

AVOCENT® ACS 6000 ADVANCED CONSOLE SERVER

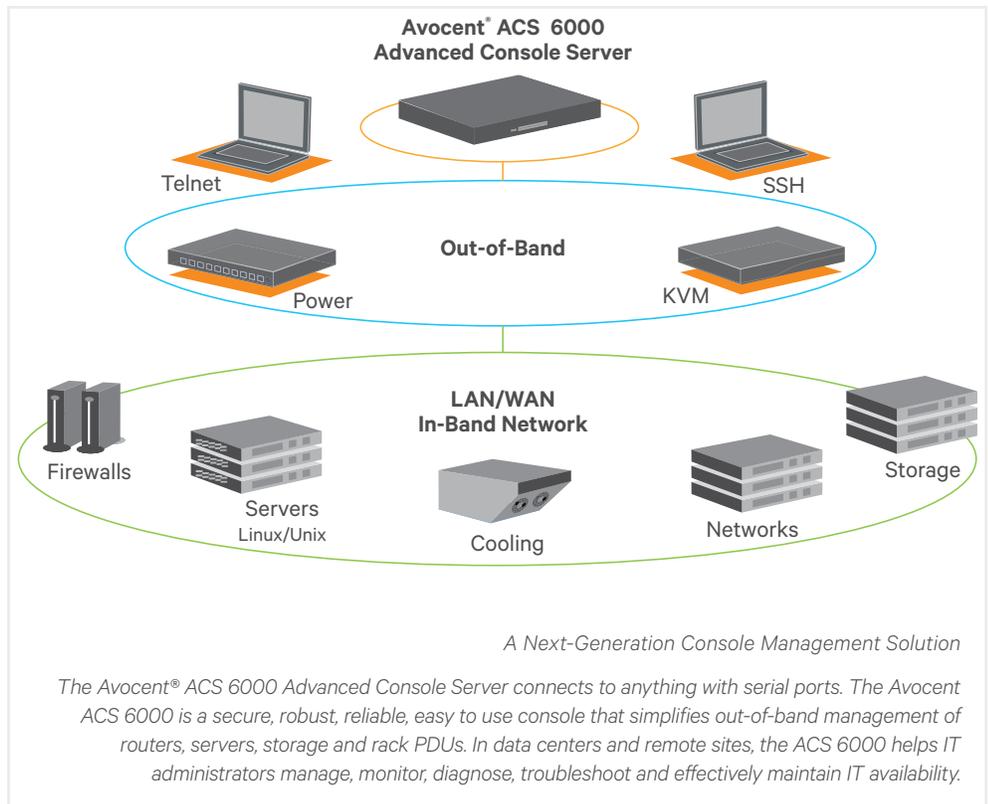
Solution Brief



BENEFITS

Features:

- Secure in-band and out-of-band network remote management
- Strong dial-up and secure dial-back using optional built-in modem
- Easy identification of servers, routers, switches or PBXs connected to any serial port
- Integrated power management – support for MPH2™ Rack PDUs and third-party power support
- Available in 4-, 8-, 16-, 32- and 48-port models that fit in 1U of rack space with single and dual, AC and DC power options
- Automated event tracking and notification of fault conditions



The Avocent ACS 6000 advanced console server series offers advanced features that deliver scalable and high performance solutions for IT administrators. The console server features a high-speed processor platform with dual gigabit-Ethernet ports for redundancy and optional built-in modem. In addition, they feature an internal temperature sensor for device-level monitoring and configurable pin-outs for serial ports.

Key Applications

Zero Touch Provisioning

The Zero Touch Provisioning capability on the Avocent ACS 6000 allows IT administrators to reduce the time and effort spent on installation and provisioning. With the ACS 6000, IT administrators can create configuration files and firmware images one time, then use them for automatic deployment instead of manually updating the files on each serial console. The ACS 6000 has a built-in intelligence engine that retrieves a new configuration file or firmware image from a network attached configuration server. Once the file is retrieved the ACS 6000 automatically installs the required firmware. Many administrators are comfortable with similar technologies, such as Cisco's Power On Auto Provisioning.

Security

The ACS 6000 offers stringent security via authentication, authorization and auditing features. In addition to support for all major authentication methods, Vertiv™ offers one-time password (OTP) authentication for greater levels of flexibility in secure environments.

Remote Access and Management

The ACS 6000 provides secure, out of band, management of your serially managed devices. It provides a simple solution for aggregation of serial management consoles via a hardware appliance that provides a single solution for authentication, authorization, and accounting of access to your critical infrastructure devices. The redundant network capabilities in the ACS 6000: dual Ethernet ports and optional analog modem and automatic network failover to cellular modem provide the flexibility that organizations need to deal with complex systems outages in a way that saves money by allowing more instances where remote diagnosis and mitigation can be employed.

Scripting Capabilities

The ACS 6000 provides three methods for administration and access to connected devices. Users can perform management tasks directly with the Command Line Interface (CLI) utility, the ACS 6000 web manage or through Avocent DSView™ management software. However, using the CLI, all these tasks can be automated through scripting. Scripting helps IT professionals save time by automating complex tasks, ensure consistency and reduce errors for routing tasks and respond to changing business conditions quickly.

BENEFITS

- Superior security
- Authentication
- Easy connection and configuration
- Centralized management using Avocent DSView™ management software
- High availability and accessibility
- Extremely flexible scripting capabilities that enable customization and standardization of critical tasks
- Disaster Recovery
- Compatible with next-generation network standards

The net savings is up to 90% reduction in installation time in addition to reducing travel costs, freeing personnel for other essential tasks.