Wiring Closet Management Solutions

The Opengear ACM5000 provides secure remote access to wiring closets both In-Band and Out-Of-Band from anywhere in the world. We provide complete remote hands, giving your IT personnel the ability to reach out to remote wiring closets as if they were actually there on site.

The Opengear ACM5000 solution provides a synergistic approach to wiring closet management that combines a single point of access to manage and monitor all equipment commonly found in the wiring closet. Our solution delivers Power Management and Monitoring, Serial Console access, Environmental Monitoring, External Environmental Sensors and Internal Flash Memory to help to ensure device and network security, compliance, and tame the complexities of remote administration. We offer a complete end-end solution with our Opengear Monitor CMS6100, a centralized management system appliance that can be installed at the central location, provide detailed monitoring and advanced management of downstream ACM5000's.

Wiring Closet

| Vibration Detection | Motion Detector | Airflow Sensor | Water Leak Detection | Door Contacts | Smoke Fire | Glass Sensor |
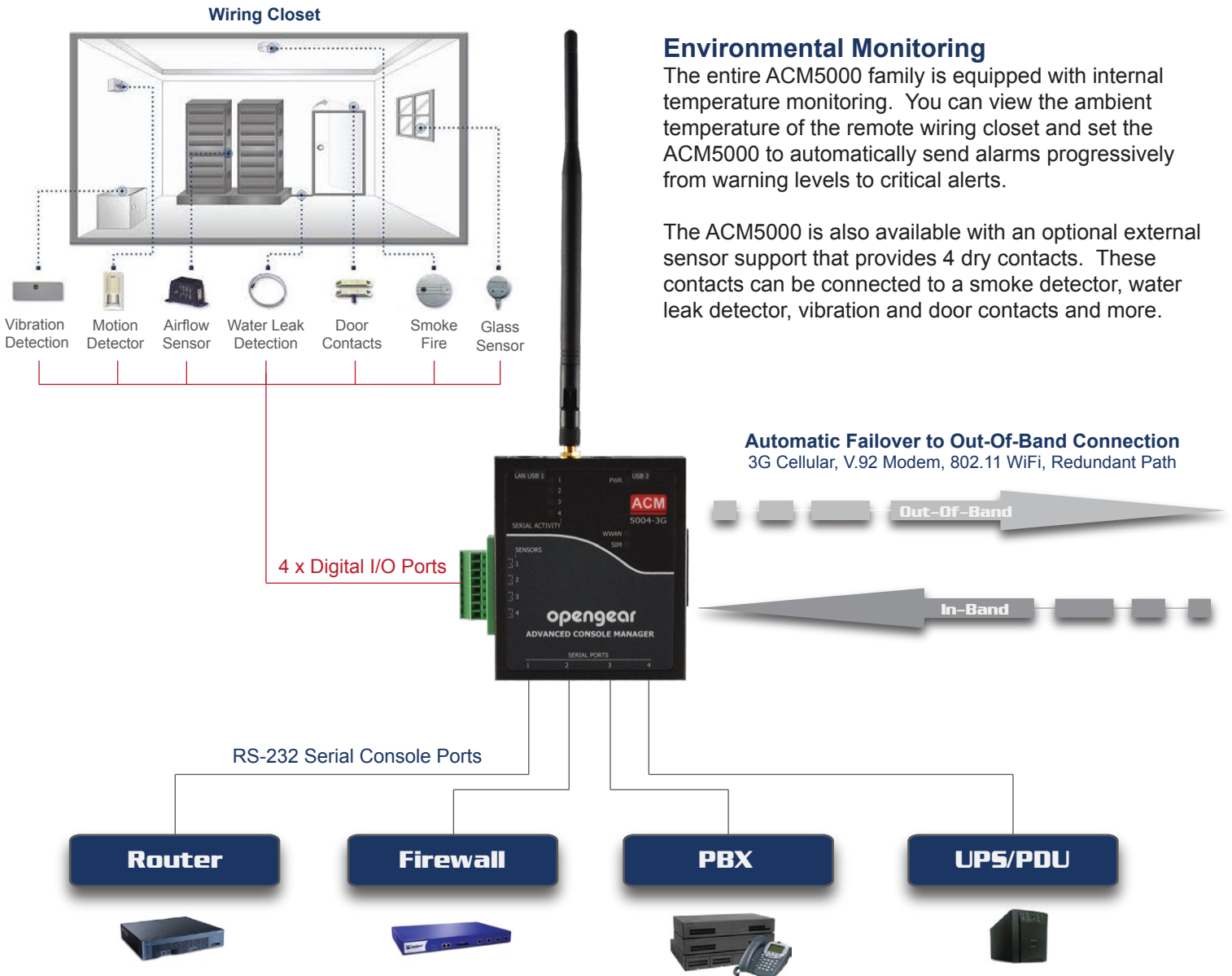
Environmental Monitoring

The entire ACM5000 family is equipped with internal temperature monitoring. You can view the ambient temperature of the remote wiring closet and set the ACM5000 to automatically send alarms progressively from warning levels to critical alerts.

