

# Cyclades ACS 6000 Series

## Advanced Console Server

### Challenge

In today's information age, keeping IT infrastructures fully operational while lowering operational costs has never been more important. With IT infrastructures evolving to include geographically dispersed data centers comprised of hundreds or thousands of IT assets, the cost of maintaining these assets can become overwhelming. To reduce operational costs and ensure round-the-clock service availability, you need effective and reliable out-of-band management to securely access, diagnose and restore disconnected or failed IT assets quickly.

### Avocent Solution

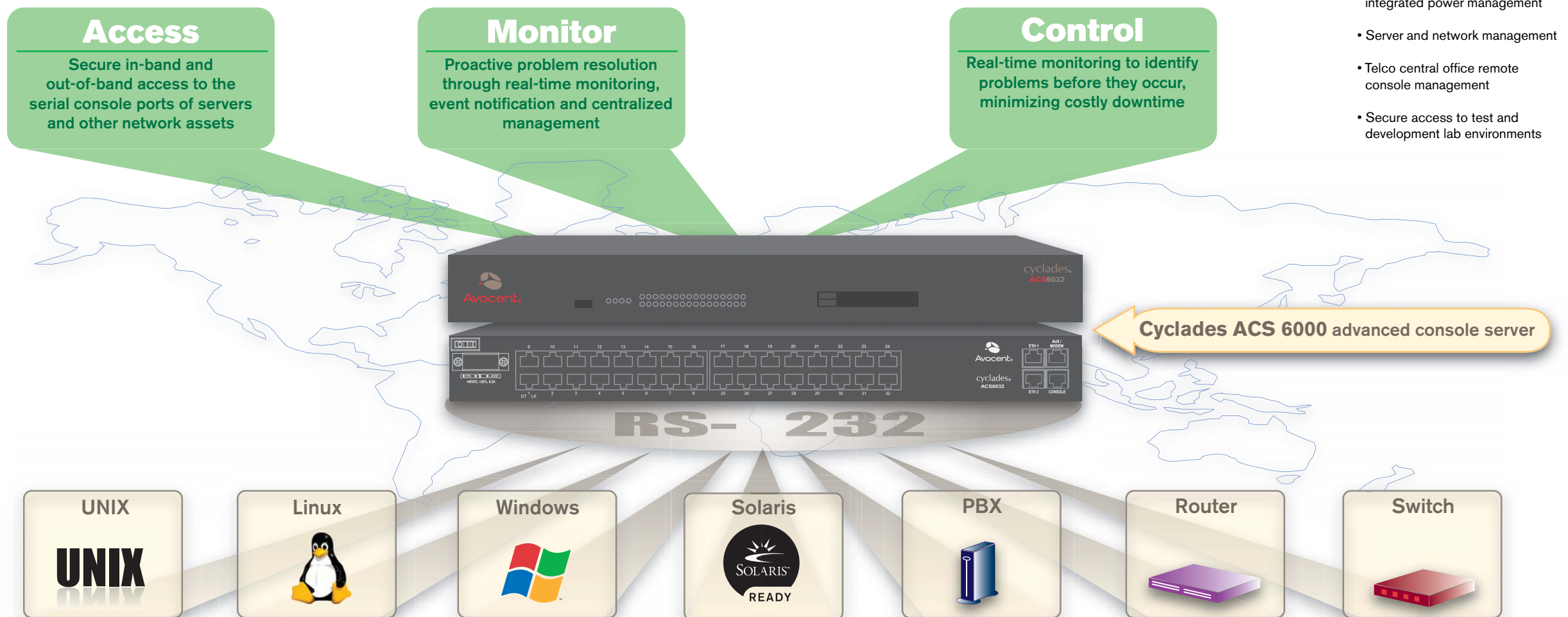
Business stops when the IT production network is down or an IT asset is not responding. In-band management tools alone cannot correct the problem. Administrators often need out-of-band management tools to troubleshoot and restore IT assets across the enterprise, whether the IT assets are close at hand or far away. Out-of-band management tools by Avocent include Cyclades® ACS advanced console servers, DSR® switch appliances, Cyclades PM intelligent power distribution units (IPDUs) and MergePoint® 5200 series of service processor managers, all controlled by DSView® 3 management software. The Avocent solution integrates these products into a comprehensive, remote management system with enterprise-class security and a single, consolidated user interface.

### Decrease IT Operational Costs and Increase IT Productivity

Effective out-of-band management reduces IT operational costs and risks while increasing IT asset and personnel productivity. Out-of-band management tools by Avocent enable administrators to access and troubleshoot IT assets even if the production network is down. Access is available through a variety of methods (LANs, WANs, cell phones – GSM or CDMA, UMTS, Internet, PSTN), so that management is not limited to a single network or a single point of failure.

