

Product Overview Fact Sheet

360° Software Solutions



Key Features

Our software solutions are all developed and offered in modules on SaaS basis
With the world's leading CBRN information management software as the starting point, our customers can:

- Seamlessly integrate to sensor hardware or other third-party systems
- Receive training specifically designed for multiple tier levels
- Receive updates, maintenance and support continuously

CBRN Software Components



Our CBRN INFORMATION MANAGEMENT SYSTEM (IMS) are easy-to-use tools for incident management, that allows CBRN coordination at all levels of response.

It has integrated RISK PREDICTION MODELLING, using meteorological data (e.g. wind speed / direction) and our algorithms predicts how the plume of contaminants will spread in urban or open-terrain settings.

FAST AND AUTOMATED WARNING

CBRN-ANALYSIS and CBRN-Frontline expedites the production of CBRN calculations, by enabling complex manual calculations to be performed digitally and improves protective measures for personnel, through faster warning and informing of CBRN risks in the operating environment.

FULL NATO COMPLIANCE

Based on the latest NATO ATP-45/AEP-45 standard and supports compliance to the Standard for NATO operations. Incorporates elements of ATP-3.8.1 CBRN Information Management as the means to address the management of all forms of CBRN defence related information.

MAXIMUM LEVEL OF SITUATIONAL AWARENESS

The software has been specifically designed to provide the user/operator with an increased level of situational awareness, through the rapid generation of CBRNE Hazard Warning Templates. The software retains the NATO ATP-45 (E) messaging formats; therefore it has the ability to share incident data from the source of potential release up through the reporting chain to Command and Control Systems.

Seamless integration & connectivity



SCIM® is a sensor connection hub that provides sensor connectivity to multiple sensor types and brands in a single and effective display.

SENSOR CONNECTIVITY

- Interfaces to sensors
- Decodes data from sensors

SENSOR MONITORING

- Analysis of data from sensors
- Shows the current status of connected sensors
- Provides sensor control: off, online, mode, settings, etc. for sensors with a command interface

LOGGING

- Continuous storage of all sensor log events
- Archiving of log data

ALARMING

- Notify operator(s)
- Submit alarm and report to CBRN Management software

COMMAND SYSTEM INTEGRATION.

Seamless integration to wide range of C4i systems.

INTEGRATION OUTPUT MODULE

Module provides the Publish CBRN COP function that export recognised CBRN picture in KML or JPEG format.

NFFI INTERFACE

Module provides automated updates to unit positions using the NATO Friendly Force Interface (NFFI).

GIS WEB SERVICES INTERFACE

Module supports access to GIS data from Open Geospatial Consortium (OGC) Web service, which allows access to WMS/WFS data that may be available to users.



Training & facilitation

ON-PREMISE TRAINING

- Detailed understanding of the software by Subject Matter Experts
- Students will learn knowledge that will reduce Skill Fade
- Instruction that is compliant to Training Needs Analysis protocols
- Certificates to all Students on the completion of the Course
- Bespoke training solutions that can fit the customers' requirements

SENSOR SIMULATION TRAINING

- Planning tool that allows the instructor to plan a scenario with chemical hazards incl. ground contamination and vapour, radiological hazards and nuclear fallout.
- Simulation executer that provides the realistic sensor readings related to a given position and time based on the simulated scenario. The position and time can be based on a simulated route or actual GPS reading.
- The ability to add materials that generate false positive results for some of the sensor types.

VIRTUAL TRAINING (CAX MODULE)

- Computer Assisted Exercise (CAX) module
- Automated training module
- Train users in the operation of CBRN-Analysis
- Supplied pre-defined exercises.

Support & maintenance



To make sure our software solutions continuously delivers a secure and reliable performance we offer a complete maintenance and support program to all customers. The key is to always keep the software up to date, ensure accurate information and direct access to subject matter experts support.



UPDATE & MAINTAIN

Certainty for best software performance with updates, patches and new releases. Guaranteed compliance with latest NATO standards included.



SUPPORT

Minimize downtime with access to live support including trouble-shooting and diagnosis of events.



INFORMATION

Access to comprehensive user manuals, online guides and issued reviews. One entitled seat in our user-group & dedicated developers forum.