



RAPIDLY DEPLOYED SECURE COMPUTING SYSTEM

PROVEN SECURE AND RUGGED TACTICAL NETWORKING WITH COLLABORATION AND MILITARY APPLICATION HOSTING

/// FACT SHEET



This range of equipment has been developed together with military users over a number of years and plays a major part in recent and current operations. When deployed as a system its key capability is to provide the tactical user with a network that can be quickly established by the users (through simple prepared wizards) that will operate predictably, reliably and securely.

CAPABILITY MATCH

EDS Defence as recognised Military Command and Control providers understand the operational need for fast deployment and teardown. We know the need for security and the need for effective collaboration within the forward headquarters. Our Rapidly Deployed Secure Computing System provides both for email within and between headquarters, information sharing within the headquarters and the hosting of military applications for supporting specific tasks.

Deployable Secure Network

EDS offer a deployable secure network for use in high tempo operations. Networks are scalable to thousands of users and are fast to deploy using automated network setup and management.

The entire network build process is automated from operating system load through to network configuration and can be used by non-IT specialists.

EDS offer both a light and fully rugged range of laptops and network equipments that can be mixed to suit operational needs. All equipments are battery backed to withstand temporary power loss and the fully rugged range complies with DefStan 59-41 (EMC) and DefStan 07-55 (severe sand, dust and moisture).

Both ranges of equipments can be mixed within a network configuration and provide the same industry standard military e-mail and collaborative office automation facilities within a secure Microsoft Windows framework.

A secure fibre optic network may link light laptops within a covered HQ as well as linking to fully rugged laptops in a tented area where EMC performance is critical.

Support is provided for military applications including Battlefield Information System Applications.

A flexible Remote User Terminal facility allows a laptop to join any configured operational LAN domain while maintaining a messaging capability, giving the user great mobility.

The system supports X.400 military messaging and ADat-P3 formatted messaging with Microsoft Office XP Professional tools configured to meet UK and NATO security requirements. Information sharing is supported by products such as Microsoft Sharepoint.

The entire equipment range has been proven with the UK forces and the NATO ARRC in systems such as ATacCS (Army/ARRC Tactical Computing System) and is suitable for many in-theatre applications.

TECHNOLOGY

The Rapidly Deployable Secure Computing System offers both a light and fully rugged range of laptops and network equipments that can be mixed to suit operational needs. All equipments are battery backed to withstand temporary power loss and the fully rugged range complies with DefStan 59-41 (EMC) and DefStan 07-55 (severe sand, dust and moisture). The entire equipment range has been proven with the UK forces and the NATO ARRC in systems such as ATacCS (Army/ARRC Tactical Computing System) and is suitable for many in-theatre applications.

The system is based on current Microsoft Windows technology and provides email within and between headquarters, information sharing within the headquarters and the hosting of military applications for supporting specific tasks.

MILITARY APPLICATIONS

- Ease of set up and tear down
- HQ Collaboration
- Application hosting (GP3, RYAN, NBC BISA)
- Adaptable to user need
- Usable by non-IT specialist

POINT OF CONTACT

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Support for military applications includes the provision of a GPS Unit that provides accurate time synchronisation between networks linked by wide area communications. The unit has an intrinsic capability to maintain accuracy for long periods in the absence of a continuous GPS signal, making it suitable for use in covered areas.

Equipment Range

Item	Range	Features
Panasonic Toughbook with intrinsic Fibre-Optic connector	Light Rugged	Commercial item with fibre-optic connector added for secure operation
EDS ELC	Fully Rugged	Laptop with proven protection
8-port fibre-optic switch	Light Rugged	Fibre-optic Network connection
8-port fibre-optic hub	Fully Rugged	Fibre-optic Network connection with proven protection
GPS Unit	Light Rugged	Reliable and accurate local position input to system. Provides inter-LAN time synchronisation
Disk Backup Unit	Fully Rugged	Convenient backup of operational data
Ptarmigan Interface	Light Rugged	Proven interface to PTARMIGAN
Tactical Packet Router	Fully Rugged	Proven interface to SATCOM and a range of available bearer
High performance server	Light Rugged	Modular server performance for information sharing and application hosting

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