



DICE Kit

Specification Sheets

Deployed Intelligence Combat Element

Tailored Suite of Capabilities & Services

Service Design and Operations

Our deployable communications kits are designed to meet warfighter priorities rapidly, including ease-of-use, DoD Network integration and disconnected operations-while ensuring compliance with DoD guidance. Our deployable node allows operational forces to access mission-critical data even while services are disconnected.

Our kits are based on a standardized platform but are customizable to each customers' requirements.

What We Offer



Capabilities

- High Speed Satellite Connection
- Automated Configurations
- Disconnected Operations



Kit Services

- High-Performance Computing
- TCP WAN Acceleration
- End to End Mangement



Field Service Support

- SATCOM Support
- Logistics
- Training

LEO Satellite Communication Terminal

- Download speed of 350 Mbps
- Upload speed of 50 Mbps
- Priority Access Data usage 5 TB a month
- Forward compatible with future government architectures
- 1 year warranty
- Publicly routable IPv4 address
- Space based MESH network
- Government dedicated satellites
- Configure traffic to land in a US teleport by optical inter-satellite links



KG-250 XS

- Weight 0.65 lbs.; 3.73 x 1.05 x 3.06 (W x H x D)
- 5 Watt power consumption
- VLAN/Ethernet tunneling for layer 2 data over Layer 3 networks
- Software upgradable to meet evolving cyber security
- Embedded OSPF and PIM routing
- Embedded TCP/IP accelerator (xPEP)
- Browser-based Human Machine Interface (HMI) configuration
- Algorithms ACC compliant, Type 1 suite A or suite B (AES-EFF) cryptography
- Key fill interface DS-101 over USB
- NSA certified up to TS/SCI and below
- TEMPEST compliant NSTISSAM 1/92 Level 1
- 100 Mbps Aggregate Processing Power



PACSTAR 451 Module

- 5.1 x 7.1 x 1.7 (W x H x D) Weight 2.7 lbs.
- Small high-performance computing and virtualization platform server
- Intel Xeon D-1500 and Xeon-D1700 processing platforms in 4-core, 6-core, 8-core, 12-core, and 16-core variants with up to 128 GB RAM
- User-removable single 2.5" SSD (7 mm), SATA 6 Gb/s, up to 15TB total
- Software Defined Black/Red Core Routing
- Worldwide AC power input
- Battery snap-together connectors for up to 2 AN/PRC-152/148 radio batteries; hot-swappable with 2 hours runtime per battery
- Power draw nominal: dual-core variant 25 watts total, quad-core variant 45 watts total, octo-core variant 50 watts total, 12-core 55 watts total



PACSTAR 446 Module

- 5.0 x 7.0 x 1.6 (W x H x D) Weight 2.5 lbs.
- Based on CISCO ES3300 Embedded Switch
- Large GigE Switch module 2x SFP 10 Gigabit Ethernet ports and 22x Gigabit Ethernet ports
- Advanced Cisco IOS software
- Highly secure video, voice, and data services
- Designed for ruggedized communications
- Worldwide AC power input
- Battery snap-together connectors for up to 2 AN/PRC-152/148 radio batteries; hot-swappable with 2 hours runtime per battery



PACSTAR 447 Module

- 5.0 x 7.0 x 1.6 (W x H x D) Weight 2.5 lbs.
- Based on CISCO ESR 6300 Embedded Router
- 2 x 1 Gigabit SFP/RJ45 1 Gigabit Ethernet combo ports, 4 x 1 Gigabit RJ45
- Ethernet port and a RJ45 Serial/USB combo console port
- Integrates Cisco IOS-XE software
- Highly secure video, voice, and data services
- Designed for ruggedized communications
- Worldwide AC power input
- Battery snap-together connectors for up to 2 AN/PRC-152/148 radio batteries; hot-swappable with 2 hours runtime per battery



Dell Laptop

- Windows 10 Enterprise
- Intel Core i5-1040H CPU at 2.60 GHz with 4 Cores
- 32 GigaBytes Ram
- 1 TBs Solid State Hard Drive
- Supports voice and video teleconferencing
- 15 inch
- CAC reader
- NVIDIA Quadro RTX 3000 Graphics Card
- 2 USB C ports

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