

View resource locations in real-time

VTracker™ visual resource 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 Imass 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.

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

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

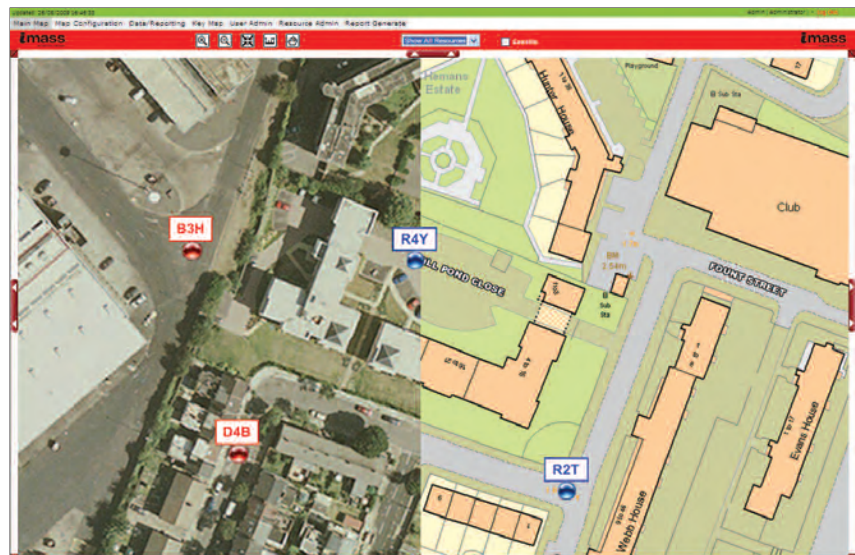
VTracker, a national to local tracking solution, enables:

- visual contact with all mobile resources
- automatic follow & track of individual/group resources in the field

- visualisation on map & aerial photography
- operation from vehicle or control room
- emergency alert for personnel safety
- tracking of target devices
- multi-bearer & international capability
- 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
- change the frequency at which resources report positions



View location of all resources (1)

Emergency Alert

For personnel safety 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. These devices are shown on the same screen as other resources but using different icons so making it easy for users to easily recognise them. With the administration system the user can allocate each device a name / call sign for unique identification.

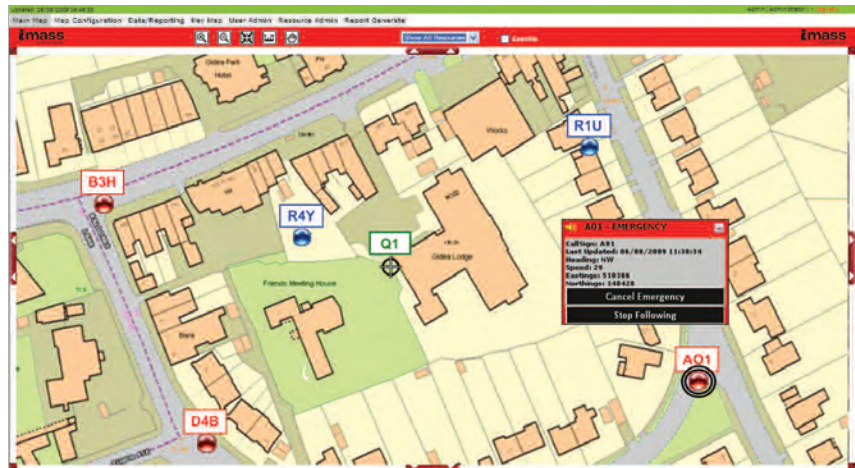
System Deployment

Stand-alone

VTracker can be used to control a local operation from either a vehicle or fixed office location. Once VTracker 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, to access this visual tracking system. All are able to view different views concurrently. VTracker can be deployed over the Internet or intranet network.



Emergency alert (2)



Track target devices (3)

Data

All maps, which are in the appropriate format, and Infoterra's high resolution aerial photography can be used within the system, as well as international data.

Products & Services

Infoterra continues to develop VTracker and has new functionality

planned, such as, the ability to create resource 'teams' and display operational plans.

Also within the Imass product suite is the VTracker Gateway which enables integration to third party mapping solutions to show resource locations.

Infoterra Ltd.

Northumbria house,
Gosforth,
Newcastle upon Tyne, NE3 3PX,
United Kingdom.

T. +44 (0)191 213 5555
F. +44 (0)191 213 0526

E. info@infoterra.co.uk
www.imass.co.uk/ips

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