Enhanced Emergency Management

Knowing where all your personnel are is key to ensuring their safety in the case of an emergency. Advanced Location Services takes this even further by enabling operators to dynamically create "Emergency" geofences. The operator can quickly specify an area in which people should be evacuated from and issue immediate warnings & instructions. They can then continuously monitor and update users within that and other zones throughout the event.

Improving Collaboration & Productivity

Advanced Location Services includes the ALS Server which provides centralized configuration and control of the many features available. Additionally, if one operator updates a geofence via ALS Viewer this is immediately communicated back to the server and to all other ALS Viewer installations. This means that all operators work from the same information without the need for manual duplication of data.

Components

Features Summary

ALS Server

Central Control & Configuration

Dynamically create geofences of multiple types such as No Go, Speed, Confinement and Blast Event

Create multiple alarms and notifications derived from the geofences such as entry and exit alarms

ALS Viewer

Map Viewer showing Radio Location & Status.
Setup and View Geofences
View & Export Route History

Licensing structure is based on number of operators, number of channels and installed feature packs

Create customized actions against each of these events. i.e Alerts to the operator are customisable such that certain events can be ignored or coloured differently.

Manage multiple Maps and Workspaces at one time

Lost Contact status for units whom haven't provided GPS data for a pre-defined period of time

Historic Route Tracking and Playback

Choice of maps including the ability to upload your own maps

RediTALK-Flex or Alto

Displays Radio Location & Status
Receive Geofence Alerts
Event History Log
Direct Dial or Message Radio Users

Enhanced Emergency Management

Integration with GPS Essentials on RediTALK-Flex or Alto

Configuration, location and event data is stored in a centralised SQL database. Reports on this data can be extracted from the database

Ability to send customised email alerts for geo-fence events

Core Industries

World Class System Across All Fields



Emergency Services



Utilities



Mining



Maritime



Public Safety