CBRN-Analysis

Incident Management for Military Commanders

CBRN-Analysis is a commercial-off-the-shelf (COTS) CBRN Incident Management software solution. It is designed to provide military commanders with rapid and accurate information to increase their understanding of the CBRN situation from high to low intensity conflicts.
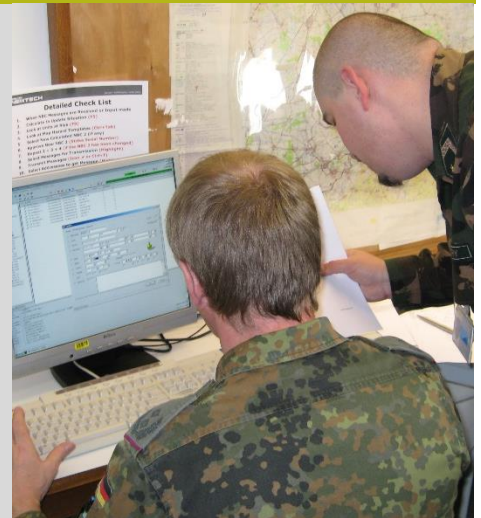
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Key Features:

CBRN-Analysis provides:
- Support to the three pillars of CBRN Defence – Prevent, Protect and Recover.
- ATP-45 Edition E Version 1, AEP-45 Edition D Version 1 calculations and APP-11 Edition D Version 1 formats.
- Full Situational Awareness of the CBRN Picture.
- Calculation of the NATO approved Hazard Areas and Contaminated Areas for all types of CBRN Incident.
- Support for HPAC/JEM and HAPPIE models for Reach Back and Consequence of Intercept (COI).
- Modules for allowing CBRN Information Management including Sensor Integration, Computerised Assisted Training, Language conversion and Decision Support.

Operational Management

The software automatically calculates the CBRN predicated area and can quickly display that information on a map to the operator. The same data is used to identify key interest areas and units that are at risk.

NATO Compliance

CBRN-Analysis complies with the latest NATO standards. These include the NATO publications of STANAG 2103 ATP-45 Edition E Version 1 and STANAG 2497 AEP-45 Edition D Version 1. CBRN-Analysis is continuously updated to conform to these rapidly changing standards. The software's compliance to the NATO standard is independently verified to ensure it meets the correct level of performance.

Lower total life cycle cost

Support, Update and Maintenance Agreements (SUMA) are available for CBRN-Analysis Standard. The SUMA guarantees inclusion of future ATP-45/AEP-45 updates. This achieves continued future compliance at a known cost.

Reduced procurement risk

CBRN-Analysis can be fully interfaced and integrated across platforms, command control systems, and communication infrastructures. Integrated versions are available off the shelf for a number of C2 systems or as a Web Service (Service Oriented Architecture). Low risk sensor integration is also available.

Situational awareness

CBRN-Analysis is designed to provide commanders with rapid and accurate information to help increase their situational awareness of the battlefield and enable informed decisions for saving lives, protecting assets and maintaining efficient operations.