



ELECTRONIC WARFARE OPERATIONAL SUPPORT

The situational awareness obtained from an Electronic Warfare (EW) system can only be as accurate as the data and skill with which it has been programmed through its Mission Data Set (MDS) or Pre-Flight Message (PFM).

Electronic Warfare Operational Support (EWOS) provides that programming and, when considered in its entirety, may be thought of as the equivalent to Integrated Mission Support (IMS). EWOS provides EW data and information to the EW hardware system, information and intelligence, doctrine, training, trials support and analysis, and advice on EW tactics and countermeasures to the system operators and their commanders.

EWOS is best provided by trained and experienced staff, using bespoke tools, from within an authoritative EWOS centre or facility.

We offer a number of EWOS options, including:

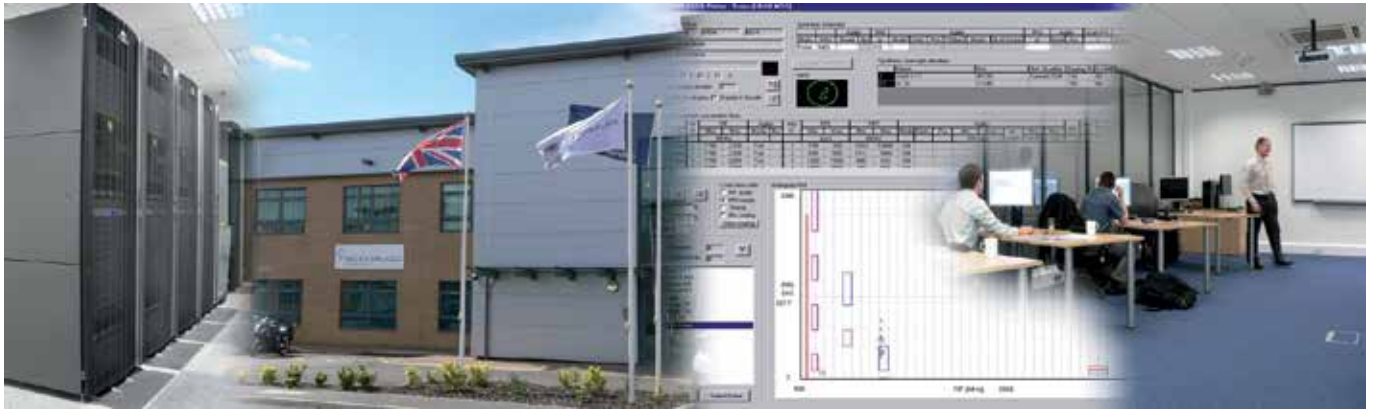
- Training, covering the fundamentals of EW, through to the use of EWOS tools, techniques, procedures and the requirements of running an EWOS capability
- The establishment or extension of a National EWOS centre
- A “reachback” service using our Company’s secure EWOS centre and staff, including the provision of data engineers available to deploy for consultation or additional training.

EWOS Centre

Building on experience gained from similar projects, the company has invested significant resources in a private venture EWOS Centre in Lincoln, UK. The Centre offers all aspects of EWOS for our International and UK-based customers.

The Lincoln EWOS Centre features:

- Security-accredited accommodation
- Multiple, stand-alone, secure, IT networks
- MDS validation facilities in an RF screened laboratory
- Conference and training suites
- Meeting rooms and office spaces



These features enable the facility to provide:

- An in-house facility for the design, production, validation and through-life support of MDS for multiple customers at any one time
- EWOS Training Facilities for International and UK customers
- Support to deployed EWOS Field Service (Data) Engineers.

Alpha Court, Lincoln

The Alpha Court EWOS Centre in Lincoln allows the company to build on many years of experience in the EW domain; primarily from our staff at Capability Green, Luton and taking advantage of the significant operational and EWOS experience brought into the Company by the specialist staff now based in Lincoln.

Scope of EWOS

- EW Data - collection, collation, and management through an EW Data Management System - a data storage structure, with supporting tools for EW data analysis, PFM/MDS planning, and post-mission intercept analysis
- PFM (or MDS) Generators - the software toolsets which compile the files used by the EW system
- EW PFM/ MDS design and production
- Test and Validation of EW PFM/ MDS using hardware system rigs, emitter generators or stimulators, and analysis tools
- EW Tactics and Countermeasures development and trials analysis.

The following services support these functions

- Training - including courses and/ or briefings
- Consultancy - including problem solving
- Infrastructure - including specialist physical and technical requirements.

PROVIDING CUSTOMER-FOCUSSED, OPERATIONALLY-ORIENTED EWOS

THE EWOS CYCLE

