

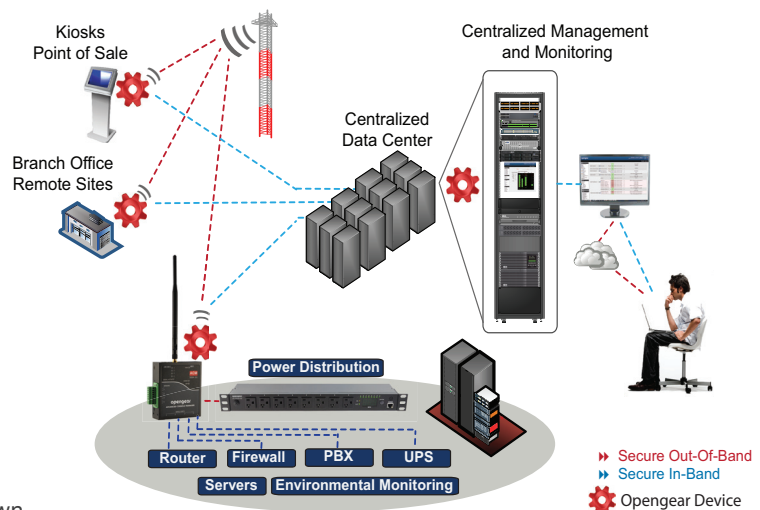
Secure remote monitoring, access and control, even when the network is down

Opengear enables secure remote monitoring, access and management of virtually any electronic device around the world from anywhere.

Our solutions monitor the physical environment as well as the devices, automatically detect and resolve issues, and leverage the latest cellular technologies for out-of-band management to provide access even when the network is down.

Technical staff need to keep equipment at remote sites up and running without having to go onsite to handle outages. Opengear's out-of-band management solutions deliver remote access and control even when their network is down. The result is a drastic reduction in the need for expensive on-site technical visits and rapid problem resolution.

- A secure alternate path to devices at your remote sites when your primary network is impaired
- Ensures on-site infrastructure is accessible even during system or network outages
- Integrates seamlessly with your existing IT and network management systems
- Minimizes disruption and downtime, ensuring business continuity
- Cellular out-of-band access when the network is down



Benefits

Solutions for all environments

- Rack mount or small form factor for environments from data-center to network wiring closets
- Provides a secure connection to any critical ICT equipment and facilities infrastructure
- Automatic failover when primary connectivity is lost

Best value in one box

- Up to 48 RS-232 serial ports
- Monitor IT, network, security, power and environmental conditions
- SSH into server, router, switch and firewall consoles
- Cluster hundreds of serial ports behind one network address
- Single pane of glass monitoring, access & control of all data center infrastructure
- Can operate independently of in-band network with integrated PSTN or cellular modem, console server and management LAN connections

Open source platform

- Flexible, extensible open source Linux platform
- Built on key OSS infrastructure management technologies such as OpenSSH, Nagios, ipmitools and Network UPS Tools
- Root level shell scripting and firmware customization access

Enterprise grade security

- Default-deny SSH bastion
- Granular, role-based user permissions
- IPsec, OpenVPN and PPTP over primary or out-of-band
- FIPS 140-2 OpenSSL module, certified for use in US Government
- Two-factor authentication using RSA SecurID
- RADIUS, TACACS+, Active Directory/LDAP remote authentication

Cisco® equipment

- Access to Cisco console ports during network outages
- Back up and restore IOS running config or system image to integrated TFTP server and USB storage
- Detection and alerting of issues before they become problems
- Simple cabling. No adapter needs for Cisco-style RJ45 consoles

Automated remote management & support (ARMS)

- Smart appliance can automatically detect and repair issues
- Based on customized rules and policies undertakes complex action depending on what is detected
- Reduces downtime, improves productivity and efficiency
- Uninterrupted service availability
- Streamline & automate common maintenance tasks with ARMS

Technical Overview

Product comparison chart: <http://opengear.com/product-comparison.html>



CM4100
Value line console manager

Connectors

- 16, 32 or 48 RJ-45 RS-232 serial (2400 to 230,400 bps)
- 1 DB-9 RS-232 local console & modem serial (2400 to 115,200 bps)
- 1 RJ-45 10/100Base-T Ethernet

Latest Specifications

<http://opengear.com/product-cm4000-spec.html>



IM4200
Infrastructure manager

Connectors

- 8, 16, 32 or 48 RJ-45 RS-232 serial (2400 to 230,400 bps)
- 1 DB-9 RS-232 local console & modem serial (2400 to 115,200 bps)
- 1 RJ-11 V.92 modem
- 2 RJ-45 10/100Base-T Ethernet
- 3 USB 2.0

Latest Specifications

<http://opengear.com/product-im4200-spec.html>



ACM5000
Remote site console manager

Connectors

- 2, 3 or 4 RJ-45 RS-232 serial (50 to 230,400 bps)
- Optional RS-422/RS-485
- Optional RJ-11 V.92 modem
- Optional GSM/CDMA cellular modem
- Optional 4 TTL digital IO
- 1 or 2 RJ-45 10/100Base-T Ethernet
- 1 or 2 USB 2.0

Latest Specifications

<http://opengear.com/product-acm5000-spec.html>



ACM5500
Remote site monitoring & manager

Connectors

- 4 or 8 RJ-45 RS-232 serial (50 to 230,400 bps)
- Optional RS-422/RS-485
- Optional RJ-11 V.92 modem
- Optional HSUPA cellular modem
- Optional 4 TTL digital IO
- 2 or 6 10/100Base-T Ethernet
- Optional IEEE802.3af PoE or Wi AP
- 2 USB 2.0

Latest Specifications

<http://opengear.com/product-acm5500-spec.html>

	2-4	8	16-48	Classic	Cisco Rolled	Cisco Straight	Single	Switch	External DB-9	Internal PSTN	Internal Cellular	USB	Digital IO	AC	DC	Dual AC	Dual DC
CM4100			•	•					•					•			
IM4200		•	•	•	•	•	•	•	•	•	•	•				•	•
ACM5000	•					•	•			•	•	•	•	•	•		
ACM5500	•	•				•	•				•	•	•	•	•	•	
	Serial Ports			Serial Pinout			Management LAN Ports		Modem					Power			

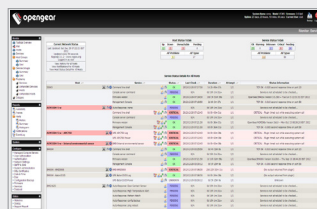
Opengear Centralized Monitoring and Management

Remote Management



- Fully integrated in-and out-of-band management solution
- Serial console, PDU, UPS, network host monitoring, access and control
- Secure HTTPS web and Linux SSH CLI user interfaces
- Management dashboard for status at a glance
- Extensive data logging and alert delivery feature set

Centralized Management



- Centralized management of your critical infrastructure
- Configuration and connection to your OOB network from a centralized point
- End-to-end out-of-band management solution
- Serial console, PDU, UPS, network host monitoring, access and control from a single pane of glass



Resources

Web Resource Library:
<http://www.opengear.com/resourcelibrary.html>

Opengear Blog:
<http://blog.opengear.com/>

Opengear Dev Team on Twitter:
<https://twitter.com/opengeardev>

Your Contact