



COUNTER-IED SOLUTIONS

The company provides a range of capabilities that can be deployed in the Counter-IED fight. They are predominately in the Defeat the Device and Attack the Network domains.

INTEGRATED LAND SOLUTIONS

We have a breadth of experience and capability spanning the entire Land domain so is able to offer end to end integrated C4ISR, Force Protection and Counter-IED solutions including specific equipment, training and through life support. We also leverage key skills and capabilities from a selection of partners, ensuring a tailored package for the customer.

GUARDIAN RCIED SUPPRESSION

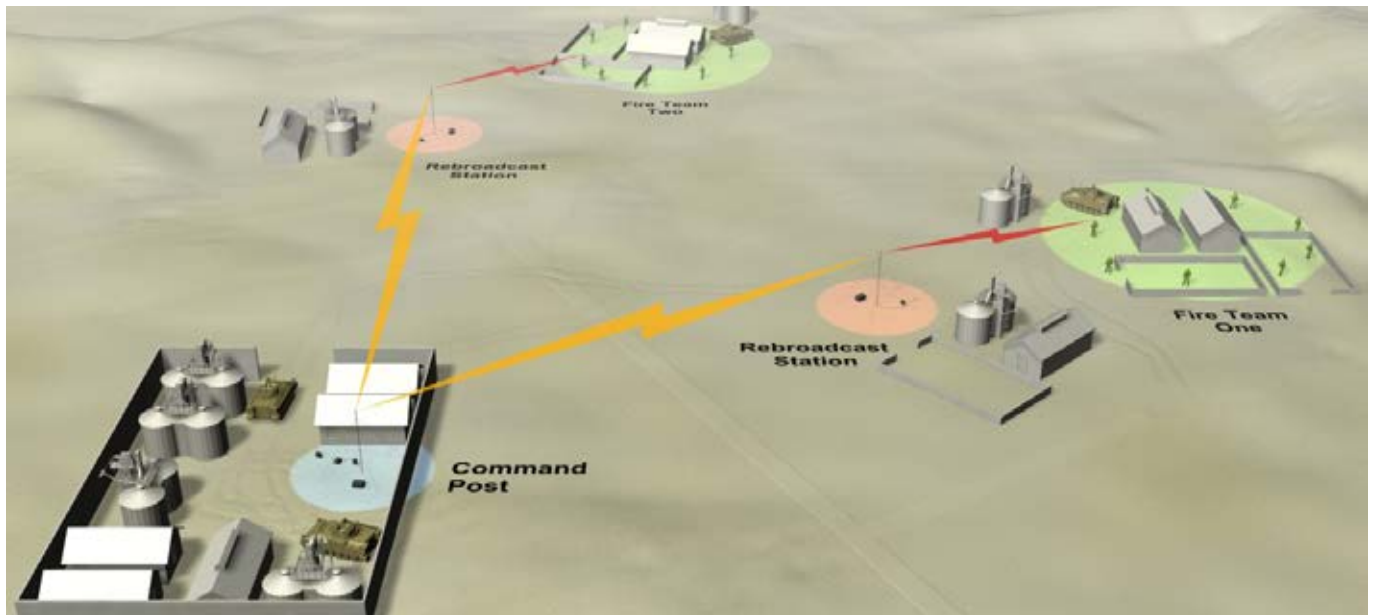
GUARDIAN provides “electronic armour” to security forces against Radio Frequency (RF) initiated Remotely Controlled Improvised Explosive Device (RCIED) threats. GUARDIAN incorporates techniques optimised from over 30 years’ experience in designing electronic equipment to counter RCIEDs.

TACTICAL MANPACK COMINT/DF SYSTEM

The Tactical Manpack COMINT Direction Finding (DF) System provides unmatched performance in a small, operator friendly, mission flexible package. It can rapidly detect and localize a wide-range of threat signals, monitor signals of interest, and support real-time analysis to provide missioncritical intelligence to the warfighter.

FIXED BASE FORCE PROTECTION

The Fixed Base Force Protection (FBFP) System has been built on the key design features of the Enhanced Personal Role Radio (EZPRR) to provide enhanced Force Protection in and around base camps and command posts. The FBFP achieves this by extending the range and coverage of the EZPRR to over 2.5 kilometres through the deployment of a Command Post System (CPS) and a Re-broadcast Station System (RRB).



ELECTRO MAGNETIC SOLUTIONS

We have a proven capability in providing Electromagnetic (EM) solutions to resolve antenna installation issues in a cost-effective and efficient manner. Its expertise encompasses a range of platforms, which is reflected in a pedigree of success across many NATO countries.

DETECTORS AND CAMERAS

The company has a unique level of expertise in the field of Infra Red Imaging Technology from the design and production of detectors through to high performance cost effective cameras.

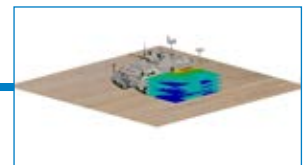
We can offer a wide range of detectors and cameras that can operate in the short, medium and long wavebands in addition to dual waveband products. Products from this portfolio can offer a trained observer the opportunity to view scene content that may not be available in the visible spectrum.

IR cameras are installed in Man Portable, Fixed/ Mobile Surveillance, and airborne platforms enabling deployment into or over most terrains and environments.

SYSTEM DESIGN USING ELECTROMAGNETIC SIMULATION



Radiation patterns



Near field close to the ground



Mutual Interference



Radiation hazards

Electromagnetic Solutions

- Reduced number of antennas
- Improved ECM - comms interoperability
- Optimum antenna installation layout
- New antenna solutions

