AVANU®

1.888.248.4900
US & Canada Toll Free Number

1.408.248.8960 Phone • sales@avanu.com
www.avanu.com
U.S. SBA 8(a)/SDB Development Program Participant,
DoD CCR, FedConnect, and IAE's ORCA Certified

opengear
secure server management

Opengear's focus is to design and manufacture the next-generation of network infrastructure solutions. The products support remote access to your system assets -- from individual equipment to the entire enterprise. Local and remote control of consoles, terminal connections, virtual desktops, the HVAC conditions, and also monitoring and control of the power infrastructure.

NIST-validated FIPS140-2 OpenSSL cryptographic module for SSH, HTTPS or SDT Connector to connect to any service on the console servers when they are running in FIPS mode. Opengear partnered with Open Source Software Institute (OSSI and the OpenSSL project to sponsor an extension of the existing OpenSSL FIPS Object Module v1.2 validation to enable it to meet the FIPS 140-2 standards for ARM processors. Opengear's open source platform give network managers and systems integrators the most flexible, extensible, console server solution on the market today for serial console ports, service processors, power solutions and environmental monitoring.

Console Servers
Advanced Console Server Solutions for Remote Sites and Data Centers

Opengear console servers provide secure remote access to network devices including servers, routers, switches and firewalls. Console servers provide complete remote hands, giving IT personnel the ability to reach out to a 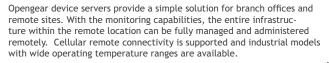remote site as if they were actually on site. Opengear's unique blend of hardware and software products delivers a complete, synergistic solution to network management both In-Band and Out-Of-Band, and the most comprehensive and Advanced Console Server solution on the market today.

Opengear is blazing new trails on the path of console server evolution with remote management of serial console ports, TCP/IP network console ports, UPS systems, PDU's, and environmental monitoring. Opengear offers the most advanced console server available today with features of server management, power management, device management and complete environmental and network monitoring with out-of-band capabilities.

Serial Device Servers
Serial to Ethernet, Wired and Wireless Device Server Solution

Opengear device servers provide a simple solution for branch offices and remote sites. With the monitoring capabilities, the entire infrastructure within the remote location can be fully managed and administered remotely. Cellular remote connectivity is supported and industrial models with wide operating temperature ranges are available.

Cellular Routers

Opengear's cellular routers provide secure high-speed wireless connectivity to remote sites. All the serial and networked critical assets and devices at these sites can be monitored and controlled. Designed and built with industrial grade compact gateway, Opengear's cellular routers use the 3G network to deliver real-time access, monitoring and control regardless of location.

Power Management
Remote Power Management Solutions

Opengear offers a selection of hardware and software solutions for power management. Their IP-Power and IP-PDU power distribution products provide affordable and reliable solutions for power management at the remote site or wiring closet. With Opengear's console servers, it brings the most comprehensive tools for managing these and third party PDUs and third party UPS systems.

KVM over IP
Enterprise Grade KVM Solutions

Opengear's IP-KVM product allows servers and existing analog KVM switches to be accessed remotely via browser. The KCS6000 is the perfect combination of local rackside KVM access combined with a console server to deliver unparalleled access to all devices in a rack. Combined with Opengear's SDT Connector software, it works in conjunction with their console servers to bridge secure remote sessions to embedded KVM, service processors (DRAC, iLO, Alom, RSA) and virtual KVM services such as: IPMI, RDP, VNC, X, and more.

Environmental Monitoring
Monitor Data Center Environmental Conditions

Opengear provides enterprise grade monitoring and alerting solutions for managing changes in environmental conditions in computer rooms and remote sites. Temperature, humidity, smoke, motion and water detection. Alerts are sent via email, SMS and SNMP traps. Access reports using standard Web browsers. Data logged with time stamps.

Centralized Management and Monitoring
Operation, administration & management (OA&M) solutions for remote service monitoring, alarm reporting and configuration intelligence

Opengear's management appliances provide flexible, centralized control of your data center and distributed infrastructure assets. View it all from a single monitor. Access remote sites and equipment isolated behind firewalls and VPNs. Centralized dashboards extends the reach of your experts. Reduce on-site service calls. Maximize service levels. Monitor, diagnose and resolve infrastructure problems from anywhere at anytime.

Custom Development Kit (CDK)

Create custom firmware for Opengear products to allow customization to company policies, such as banning Telnet, custom Nagios plug-ins, customized defaults, and locked-down configurations.