### Cyclades ACS 6000 Series Advanced Console Server

Cyclades ACS 6000 Series console servers integrate advanced technologies, adaptive services and secure enterprise communications to provide IT professionals with secure, remote access and management of IT assets from anywhere, anytime. Cyclades ACS 6000 console servers feature redundant Gigabit Ethernet ports, USB connectivity, support 32-bit PC cards, have configurable appliance pin-outs, provide single and dual-entry, redundant AC and DC power supplies, and optional built in modem support. Appliances are available in 16-, 32- and 48-port models in 1U form factor.



Securely access and manage network assets

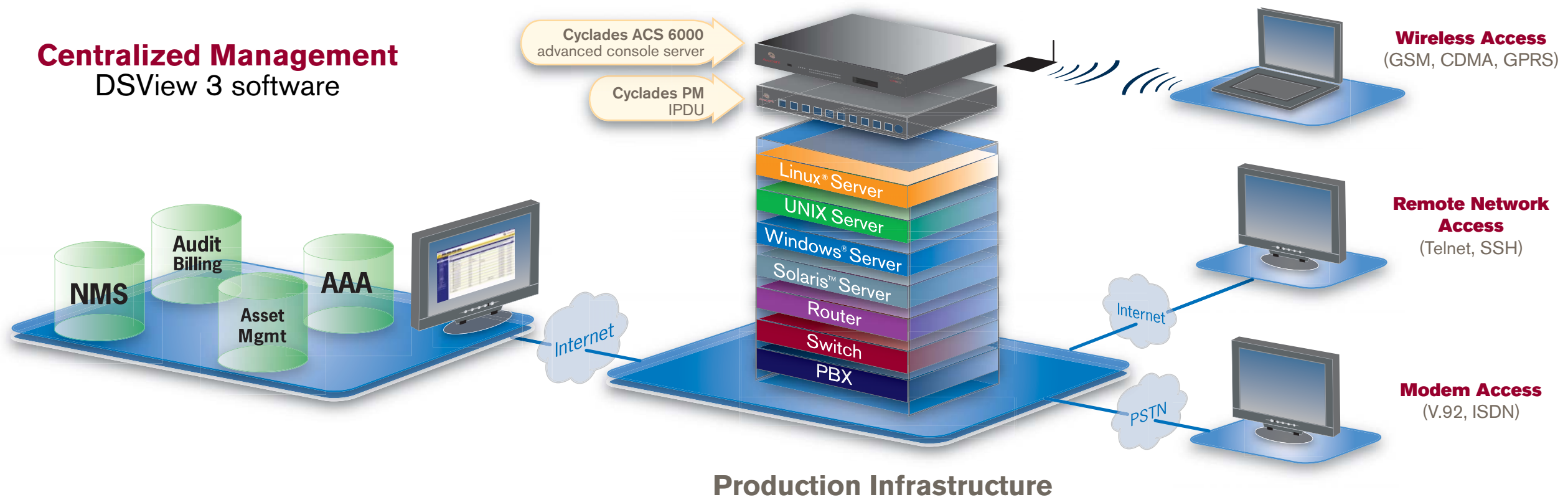
and IT assets from anywhere, anytime.

# Cyclades ACS Advanced Console Server Features

## Centralized Management and Integrated Power Control

Enterprise-level scalability with centralized management for security, administration, maintenance and upgrades.

- View consolidation and control of all IT assets from one single Web-based interface via DSView 3 management software
- Centralized configuration, change control and upgrade of system firmware
- Automated discovery of connected servers, and network equipment such as routers and switches, and security appliances that are being monitored
- Seamless integration with power management for integrated viewing, configuring and management of power ports



## Productivity and Cost Savings for Increased Efficiency and Profitability

System administrators can pinpoint problems before they escalate, minimizing and often avoiding costly downtime.

- Continuous online and offline data logging with time stamps for regulatory compliance and easy troubleshooting
- Automatic event tracking and notification of fault conditions
- Easy collaboration and training with session sharing
- Secure, remote power management with remote reboot
- Easy maintenance with backup and restore of device configurations
- USB port for log storage or to connect USB based PC cards
- Simpler cable management with configurable Cyclades and Cisco pin-outs
- Serial signal change alerts with DCD, DSR, etc.
- Reduced need for POTS lines with PPP and IP forwarding
- Track appliance temperature and send event notifications
- Easy and simple cabling with structured wiring and CAT5 cabling