

# PERSONNEL LOCATOR SOLUTION

**INCREASE EFFICIENCY AND SAFETY IN THE FIELD WITH MISSION-CRITICAL PERSONNEL LOCATOR**



## THE CHALLENGE: IMPROVE PRODUCTIVITY; PROTECT LONE WORKERS

Very little impacts productivity more than being ill-prepared to respond to the task at hand. The effects can be far-reaching - precious minutes are wasted while appropriate resources are identified, mission-critical personnel are delayed arriving on scene, essential and nonessential resources are misdirected and citizens are inconvenienced or put at risk.

Mission-Critical personnel who work alone can also be put at risk. From traffic police and security personnel to facility management and field operations, often their only link with the control room staff or supervisors is voice communication using push-to-talk radios. But what happens in unusual or high stress situations when the worker is unable to communicate over the radio to relay their status and location?

## PLATFORM EFFICIENCY AND SECURITY

Motorola Solutions Personnel Locator offers a real-time collaborative map with real-time tracking and instant updates of location and status of your personnel. It is administered and operated through an easy-to-use interface, with advanced geofencing features, messaging capability, and access to various datasets that helps to optimise task management. This visualisation of all users' location and status using their TETRA or ASTRO radio can help improve safety, increase staff productivity and minimise operating costs.

## THE SOLUTION: GIVE CONTROL ROOMS VISIBILITY WITH PERSONNEL MAPPING

The Motorola Solutions Personnel Locator solution gives your control room operators the ability to accurately locate and track DIMETRA™ or ASTRO users and vehicles using GPS, and continuously monitor their location and status. Having a location tracking service in place makes workers alone in the field feel safer and less vulnerable. It also enables your operation to be more efficient, as by knowing where your personnel are and their status, you are able to dispatch your closest and most qualified resources to where they are needed.

### THE MOTOROLA SOLUTIONS PERSONNEL LOCATOR SOLUTION IS AVAILABLE IN TWO TIERS: GEOFENCE AND ADVANCED.

#### GEOFENCE SOFTWARE FEATURE TIER INCLUDES:

Geofencing
Real-time Position Tracking
User Status Information
User Notifications and Emergency Alerts
Support of Multiple Back-office Clients
Exporting Location and Status Information
Offline Maps
History Playback
Compressed Communication Protocol
Single Agency License

#### ADVANCED SOFTWARE FEATURE TIER INCLUDES:

ALL GEOFENCE CAPABILITIES PLUS:
Historical Timeline
Map Layers
Collected Data Management
Real-time Collaboration
Messaging
Task Management
System Configuration
Multi Agency License

## CONFIGURABLE AND FLEXIBLE MANAGEMENT

The Personnel Locator solution allows several levels of administration. The lead administrator can assign access rights to designated operators to manage local user accounts, and enable users to have the appropriate level of information for their role.

## END-TO-END TESTED SOLUTIONS

The Personnel Locator Solution has been developed and tested alongside DIMETRA and ASTRO in our reference labs, and hardened across multiple real-life deployments. With ownership of the end-to-end solution we can ensure quality, integrity and security are maintained.

## SUPPORT: THIRD PARTY MAP PROVIDERS

The Personnel Locator solution can integrate with various map providers' products through the standard WMTS interface. The customer is responsible for purchasing the map license, which Motorola Solutions can configure the system to use. At the present time, Motorola Solutions provides licensing for customers who wish to use Open Street Maps (OSM) for their base maps. Otherwise, customers may provide their own base maps.

## SUPPORT: ADDITIONAL FORMATS

Personnel Locator supports the import and export of a variety of geographic data formats. Each is suitable for different types of information which implies also the level of support:

- Key Markup Language (KML)
- KMZ (same level of support as KML with addition of attachments)
- GeoJSON (export-only – same level of support as KML)
- CSV (structured geolocated data e.g. field reports)
- GPX (route tracking information)
- RSS (news feeds – export of textual contents of the reports)
- CAP (import-only – geolocated incident reports)

## TAILORED MAPPING FOR EACH CLIENT USER

Operational data can be partitioned across different user roles dependent on the roles and permissions granted by the administrator. Each user on the system is able to see simultaneous map views that are specifically tailored for them and their specific job tasks.

## ESSENTIAL SUPPORT SERVICES

Ensure your solution is properly configured and performing at maximum performance levels with Essential Services support.

The following describes the standard and optional elements of the Essential Services package for the Personnel Locator solution. Previously contracted mapping customers should contact their Motorola Solutions account manager for more information on available services.

### Standard Essential Package provides:

- Service Desk
- Technical Support
- Hardware Repair
- Software Maintenance Agreement
- Security Update Services

### Optional Items (not included in the Standard Package)

- Onsite Services (including on-premise equipment support, plus Onsite Security Updates and Software Updates Deployment Services)

As the solution includes software, hardware and services, you can enjoy a single source of support, confidence and peace of mind that the solution has been Motorola Solutions validated. The software updates ensure your network investment is protected and positioned to operate into the future.

## WHEN LIVES ARE ON THE LINE

It's critical to arm control room and field users with tools that provide increased efficiency, visibility and safety. The Motorola Solutions Personnel Locator solution, with its ability to accurately locate and track system users and vehicles, makes it possible to quickly, dynamically and cost-effectively manage mission-critical resources. Because when lives are on the line every second counts.

For more information about the Personnel Locator Solution, visit: [www.motorolasolutions.com/personnellocator](http://www.motorolasolutions.com/personnellocator)



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