

The image features a photograph of soldiers in a field, viewed from behind. The scene is overlaid with a complex network of white geometric lines, including a large circle and several intersecting lines. Scattered throughout the image are various digital artifacts, such as clusters of small white squares and larger, irregular white shapes that resemble corrupted or glitched data. The overall aesthetic is technical and futuristic, suggesting a focus on digital warfare or electronic systems.

ELECTRONIC WARFARE

# ELECTRONIC WARFARE

## ELECTRONIC WARFARE CAPABILITY

As a leading provider of Electronic Warfare (EW) capability in Europe and a major player in the global market, we have been providing Land, Sea and Air EW solutions for over 100 years.

Our comprehensive range of Land EW solutions are highly mobile and provide the capability to respond rapidly to real time situations.



Land EW capabilities include:

- Integrated Operational and Tactical Command & Control
- Integrated Communications Network
- Electronic Support (ES) (Wide RF Spectrum Coverage (HF, VHF & UHF, ELINT))
- Electronic Attack (EA) (Communication and Radar Bands)

Our solutions are capable of:

- Planning and Tasking
- Collection
- Exploitation
- Direction finding and location
- Offensive Jamming - Suppression and Denial of the RF spectrum.





## ELECTRONIC SUPPORT CAPABILITY

Our core technologies are capable of providing Electronic Support Measures against the most significant targets of interest for a military deployed system:

- Land, Air and Sea communications (Joint force & littoral operations)
- Field Headquarters
- Tactical Communications
- Modern microwave communications systems
- Asymmetric / insurgence communications.

Our modular and flexible networked architecture enables the solution to be extended in to higher or lower frequency bands and we are able to address specific targets (e.g. GSM & Skywave HF).

Our ES solutions can be configured for either Fixed, Vehicle or Light (Manpack and vehicle dismountable) configurations.

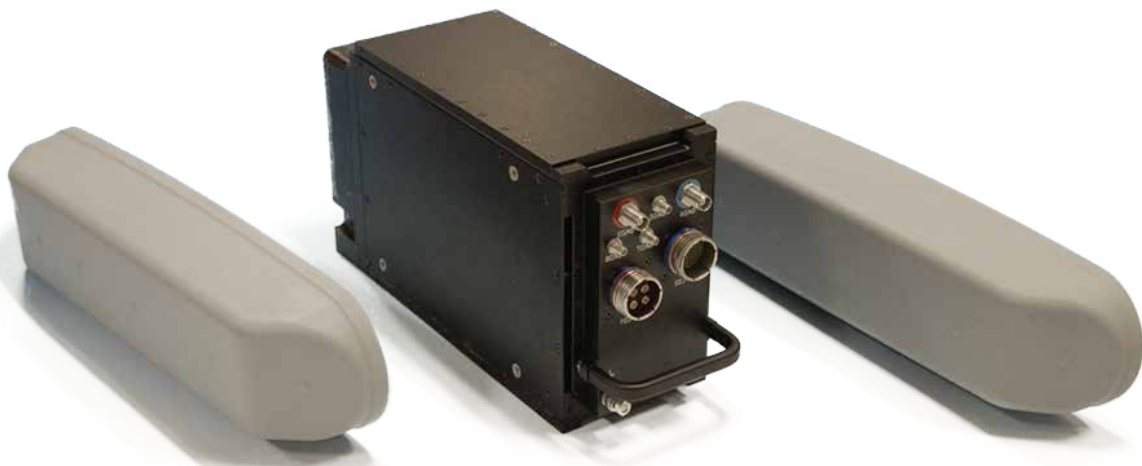


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## ELINT

The SAGE system provides ELINT in the Land domain and utilises the latest digital receiver technology to provide a highly effective EW system. SAGE is a digital ESM/ELINT for RF intelligence, surveillance and reconnaissance missions.

Delivering a situational awareness capability, SAGE provides RF signal analysis for intelligence gathering and tactical responses. It has both single and multi-platform geo-location of RF assets, parallel wideband and channelised receivers, and delivers instantaneous detection and ELINT analysis.





## ELECTRONIC ATTACK (COMMS AND RADAR)

### EA Communications

Our High Power Communications Electronic Attack (EA) operates between 1.5MHz to 3GHz and provides simultaneous jamming of multiple threats in different frequency bands. The solution is also capable of attacking frequency agile threats at up to 500hops/second.

