

BANDIT 2™



BANDIT 2™ Summary Points

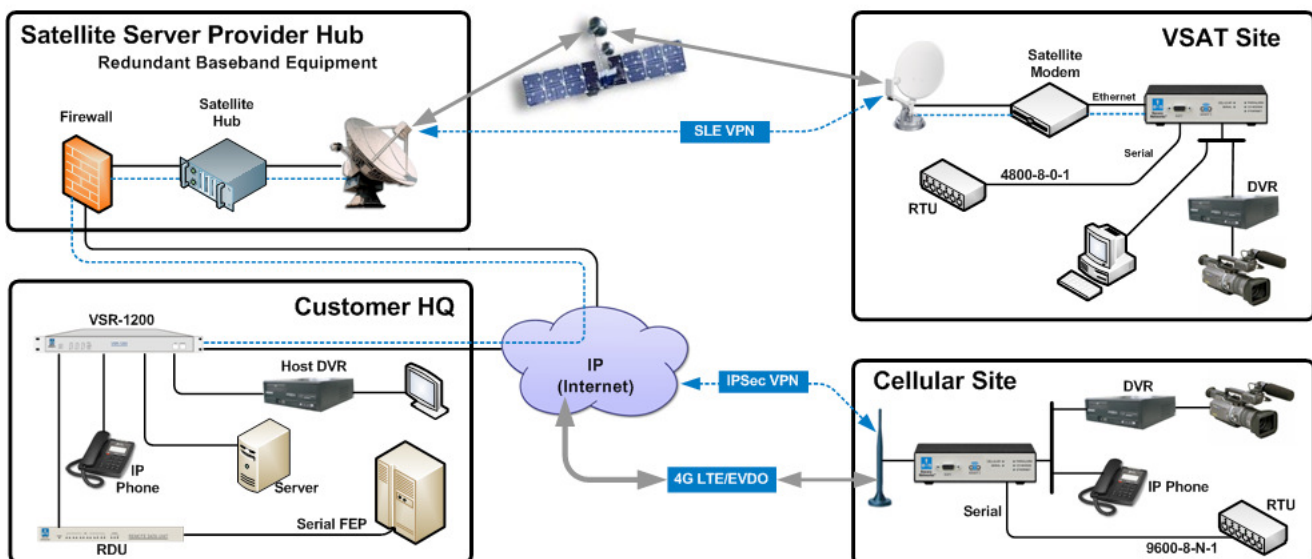
- Available in industrially hardened and commercial grade versions
- IPSec or Selective Layer Encryption (SLE) for enhanced VPN over satellite networks
- Manageability (Remote Monitoring and Configuration)
- Multi Network connectivity over any network including Frame Relay and IP
- Cellular connectivity for primary, load sharing, back-up or out-of-management support
- Up to 2 serial ports for legacy traffic
- Host Site Diversification for Disaster Recovery

INDUSTRIALLY HARDENED AND COMMERCIAL GRADE SECURITY APPLIANCE

BANDIT 2™, the latest addition to the Encore's BANDIT™ (Broadband Access Network Device for Intelligent Termination™) family, is available as an industrially hardened or commercial grade cyber security appliance with integrated router, firewall, terminal server, serial-to-IP conversion, legacy-protocol conversion, and VPN functionality. Ideally suited for lottery, banking (ATM), AMI/AMR, electric, gas, oil and water utilities, industrial plant floors; mobile transportation; and traffic control system applications, the BANDIT 2™ ensures secure system data and SCADA network connections directly to the Internet, secure Wide Area Network (WAN) and/or Local Area Network (LAN), or commercial cellular data IP services. With its seamless Host Site diversification failover feature, the BANDIT 2™ is ideal for Disaster Recovery and Application Load Sharing to multiple Host Sites.

Ideally Suited For Electric, Gas, Oil, & Water Utilities, Transportation, Green Energy, & Traffic Control System Applications!

Application Diagram



TECHNICAL SPECIFICATIONS

GENERAL FEATURES	Protocol management (spoofing) and translation NERC CIP (003, 005, 007, 009) compliant firewall security Secure Wireless Cellular 3G, LTE Only, XLTE w/ 3G Backup SNMP manageability (Monitoring and Configuration) Operating System (OS) and Configuration Servers Disaster Recovery and Load Sharing QoS Enforcement VPN
SECURITY APPLIANCE FEATURES	Security Appliance Features Integrated router/firewall/VPN NAT, PrAT, eNAT-T <ul style="list-style-type: none"> · VPN (up to 30 simultaneous tunnels) · IP Sec (RFC 2401) with DES (56 bit), 3DES (168 bit) and AES (256 bit) · G-RE (RFC 1701)
PROTOCOLS	WAN Serial <ul style="list-style-type: none"> · Frame Relay · Asynchronous and Synchronous PPP · MLPPP · X.25 IP Ethernet <ul style="list-style-type: none"> · IP Routing (RIP v1/v2) or Static Routing · IPSec and SLE VPN · VPN Split Tunneling · DHCP Client/Server/Relay/BootP · IP QoS and traffic prioritization · VRRP (RFC3768) · VLAN · 802.1q VLAN tagging
SERIAL LEGACY SUPPORT	One DB25 port Supports multiple asynchronous and synchronous legacy protocols One DB9 serial console port supporting EIA/TIA RS232 Protocol support for DNP3, IEC 60870-5-101/103/104, MODBUS, CDC, S/NET, CONITEL, ABB, and most electrical industry proprietary protocols; inquire for additional protocols
PHYSICAL PORTS	Serial <ul style="list-style-type: none"> · 1 DB25 port (RS232) User port · 1 DB9 port (RS232) console or User port Ethernet <ul style="list-style-type: none"> · 2 10/100 BASE T Optional <ul style="list-style-type: none"> · XLTE w/3G Fallback · 4G LTE Only · CDMA (1xRTT), EVDO · GSM, GPRS, EDGE, UMTS, HSDPA, HSPA
ELECTRICAL	Power Supply Options <ul style="list-style-type: none"> · 10 watts maximum · DC: 12VDC, 24VDC, 48VDC, 130VDC, 250VDC · AC: 100-240VAC, 50-60Hz (with external adapter)
ENVIRONMENTAL	Temperature: <ul style="list-style-type: none"> · Industrially hardened: -40° C to +85° C - DC, -30° C to +70° C - AC · Commercial-grade: 0° C to +50° C · Cellular Wireless: -40° C to +70° C · Non-Operating: -40° C to +85° C Humidity: 5% to 95% non-condensing Altitude: Up to 10,000 ft. (Up to 3048 m)
MECHANICAL	Height: 1.5 in. (3.81 cm) Width: 6.0 in (15.24 cm) Depth: 4.4 in. (11.18 cm) Weight: Less than 1 lb. (Less than 0.45 kg)
STANDARDS COMPLIANCE	RoHS Compliant EMC Compliant FCC Part 15, EN 55022: 1998, EN 55024: 1998
PRODUCT SAFETY	UL/CSA 60950-1 CAN/CSA-C22.2 No. 60950-1-03 EN 60950-1

Specifications subject to change without notice

DST18-BANDIT-2-US