



Identification & Tracking

Ferranti Technologies offers products to facilitate quick and easy identification and tracking in adverse conditions or at night.

S-NAV

Location awareness is critical for emergency response teams - particularly in underground, urban, woodland and other covered areas where GPS reception is unavailable, weak or highly inaccurate.

Ferranti Technologies S-NAV uses advanced sensors to provide continuous, accurate and realtime location awareness, in any terrain, even when GPS reception is unavailable.

Features:

- Small, lightweight and low power requirements
- Weight: 140g
- Dimension: 22x60x90mm
- Power: 1.5W
- Location Accuracy: less than 2% circular error probability from distance travelled
- Height Accuracy: 1.5m root mean square
- Data Interface Type: Standard USB

NOX

NOX is a portable, handheld observation system for positive identification and surveillance at night.

NOX illuminates the surroundings with a near IR laser light that interprets and displays a natural, detailed view.

The technology is designed for both open spaces and urban areas and can identify objects through windows, fire, rain and haze.

Features:

- Class 1M - Eye safe laser
- Facial recognition from up to 150m
- Reads license plates from up to 350m
- Penetrates windows, fire, smoke and dust
- Commercial battery operated
- Video and still image recording
- High contrast, crystal clear night identification

Enabling Response, Enhancing Safety Technology for the Emergency Services





Control Training Portable
Connect Communication Simulation Network Rugged

Emergency Services

Ferranti Technologies offers fully integrated, portable and cost-effective products and solutions for the Emergency Services.

Ferranti Technologies Ltd

Ferranti Technologies has been a supplier of advanced electronic technology for over 40 years.

Specialising primarily in solutions for the aerospace and defence industries, our products are proven and in use across air, land and sea military platforms.

Our impressive portfolio of products encompasses a range of systems that would provide significant benefits to the Emergency Services including:

- Training & Simulation systems
- Networked communication products
- Digital mapping and planning tools
- Night vision technology
- Identification and tracking systems

Training & Simulation Systems

Ferranti Technologies offers advanced simulation technology for emergency services training.

Benefits of simulated training;

- Improves coordination of rescue teams and life-saving forces

- Improves the readiness of emergency teams to deal with scenarios such as public order, terrorism, accidents, hazardous materials, attacks on strategic infrastructure, natural disasters, large scale sports events and many others
- Provides comprehensive training for C³, crisis management and inter-agency coordination

Key System Features

- Realistic simulation of complex emergency events
- Capable of simulating a variety of scenarios and concurrent events
- Based on accurate simulative models and realistic representations of the complex urban arena
- Chemical and hazardous materials models - dispersion, casualties, detection and decontamination
- Damage models - accurately modeling different degrees of casualties and damaged infrastructure
- Modeling of multiple response forces and crowd behaviour
- Synchronized record and replay facility
- Automatic events marking
- Debriefing and reporting

Train as you respond

Technical Information

- HLA interface protocols; decentralization of information, audio and control
- Configurable trainee workstation for agencies and first responders, multi-disciplinary incident command centre, team stations and individual trainees
- Built in modularity for image generators and various database formats
- Adaptable to COTS hardware, without any non-standard requirements

Networked Communications - CPNet™

Ferranti Technologies also supplies a networked communication system which enables a collaborative view and Common Operational Picture (COP) of emergency scenarios that require mobilisation of air, sea and ground units.

CPNet™ is a stand alone, lightweight, portable unit providing mission plans, location information and live video feeds in an easy to use, easy to understand manner.

Key benefits

- Provides an immediate and clear COP of any situation
- Ready for use anytime - no installations
- Allows diverse teams to act as a single unit with seamless communication

Technical Information

- High bandwidth and long range data link
- Integrated GPS
- Ruggedized tablet computer and laptop
- High brightness, touch operated display
- C⁴I software
- External video input
- Vehicle/internal power
- Kit carrier

