



MED-ENG®

A BRAND OF THE SAFARILAND GROUP

REMOTELY OPERATED VEHICLE INTEGRATED SENSOR SUITE **ROVISS**



Med-Eng and ICP Newtech have partnered to introduce the ROVISS Integrated Sensor Suite system. ROVISS provides a powerful capability to manage high risk situations by concurrently deploying multiple sensors to detect hazardous threats, including:

- Explosives
- Radiation
- Chemical Agents
- Toxic Industrial Chemicals (TICs)
- Toxic Industrial Materials (TIMs)
- Meteorological data

All sensor information is fused into a single computer on-board the Digital Vanguard robot and relayed to the new x500 Integrated Command Portal to provide a clean and effective display and management tool.

SENSOR DATA FUSION & TRANSMISSION

The data from all sensors is fed into the on-board computer then transmitted to the Command Post either wirelessly or by fibre cable.

SENSOR VERSATILITY

ROVISS is a highly versatile CBNE solution that allows a response team to utilize its existing sensors while providing the opportunity to upgrade in the future as new sensor technology emerges. The ROVISS on-board computer provides data ports for RS232, RS485, USB, Ethernet and can supply 5 VDC, 12 VDC and 24 VDC power sources for the many sensors currently available. In addition, customized mounts for non-standard sensors can be made available.

HAZARD PREDICTION

The ROVISS platform uses the Bruhn Newtech SCIM Hazardous prediction software for accurate mapping and plume prediction in real time. This can be an important tool for managing the threat and reducing risks to local populations. The software uses ATP45e and AEP45(C) protocols to map the incident based on the sensor data.

X500 COMMAND CONSOLE

The X500 Command Console fuses all data into a single command and control Center. The sensor data can be displayed on the ROV X500 Command Console or a dedicated linked laptop.

