

FRONTFORCE®: INTEGRATED EMERGENCY SUPPORT



Ferranti FrontForce®

ZONE BASED DISPATCHING

- Faster response times
- Zone based/regional configurable
- Seamless integration with other fire departments
- Combination of people and resources inside a specific zone

FLEXIBLE

- Tailored to your organizational processes
- Can be easily adjusted to the needs of every specific entity

MODULAR

- Integrated modules
- Possible to start with a minimum configuration, and expandable according to evolving requirements
- Low Total Cost of Ownership (TCO)

Zone-based, flexible and modular

Increasing performance requirements and the reformed zone structure present a particular challenge for each fire brigade. To pro-actively cope with these challenges, Ferranti has created the FrontForce® solution.

Ferranti FrontForce® offers an integrated, future-proof solution for fire departments. The system consists of modules that seamlessly work together and that can be flexibly added or removed according to the evolving requirements of the organization. FrontForce® offers advanced communication possibilities with other brigades and can be used both by individual fire departments or complete zones.

The solution consists out of seven modules, that together offer a complete solution for every fire department.

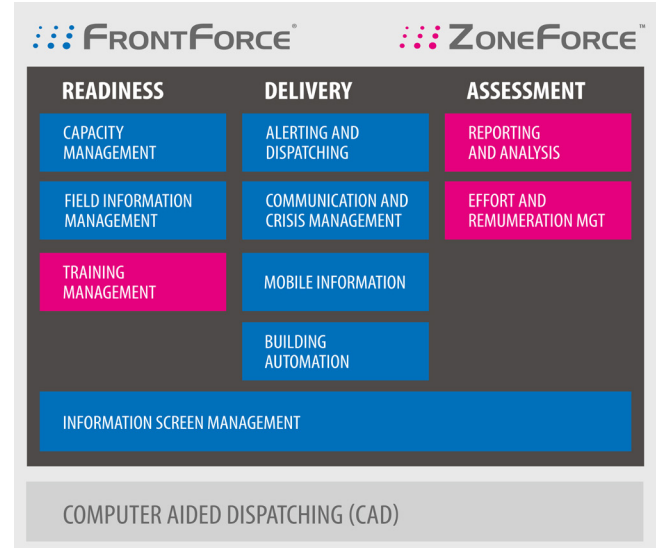
Readiness

Capacity Management

Capacity Management permanently monitors the presence and availability of resources and material to guarantee optimal move outs. By using pagers and SMS for the firemen and wireless GPS modules (MDT, AVL) for the material, the capacity can be tracked and adjusted in real-time.

Field Information Management

The module for Field Information contains maps of the complete area, as well as information about accessibility (blockades, traffic,...), available infrastructure (hydrants,...) and up-to-date information from companies. The information can be simultaneously accessed and edited by fire departments and companies.



“Thanks to Ferranti FrontForce® we arrive on scene much faster and more accurately.

Our dispatcher is presented with all information graphically displayed, which greatly simplifies the process.”

— Joris Van Linden,

Captain - Fire department of Antwerp



Delivery

As soon as an intervention is required, the Delivery modules are actioned.

Dispatching and Alerting

Dispatching and Alerting ensures all relevant procedures are automatically executed so that the correct resources are alarmed and assigned to the right vehicle. At the same time intervention details are sent to the alarmed stations, so they too will have the right information.

Communication and Crisis Management

The module for Communication and Crisis Management takes care of the synchronization between different teams and organizations within the zone. All information is displayed in a graphical and well-organized fashion so that all parties involved immediately understand the situation.

Mobile Information

The teams moving out receive an optimally calculated route to the destination via GIS and get real-time situation updates about the incident. Through global positioning, headquarters maintain an overview of all teams and material involved at the location.

Building Automation

To enable fire departments to organize a move out in the most optimal way, FrontForce® offers the possibility to prepare certain components inside the fire station. Examples of this are automatically opening the gates, turning on the lights or temporary taking control of traffic lights.

Assessment

Reporting and Analysis

All information from the previous phases is stored for Reporting and Analysis purposes. There are standard reports for fire interventions, ambulance interventions, other interventions (road clearing, wasp extermination, pump works,...) and exercises, offering valuable statistics about the interventions, but also providing the possibility to derive lessons learned from individual interventions.

Information Distribution

Via information screens and a portal it is possible to inform all stations about the latest news within the organization. Not only company information, but also schedules and operational information can be shown.

Quality and Methodology

Ferranti Computer Systems is a systems integrator, headquartered in Antwerp, with a staff of around 300 people and more than 30 years of experience.

FrontForce™ is already being used by the fire departments of Antwerp and Ghent and is currently being implemented at Zaventem and Mechelen, and has more than once proven its reliability. The solution integrates with well known products, such as Intergraph I/CAD and Magenta ZoneForce, and is implemented according to proven project methodologies.

Moreover, Ferranti is a reliable partner for managing ICT systems. Ferranti manages many business critical installations, such as pipelines and industrial processes. For systems that require maximal availability, support is guaranteed 24/7, serviced by our own dedicated Service Desk.

Ferranti delivers fully operational systems, facilitates delivery, installation and offers implementation support, including training and customer specific changes. Additionally we take care of all maintenance and daily support in-house. .

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