Nodegrid Serial Console

Free your infrastructure with the world's most powerful serial console

The **Nodegrid Serial Console** unleashes your control of network infrastructure management. You no longer need to be bound by specific vendor solutions, delicate admin protocols, or limited hardware & software capabilities. The NSC is the world's first high-density, 96-port 1U serial console server, complete with Linux-based OS and vendor-neutral management tool. It's the only serial console to give you total freedom in your datacenter, whether you're deploying a greenfield location, or looking to squeeze more out of your legacy environment.

What makes NSC the world's best serial console?

Customize your Environment
The 64-bit Linux OS gives you a flexible platform that adjusts to your needs. Deploy solutions that suit you, because NSC is optimized for Docker, third-party apps, and automation tools.

Do more with 1U
Get the most out of your rack space with 96 high-density ports in a 1U serial console. Run more than 1,000 concurrent sessions, with port speeds up to 115,200bps (20 users/port).
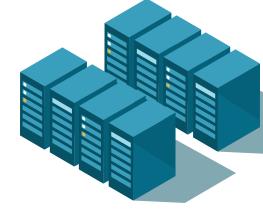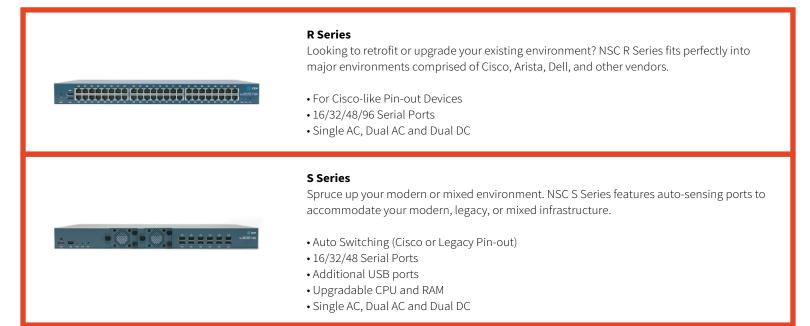
Say Goodbye to Java Issues
NSC gives you secure, remote console access via HTML5. You don't need to worry about Java incompatibilities or untimely updates slowing you down.

Take Down Downtime
Built-in Nodegrid Manager software means one intuitive interface to manage all your vendor devices. Get peace of mind with reliable backup via your choice of cellular carriers.

Nodegrid Serial Console fits any environment

R Series
Looking to retrofit or upgrade your existing environment? NSC R Series fits perfectly into major environments comprised of Cisco, Arista, Dell, and other vendors.

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

S Series
Spruce up your modern or mixed environment. NSC S Series features auto-sensing ports to accommodate your modern, legacy, or mixed infrastructure.

• 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

Stay Compliant

For inspection and regulatory compliance, competing solutions capture standard data — who logged in and when. But NSC goes beyond to give you a complete picture of the content of console sessions. Now you can see who logged in, when they logged in, and what they did during their session.

Nodegrid's logging and auditing features fulfill HIPAA, Sarbanes-Oxley, and other compliance regulations.

Stay Protected

ZPE Systems takes security seriously. That's why NSC comes packed with enterprise-grade security features to keep your data safe, no matter what industry you serve.

• Enterprise-grade authentication and authorization
• Built-in firewalls and alerts
• TLS protocols, X.509 certificates, cypher suite levels
• Added security for your IPMI network

SSL VPN   *Firewall*
IPsec   *TLS 1.2*

Deploy on Demand

Nodegrid supports automation tools, and extends zero touch provisioning across connected devices. Deploying becomes as easy as installing, connecting, and booting your appliances — and then watching your network build itself.

CONNECT > **DISCOVER** > **PROVISION**

Cloud-Based Management
or Connection Broker

DNS

INTERNET

2 DNS Lookup for
   Management System

4 Forward Connection
   to On Premises
   Management if Needed

New Device
Without
Configuration

3 Connect to
   Management
   System

3 Connect to Cloud or On-Premises
   Management System

On-Premises
Management
System

PRIVATE NET

1 DHCP Exchange

5 Configuration Pushed

081320