

Hydra

Hydrant and Water Source Asset Management System

Hydrant management is not normally seen as a priority and yet significant cost savings can be achieved by redefining hydrants distribution and improving processes. Hydra has demonstrated that only a system specifically developed with efficiency in mind improves the service processes performance and delivers significant costs savings.

In addition, reliable hydrant information including the location of all water supply sources near to an incident and their detailed characteristics is vital. Hydra enables quick on-site decisions by providing firefighters with mapping showing all reliable water supplies.



Key features & benefits

Hydra provides an extensive range of functionality to manage every aspect of hydrant and water source information, from their initial proposed status through to routine inspections, defect management and abandonment.

- Record, track, report key aspects of hydrant management into a central system.
- Central database with up-to-date information about hydrant ownership, location and status, inspections, defects, repairs.
- Database directly updated from the field with accurate location of hydrants, results of inspection: maintain details by creating, amending and deleting hydrants.
- Easy transition from a paper/text based Hydrant Information System to a GIS.
- Optimum distribution of hydrants: visually review location and spacing according to real world factors, operational demands and other spatial information.
- Improved hydrants inspection and management processes reducing annual maintenance costs and resources involved in inspections.
- Reliable information at the incident location for the firefighters: accurate and up-to-date hydrant location, status and ownership displayed on a map.

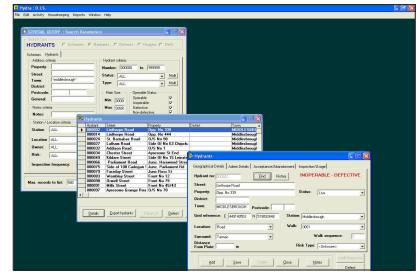
Hydra is the leading hydrant management solution in the UK Fire Service which has been adopted by more than 30 fire brigades.

With improved hydrant information management, these organisations have reduced their costs but also improved their operational efficiency and safety at incidents.

Hydra components

Hydra DIS | Desktop Information System

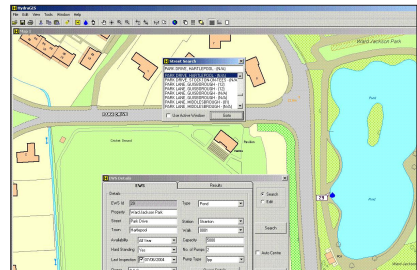
- Manages key hydrant information, data can be updated from real world actions such as results of inspections.
- An extensive reporting system allows brigades to retrieve the information for analysis and statistic generation.
- Text-based system that can be fully networked throughout an organisation.
- Uses standard Windows menu drop-down lists and is fully customisable, ensuring users have access to the functions required to carry out their duties.



DIS - Search and view hydrant information

Hydra GIS | Geographic Information System

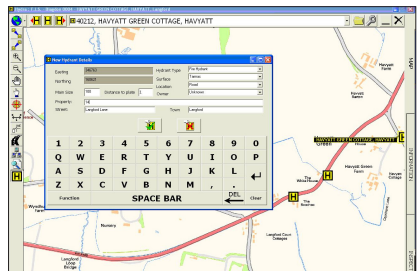
- Provides the facility to position, view, plot, relocate and update hydrants on a map.
- Comprises a combined hydrant and scheme gazetteer, hydrant status and location maintenance, redlining, viewing and a plotting tool designed to make the management of hydrant information easy.



GIS - Detail of Emergency Water Supplies

Hydra FIS | Field Information System

- GIS-based system for use in the field, for the purpose of managing fire hydrants and Emergency Water Supplies (EWS).
- Displays the locations of hydrants on background mapping utilising touch screen PCs and may be used to record the result of hydrant inspections.
- Facilities to: import hydrant data onto a mobile computer, locate hydrants, confirm the address, precise location, and surround surface for each hydrant on a given station walk/route, record hydrant inspection information.



FIS - Addition of a new hydrant

Hydra Export

- Exports data from the Hydra database to allow data sharing in Hydra FIS and other SAFEcommand™ products: CMS (Central Management System) and the mobile solution VMDS (Vehicle-Mounted Data System).

SAFEcommand™ is an Infoterra product suite.

Infoterra is dedicated to providing expertise across the entire geospatial spectrum, from data acquisition to hosting and delivery. Infoterra - All the geo-information you need.

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