THE AWR SYSTEM - THIS IS HOW IT WORKS

THE AWR SYSTEM ALLOWS the incorporation of existing, new and evolving capabilities into a common architecture that can evolve with emerging threats. It provides a protected environment that allows for non-negotiated sensors (COTS) to be incorporated into the system.

MENTED AREA DETECTION
A network of sensors that can be mounted on any vehicle or vessel. Meets very strict technical requirements regarding environment and EMC/RFM protection.

STATIONARY AREA DETECTION
Permanent surveillance of strategic sites, buildings etc. Designed for long-term installation and can accurately detect C, B and LILT events.

RECONNAISSANCE
A complete CBRN reconnaissance vehicle carrying specialists with advanced detection, identification and sampling equipment. The vehicle is equipped with protective suits, masks and detection instruments for its area.

CBRN TRAINING
Realistic simulations reduce the need for live exercises. Sub provides a simulation solution with weather, climate and other factors.

DEPLOYED AREA DETECTION
A lab-scalable solution that works autonomously and automatically reports any events through TCP/IP. Easily mounted on vehicles or placed near a building for surveillance.

CBRN HQ MANAGEMENT SYSTEM
To secure a shared understanding of the common operational picture the CBRN AWR HQ Management System (CABMHS) should be based on a similar system to the widely used CBRN units.

CBRN MISSION CONTROL SOFTWARE
Mission Control solution that supports international standards and is able to exchange warning and reports with other detection fences. It also includes a location for planning, decision support, monitoring, tracking, control, configuration, test, geographical fences and calculation of warning areas.

RADIO COMMUNICATION
Reliable and secure data transmission is achieved through reliable equipment, encrypted channels and network redundancy. With a primary and secondary network, this system can automatically use the secondary network if the primary one fails.

PERSONNEL AREA DETECTION
A personnel CBRN danger unit using radio frequency detection system to detect CBRN agents, gas and heat and to provide real-time warning to protect against CBRN agents.

FUNCTIONS
- Provides a common operational picture
- Supports international standards
- Enables reliable data transmission
- Includes planning and decision support
- Utilizes geographical fences
- Calculates warning areas
- Integrates with secondary network
- Enhances early detection of threats.