



# NodeGrid Serial Console

Secure Remote Access and Control for IT Devices



## The Next Generation of Serial Consoles have Arrived.

Nodegrid Serial Console provides data center and infrastructure managers with secure, hyperscale remote access to all IT devices, regardless of manufacturer. NodeGrid Serial Consoles are extensible and programmable, providing true vendor freedom on a single, unified management platform.

## NodeGrid Serial Console at a Glance

- Modern 64-bit Linux OS
- World's fastest serial console server
- World's highest concurrent session in a serial console: 1,000+ sessions
- World's fastest concurrent port speeds in a serial console: 115,200bps and 20 users per port
- World's first high-density 96 port 1U serial console server, also available in 16/32/48 port editions
- HTML5 remote console access – no Java issues unlike outdated competitors
- World's first serial console server optimized for Docker and Open Compute Hardware Management
- World's first serial console server with bare metal booting and firmware recovery
- Zero Touch Provisioning and failover to any cellular service provider of your choice (no vendor lock-in)
- New, easy-to-use software development kit for software innovation

## There's a NodeGrid Serial Console for Every Environment



### NodeGrid Serial Console (T Series)

is made to fit into environments still utilizing legacy devices, and can be a direct replacement of the legacy console server.

- For Legacy Devices
- 16/32/48/96 Serial Ports
- Single AC, Dual AC and Dual DC

### NodeGrid Serial Console (R Series)

is made to fit into major hardware environments like Cisco, Arista, Dell, Palo Alto Networks, and Juniper. R Series Serial Consoles are perfect for retrofits and upgrades of existing builds.

- For Cisco-like Pin-out Devices
- 16/32/48/96 Serial Ports
- Single AC, Dual AC and Dual DC

### NodeGrid Serial Console (S Series)

is made to fit any modern and legacy mixed environment. With auto-sensing ports you can use the S Series Console Servers within any environment whether using straight through cables or with legacy adapters.

- Auto Switching (Cisco or Legacy Pin-out)
- 16/32/48 Serial Ports
- Additional USB ports
- Upgradable CPU and RAM
- Single AC, Dual AC and Dual DC

## NodeGrid Serial Consoles Do More

### Logging and Auditing for Inspection and Regulatory Compliance

NodeGrid logs all the standard data – who logged in and when – as well as data that our competitors don't capture, such as the content of login

console sessions – not just records of who and when, but the "what."

NodeGrid's security and logging features fulfill regulatory compliance needs of HIPAA, the Sarbanes-Oxley Act and more.

### Enterprise Grade Security

Banking, healthcare, and biotech security is serious business – each for slightly different reasons, but all guarded by NodeGrid's enterprise grade security features.

- Enterprise Grade Authentication and Authorization
- TLS protocols, X.509 SSH certificates, Cypher Suite Levels
- Firewall and Secure Tunnels
- Alerts and Actions



SSL VPN  
IPsec

Firewall  
TLS 1.2

NodeGrid Serial Console's Enterprise Grade Security protocols provide an additional layer of security for your Intelligent Platform Management Interface (IPMI) Network

### Failover to Enterprise Grade 4G/LTE modem, VPN, Firewall & IPsec

Your choice of carrier, model, features and plans. ZPE doesn't lock you into one or two predetermined carriers. Choose any carrier regionally and globally based on availability, reception and cost. Ideal for network failover and redundancy at globally distributed remote offices and clinics.

### Zero Touch Provisioning (ZTP)

All that's required to make sure deployment is successful is the MAC address of the new units.

## Applications

- Data Center
- Test Lab Environments
- Finance, Healthcare, Biotech
- Telecommunications
- Internet, Social, Search

