

# EOD-Frontline

## Incident Management for EOD Operations

EOD-Frontline is a multi-mission force multiplier application designed to aid the EOD Operator in their response to all forms of EOD related activity, including: The Direct Task to incidents involving IED/CMD/UXO, through to BCMD or the more considered approach to EOC and ERW. The software provides a visible geospatial picture over time that is vital to the identification of patterns and trends emerging from all theatres of military or humanitarian operations.



### Reference

United Nations purchase EOD-Frontline for the South Eastern and Eastern Europe Clearinghouse for the Control of Small Arms and Light Weapons (SEESAC) who have a responsibility to provide technical support and advice for the clearance of Unexploded Ordnance (UXO) at a number of sites within Eastern Europe.

The Head of SEESAC said that "In the last five years there have been over 100 known explosive events at ammunition storage sites throughout the world. These incidents cause extensive explosive ordnance contamination, which requires clearance at significant financial cost and risk. Bruhn NewTech, in partnership with SEESAC, will provide UNDP with a valuable management planning and operational support tool in the clearance of these explosively contaminated sites. The Software will allow us to develop clearance plans, record clearance results and to better manage resources. It is a considerable improvement on existing methods, and SEESAC will assist Bruhn NewTech with further development of the system based on our operational experience".

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## Key Features

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### Consequence Analysis

The program calculates the predicted hazard area from both conventional or CBRN incidents, which are then displayed onto a map. Points of interest are shown and the threat to each position can be immediately assessed to ensure a life saving response.

### Hazard Templates

The software is defaulted to predict the hazard area from blast or fragmentation based on default standards, but can be changed to National Standards. CBRN related hazard templates are Initial Warning templates (depending on choice of model).

### Danger/Clearance Areas

This function provides the ability to record danger areas (Explosive Remnants of War (ERW), Mines or UXO's) and conduct surveys of regions.

### Sensor Connectivity

This module allows the user to retrieve sensor data that can be used to assist in the management of the incident. The system can integrate Chemical, Biological, Radiological, Explosive and weather sensors including two (2) GPS receivers.

### NATO EOD Report

EOD-Frontline is designed for managing information on EOD/IED Incidents using the NATO reporting system (STANAG 2221). National standards can also be incorporated.

### Force Protection/CIED Planning

Interpretation of incidents over time provides the evidence to develop an effective threat assessment at all levels of command to develop life saving Training, Tactics and Procedures.

### Intelligence Fusion

Communications function will allow the transfer of exploitable information to a mutually supportive data collection system.



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