### EA Radar

Our High Power Radar Electronic Attack (EA) operates between 0.5GHz to 18GHz and is capable of jamming multiple threats in both simple and complex jamming modes.

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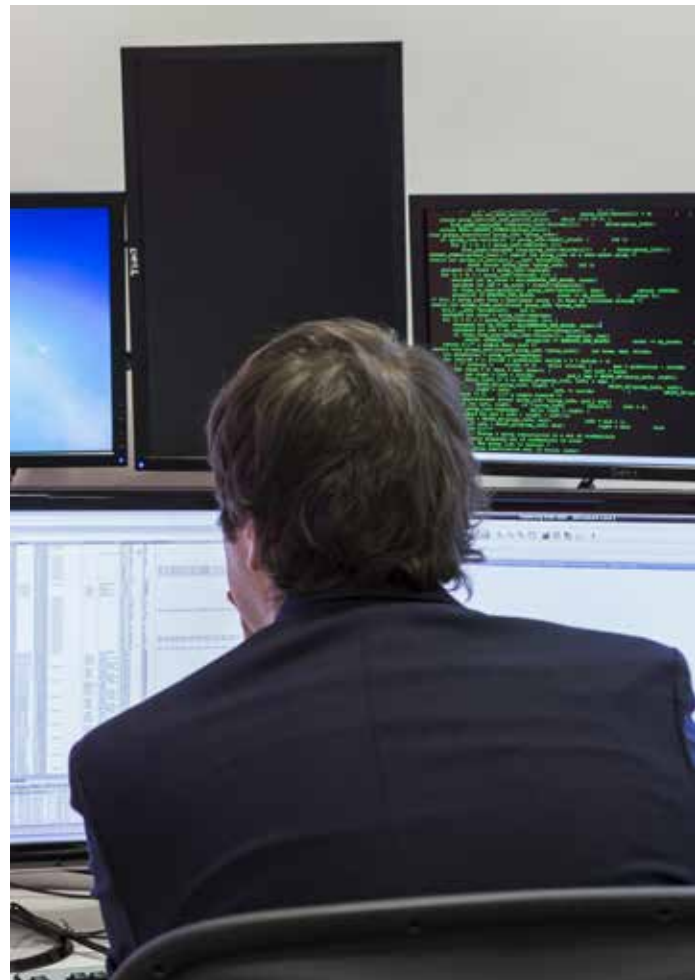
## CYBER SECURITY

The company has more than 60 years' experience of working with government and commercial clients in the cyber security field.

We lead the design and operation of the NATO Computer Incident Response Capability (NCIRC), a Cyber Security programme serving 22,000 users across 28 nations.

Our cyber security specialists are able to provide expert advice on all aspects of Information Assurance including the architecture, design and operation of secure solutions in complex environments.

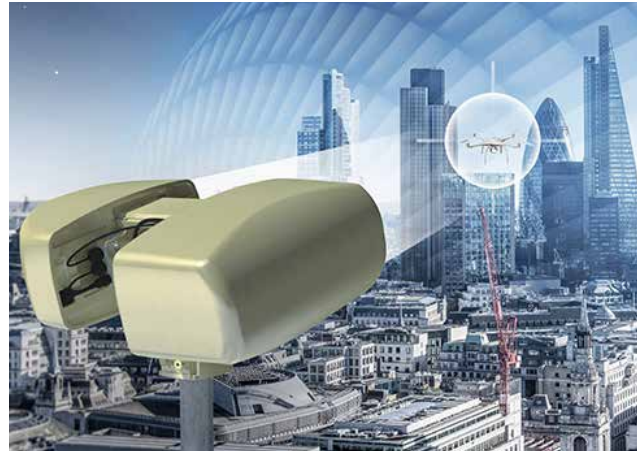
We have implemented Security Operating Centres (SOCs) in the UK and Italy and can provide penetration testing services as well as Computer Incident Response Teams.



## COUNTER UNMANNED AERIAL SYSTEM (C-UAS) SOLUTION

Falcon Shield is a rapidly deployable, scalable and modular system designed to address the threat from low, slow and small unmanned aerial Systems (UAS).

