



Astrium Services

VTRACKER®

Real-Time Mobile Resources Tracking System

Many situations and operations, whether national or local, require the management of multiple resources located in different places.

Today many organisations have come to realise that being able to 'see' all resources involved in an operation is vital - a picture says much more than just words.

VTracker, part of the SAFEcommand™ product suite, delivers this capability in real time. Used either from the control room or on location, all resources can be accurately positioned and all movements tracked.

Together pioneering excellence





Benefits

VTracker is a national to local visual resource tracking system, enabling all resources, personnel and vehicles to be tracked via GPS and locations to be viewed in real time on maps or aerial imagery.

- visual contact with all mobile resources
- automatic follow & track of individual/groups of resources in the field
- visualisation on map & aerial photography
- operation from control room or vehicle
- emergency alert for personnel safety
- tracking of target devices
- multi-bearer capability
- optional logging & reporting of resource movements

Via the administration system the user can configure functions such as:

- create users & assign to teams
- add, edit & remove resources
- configure visibility of resource icons
- allow resources to change radios while out on-location
- change the frequency at which resources report positions

To support an operation the controller can identify and call the most appropriate resources, monitor movement, position resources in the correct locations with a visual confirmation, confirm arrival times and more.

Key features

Emergency Alert

Once the emergency button is activated an alert is immediately shown on screen, giving the call sign, location and the direction of heading for that resource. This alert will remain on screen until an action is taken, with all actions recorded.

Track target devices

VTracker also tracks target GPS devices. They are shown on the same screen as other resources but using different icons thus making it easy for users to recognise them. The user can allocate each device a name / call sign for unique identification.

Security

VTracker includes a new and enhanced security module protecting access to the system from unauthorised users. Password options can be configured to ensure all users adhere to strict security standards, ensuring the system remains as secure as possible. It is also possible to use Windows Authentication.

Data

All maps, which are in the appropriate format, and Astrium's high resolution aerial photography can be used within the system.

Astrium continues to develop and improve VTracker. Proposed functionality includes:

- the ability to create, display and edit operational plans
- playback incidents in real time for later performance and evaluation review
- web interface for easier remote deployment/access
- international capability for use worldwide

Also within SAFEcommand is the Universal Gateway enabling integration to 3rd party mapping solutions.

System Deployment

Stand Alone

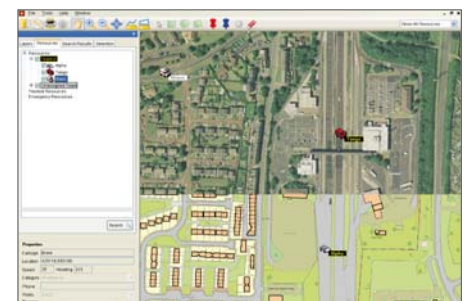
VTracker can be used to control a local operation from either a vehicle or a fixed office location. Once it is installed on a computer, so acting as a server, the application can be viewed from wherever the organisation permits, including remote access. Controllers can view all the different scenes of a specific operation.

Network

VTracker can be installed onto a secure network so that multiple users can view specific operations. This allows all controllers with appropriate login credentials to access the application. All controllers are able to see different views concurrently. It can also be deployed over an organisation intranet.



Reporting module



Aerial photography and MasterMap

ASTRIUM Geo-Information Services

Partnership House, Regent Farm Road, Gosforth,
Newcastle upon Tyne, NE3 3AF,
United Kingdom

T. +44 (0)191 213 5555
F. +44 (0)191 213 0526
E. info@astrium-geo.com

SAFEcommand™, an Astrium Services
product suite for public safety and homeland
security operations.