



BriteEye

INTEGRATED AIRCRAFT PROTECTION

The BriteEye Integrated Radio Frequency Defensive Aids Suite (RF DAS) provides threat awareness and platform protection against RF guided threats for fast-jet platforms.

Comprising the company's SEER Advanced RWR fully integrated with the user's choice of advanced CMDS, the system supports automatic, semi-automatic or manual dispensing of the standard range of passive expendables in addition to active countermeasures such as BriteCloud. BriteEye is provided with an integrated programming tool that allows the user to program the RWR's emitter database on an operational basis, as well as program the CMDS to provide the correct threat response.

The ability of BriteEye to cue, code¹ and rapidly release BriteCloud with the most effective RF countermeasure signals, maximises pilot situational awareness and provides fast jets and fixed wing aircraft an off-board countermeasure capability to decoy RF-guided missiles and fire control radars.

¹Requires compatible dispenser

OPERATIONAL BENEFIT

- Cost effective RF protection for your platform
- Based on the proven and in-service SEER Radar Warning Receiver and BriteCloud RFCM Decoy
- Timely, efficient, precise countermeasure selection
- Ideal for new builds or retrofits
- Delivers situational awareness in heavily congested RF environments
- Easy to program with EWOS tools.

ELECTRONIC WARFARE OPERATIONAL SUPPORT (EWOS)

Give your platform the best possible protection with EWOS. Our world class provision includes:

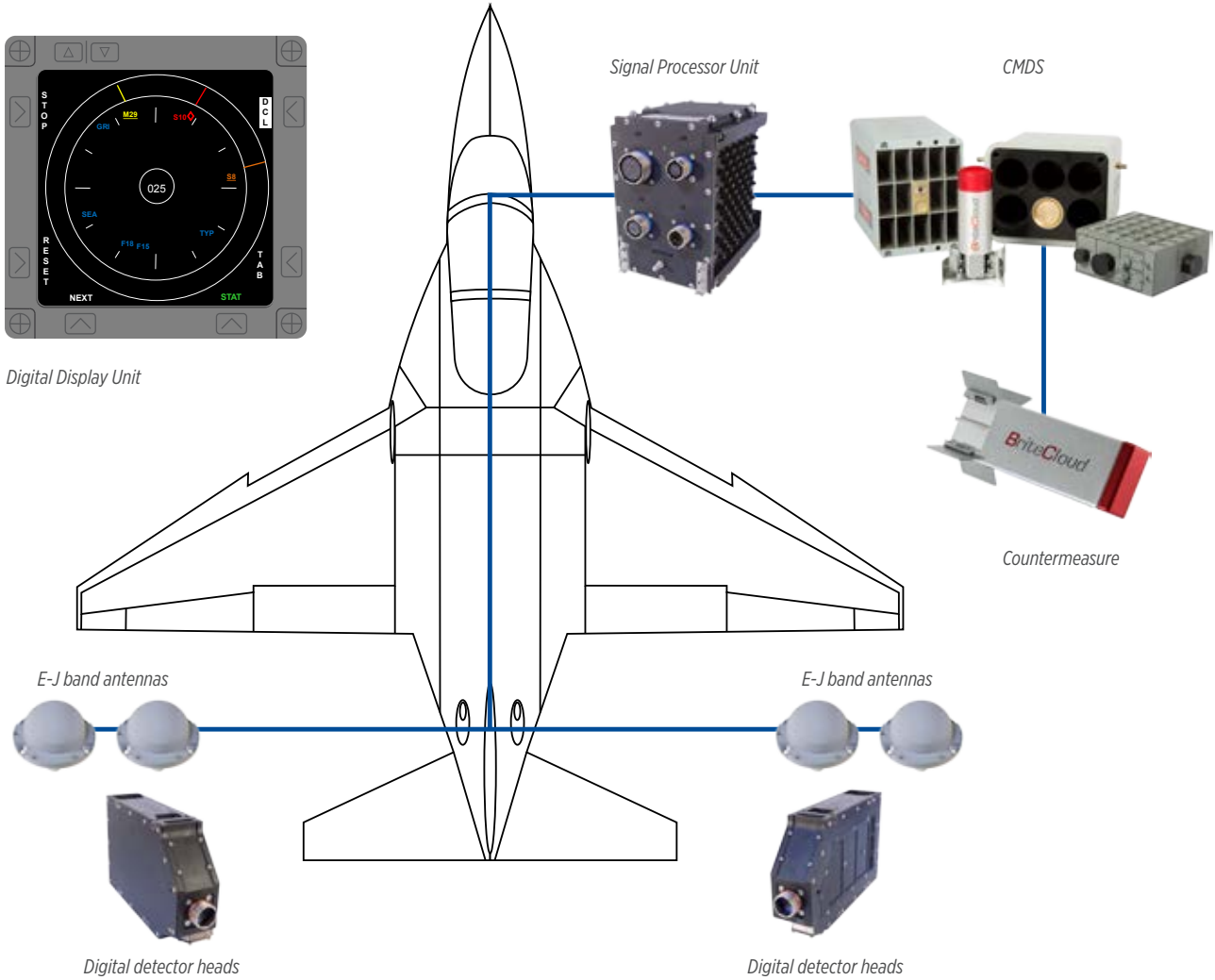
- Threat Vulnerability Analysis and Countermeasure Development (TVACD)
- Comprehensive training packages
- Simple programming
- Data and configuration management tools
- Sovereign capability development

BriteEye

OPTIMISED FOR



SYSTEM COMPONENTS



KEY FEATURES

- Cue, code and rapidly release BriteCloud and other expendables
- Lightweight
- Simple integration
- Low Power
- Flexible options
- Fits all platforms
- Long range detection
- Wide frequency coverage
- Excellent parameter measurements in dense RF environments.

TECHNICAL SPECIFICATION

Frequency coverage	C-K Band (E-J variant pictured)
Direction finding	< 10° RMS
Detection	Pulsed, pulse doppler, CW
Pulse characteristics	Stable, all agile types
Pulse width	> 50ns (including agile)
Sensitivity	Typically -55 to -60dBm
Frequency measurement	< 10MHz
Mission recording capacity	> 20 hours
Weight	11 Kg (E-J Band Coverage)
Power	< 200W RMS
Controls and Display	Aircraft MFD or Dedicated Display (see below)
Full Data Recording	Dedicated Data Transfer Unit or via EW Controller (where fitted)