The ACM5000 is also available with an optional external sensor support that provides 4 dry contacts. These contacts can be connected to a smoke detector, water leak detector, vibration and door contacts and more.

4 x Digital I/O Ports

Automatic Failover to Out-Of-Band Connection
3G Cellular, V.92 Modem, 802.11 WiFi, Redundant Path

Out–Of–Band

In–Band

RS-232 Serial Console Ports

| Router | Firewall | PBX | UPS/PDU |

opengear

Vendor Neutral UPS Management

The ACM5000 family is outfitted with the ability to manage and monitor UPS systems and switched PDU's from all major manufacturers using either a RS-232 Serial connection or using SNMP. Using an SNMP management card to monitor the health of UPS systems adds significant cost over using the serial interface. If fact, one SNMP management card can cost as much as an entry level ACM5000. Our approach to a vendor neutral power management system allows for freedom from proprietary management software and enables multi-vendor environments to be quickly adopted into one simple interface. Let us show you peace of mind in managing remote UPS systems tucked away in wiring closets. We offer graphing, logs and several layers of alerting to keep you informed on available UPS run time and current load statistics.

Self Healing Solutions Using Switched PDU's & Local TFTP Server

Lose connectivity to a wiring closet on a campus? Set a ping detect reboot on a switched PDU to power cycle a locked up router or edge device. Store local copies of running configurations inside the available TFTP server on-board the ACM5000. If ever you need to field replace a router, switch or firewall you can simply flash over the last running configuration and restore connectivity. Thanks to our flexible platform we can offer custom scripting triggered by particular events or alerts. With our early alert system, users can build alerts based on regular expressions passing through the serial stream on the console ports to watch for patterns that may indicate early stages of trouble. Common applications for pattern match alerting are threshold limits on VOIP switches, intrusion detection, PBX SMDR messages and common console errors.

Automatic Failover to Re-Connect Remote Sites Using VPN and CMS6100

Opengear Monitor **CMS6100**

Local or Remote Admin (SDT Connected)

Local and Remotely Distributed Console Servers and Managed Devices

CMS6100 Central Monitor System

Easy to use, Automated Monitoring Appliance

Centralized Monitoring and Management

Opengear Monitor is a powerful system that centrally monitors your network of distributed console servers and their managed devices. This enables you to actively monitor and resolve IT infrastructure problems before they affect critical business processes.
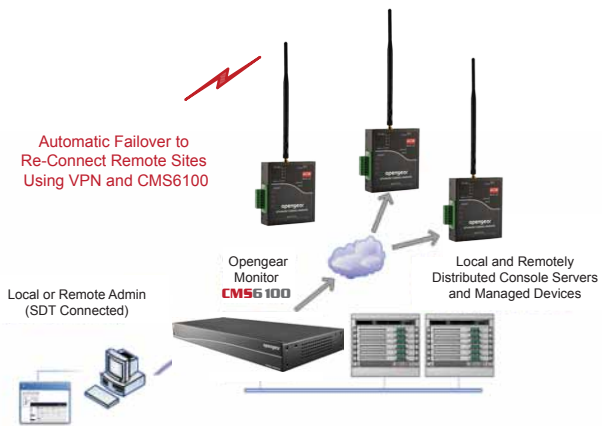
The CMS6100 can monitor and manage up to 255 distributed console servers with more than 1000 managed hosts/services.

Alerts are raised in the event of a disconnect or problem being identified at the remote site so the sysadmin / network manager can quickly respond. To remedy identified problems the manager simply clicks on their browser on the Monitor web UI. They are then securely connected to the downstream console server or managed device for maintenance, reconfiguration or power cycling.

Drop in the Opengear Monitor appliance and point it to all the console servers. Secure SSH tunnels are automatically set up and the configuration for each console server's managed devices, users and alerts is downloaded.

Like all Opengear solutions, the CMS6100 Monitor is open and extensible. The core Nagios software is familiar to many system managers, so it can be custom configured and extended with the thousands of Nagios add-ons.

With Opengear Monitor you can affordably monitor the status of all the services, servers, networks, power and other infrastructure components in your distributed networks.