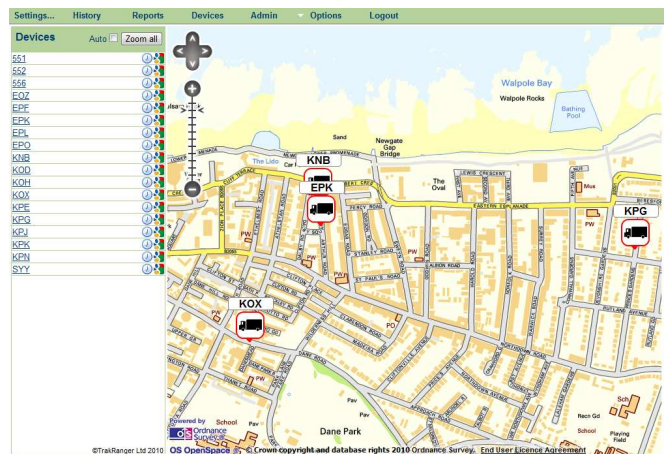# GPS Location, AVL and Messaging System

TrakRanger offers a unique and cost effective solution to providing real-time and historic location tracking and messaging for radio and mobile handsets.

As a remote hosted software solution, any number of operators can use the system concurrently, from anywhere where there is Internet access.

Combining GPS location, messaging and telemetry, **TrakRanger** has a user interface designed to be task oriented and easy to operate.

TrakRanger benefits include:

- Web-based interface with unlimited operators and zero-footprint installation
- Accessible wherever there is an Internet connection
- Simple messaging interface to send and receive text messages
- Automatic archiving of location data, messages and reporting
- Database of pre-set messages for operator convenience
- Powerful email integration allowing communication between radio and email users
- GPS tracking of radio and mobile users, updated in near real-time
- Time-based Lone Worker alarms for automated management and safety
- Man Down monitor raises automatic alarms on supported radios
- Flexible interface allows integration into third party systems like **BMS** or **CCTV**

"We are delighted to welcome TrakRanger as the United Kingdom's first Motorola Application Partner. TrakRanger is an intuitive and integrated solution to help companies enhance with their Lone Worker capabilities."

Andy Beever,
Director of Sales Northern Europe, Motorola

Geofencing and a Lone Worker System bring the safety monitoring capabilities delivered by modern radio system to life. All of the key functionality required has been incorporated into a single application, making **TrakRanger** a simple and inexpensive system to install and maintain.

A single installation can be subdivided to cover for multiple departments, leaving designated managers only able to see their own staff and assets, whilst the company enjoys savings due to only one installation and all handsets under one licence.

Any GPS-enabled analogue radio, mobile telephone* or tracking tag can be incorporated into and monitored by the system.

Another of **TrakRanger's** unique features is its Event Action Rules, giving users an EAR on what's going on. These enable any authorised user to create automatic actions such as sending an email or text message based on various event triggers and conditions.

For example, an EAR might be created to send an email to a manager whenever a radio or mobile is detected outside of particular area. This functionalty is included for free in **TrakRanger**, but is a very expensive add-on in competitor products.

TrakRanger is well supported, both directly by the manufacturer and the distributor network. Product development is active, with new features being released regularly, and all development is undertaken primarily in the United Kingdom.

Reports can be automated and delivered in tamper-proof formats, containing graphical and textual information customised according to requirements. Such reports will withstand later legal scrutiny, if required, as the data cannot have been altered.

Archived data is retained indefinitely, and historical reports can be generated by authorised users only.

As **TrakRanger** is web-based, there is no need to install any software or train anyone to support it. It can be deployed on as many computers as necessary without risk of infringing licence limits. Similarly, there is no need to install the latest version on each workstation or worry about compatibility issues.

In summary, **TrakRanger** is an advanced but user-friendly application which augments existing two way radio platform's, with a proven track record of reliable performance.

* mobile telephone support is currently limited to handsets running BlackBerry operating systems. Check the web site for compatibility with specific models.