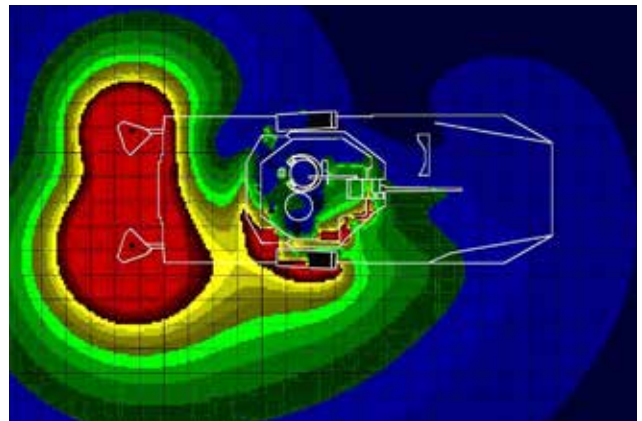
Falcon Shield's easily configurable system enables highly accurate detection, tracking, identification, geo-location and mitigation of the UAS threat through a complimentary, fully integrated suite of sensors and threat management effectors.



## ELECTRO-MAGNETIC SOLUTIONS

The company has 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.



## C-IED

The Guardian range of products provide “electronic armour” to security forces against Radio Frequency (RF) initiated Remotely Controlled Improvised Explosive Device (RCIED) threats.

Guardian incorporates innovative design techniques optimised from over 30 years' experience in countering RCIEDs.

The solution is available in lightweight manpacks and for vehicle and fixed installation use.



## ANTENNAS

Bespoke antenna solutions can be developed for civil and military use. A wide range of antennas are available for fixed, mobile and man-portable platforms including manpack/body-worn applications, wideband/multi-band vehicle installations and aircraft. Solutions are available for covert and discrete applications.



## INFORMATION MANAGEMENT AND ELECTRONIC WARFARE OPERATIONAL SUPPORT (EWOS)

Our Information Management and EWOS capability collates and visually represents EW information and enables mission planning, technical analysis of data, strategic intelligence and development of EW doctrine, tactics and techniques.

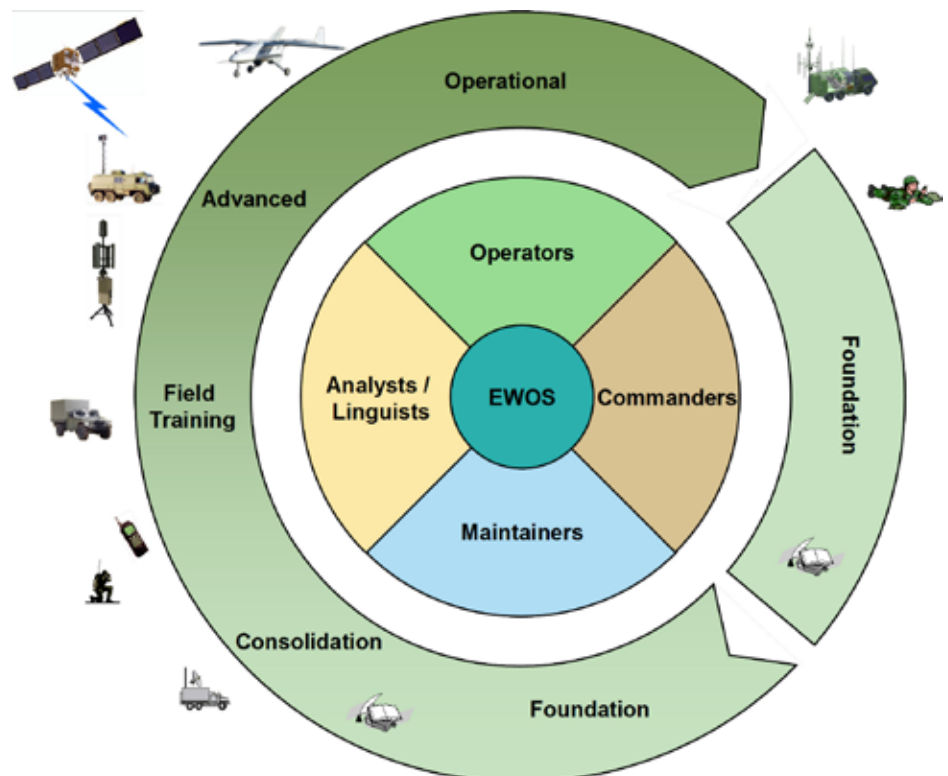


## EW TRAINING

We can provide comprehensive EW training at our custom built facility in Lincoln, UK or can provide in country training where required.

Training can be provided for a wide variety of EW specialists including:

- EW strategist and intelligence analysts
- Commanders
- EW Operators
- EW Analysts/Linguists
- Maintainers.







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