NodeGrid Bold
Remote IT Infrastructure Management

Freedom Lies with Being Bold.

The ultimate fully loaded IoT, POD, Retail, and Remote Office IT infrastructure management solution. NodeGrid Bold provides secure access and control for managing remote devices at the EDGE of your network.

Bold Delivers

- Access Normalization, Control and Monitoring for EDGE devices
- Horizontal & Vertical Scaling and Auto-discovery Configuration
- Policy-based Authentication, Authorization and Auditing
- Automatic Event Tracking and Actionable Data
- Multi-port Hardware and Multi-vendor devices
- Failover to 4G/LTE USB modem of your choice
- Wi-Fi ready (via internal card or external USB) for hotspot or client
- Dual Gb Ethernet ports with:
    - Multiple Routing Table capability
    - Interface Bonding for Failover / Throughput
    - Bridge Mode for Cascading Network Devices
    - Failover to 4G/LTE USB modem

Perfect For Retail and Remote Offices

With Retail and Remote office locations needing connectivity, NodeGrid Flex serves as a perfect solution to keeping those locations functioning properly. With NodeGrid, accessing devices at the EDGE of the network is not only easy, but also safe and secure. With the ability to add wi-fi connectivity and 4G LTE fail-over, locations without IT personnel on staff are just a simple session away from resolution.

Applications

- Data Center
- Test Lab Environments
- Retail & Remote Offices
- Finance, Healthcare, Biotech
- Telecommunications
- Internet, Social, Search
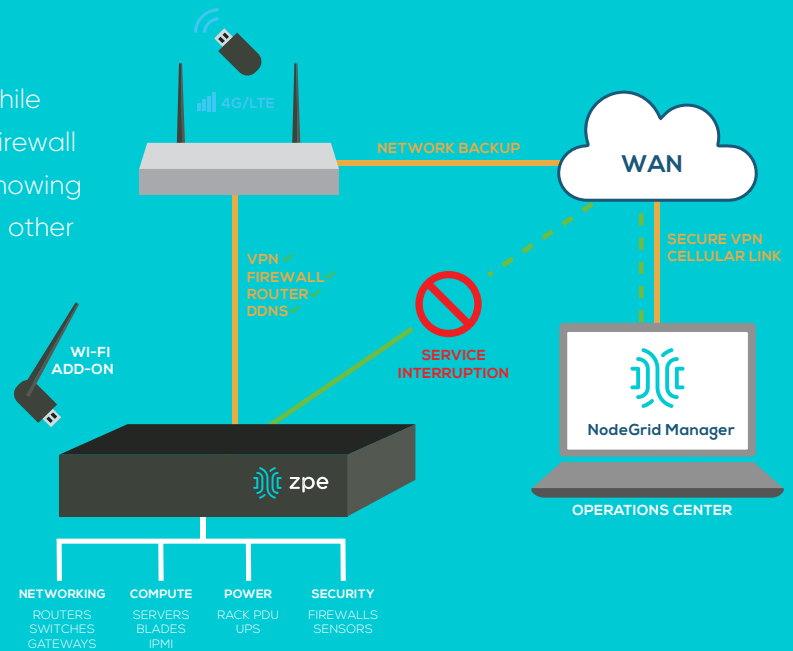
Extends Security To The EDGE

NodeGrid Flex operates on the EDGE of the network while keeping things safe and secure. With SSL VPN, IPsec, Firewall and TLS 1.2 capabilities built in, you can rest assured knowing that your EDGE network vulnerabilities associated with other OOB solutions are made secure with NodeGrid Flex.

Selectable encrypted cryptographic protocols and cypher suite levels.

SSL VPN   **Firewall**

IPsec   **TLS 1.2**

4G/LTE

NETWORK BACKUP

WAN

VPN ✓
FIREWALL ✓
ROUTER ✓
DDNS ✓

SECURE VPN
CELLULAR LINK

WI-FI
ADD-ON

SERVICE
INTERRUPTION

NodeGrid Manager

OPERATIONS CENTER

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NETWORKING
ROUTERS
SWITCHES
GATEWAYS

COMPUTE
SERVERS
BLADES
IPMI

POWER
RACK PDU
UPS

SECURITY
FIREWALLS
SENSORS

NodeGrid Bold at a Glance

- **Minimizes MTTR**, downtime and expenses with secure, centralized remote device access & control
- **Increases site reliability** with open industry standard hardware, and easy-to-use software
- **Flexible and Expandable** – add-on cards for more Serial, USB, or Ethernet ports
- **Zero Touch Provisioning (ZTP)** for fast setup in remote locations
- **Failover to 4G/LTE modem**, Gateway and multi-routing table capability
- **Power control and monitoring** – get alerts on sub-optimal IT device health and solve problems automatically
- **Extended Automation** based on actionable real-time data
- **Modern 64-bit Linux kernel** for fast security patching and widespread software availability
- **Direct Linux shell**, HTML5 cross-device web access and command line interface
- **Docker-optimized** for flexible script and application integration Integrates with ZPE Systems NodeGrid Manager vendor-neutral, unified management solution
- **Orchestration** – Puppet and Chef

Ordering Information

- **NGB-T6-BASE** - 6-port serial, 4 USB 3.0, 4 USB 2.0, 2 GbE, DC power adapter, 2-Cores, 4GB RAM, 32GB SSD
- **NGB-T6W-BASE** - 6-port serial, 4 USB 3.0, 4 USB 2.0, 2 GbE, DC power adapter, 2-Cores, 4GB RAM, 32GB SSD - Intermal Wi-Fi

Accessories
- **Z000036** – RJ45F (NSC Txx Cyclades pinout) to DB9F cross converter
- **Z000200** – RJ45F (NSC Txx Cyclades pinout) to DB9F straight converter
- **Z000039** – RJ45F (NSC Txx Cyclades pinout) to RJ45M Sun/Cisco cross converter
- **Z000015** – RJ45F (NSC TxxR Cisco pinout) to DB9F cross converter
- **NGB-PSU** – 12 VDC external 100-240 VAC, 50/60 Hz power adapter