



## Cyclades<sup>®</sup> PM

Intelligent Power Distribution Unit

Integrated Remote Power  
Management and Distribution

# Cyclades PM

## Intelligent Power Distribution Unit

### Challenge

In today's information age, keeping IT infrastructures fully operational while supporting business goals has never been more important. With the IT infrastructure 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

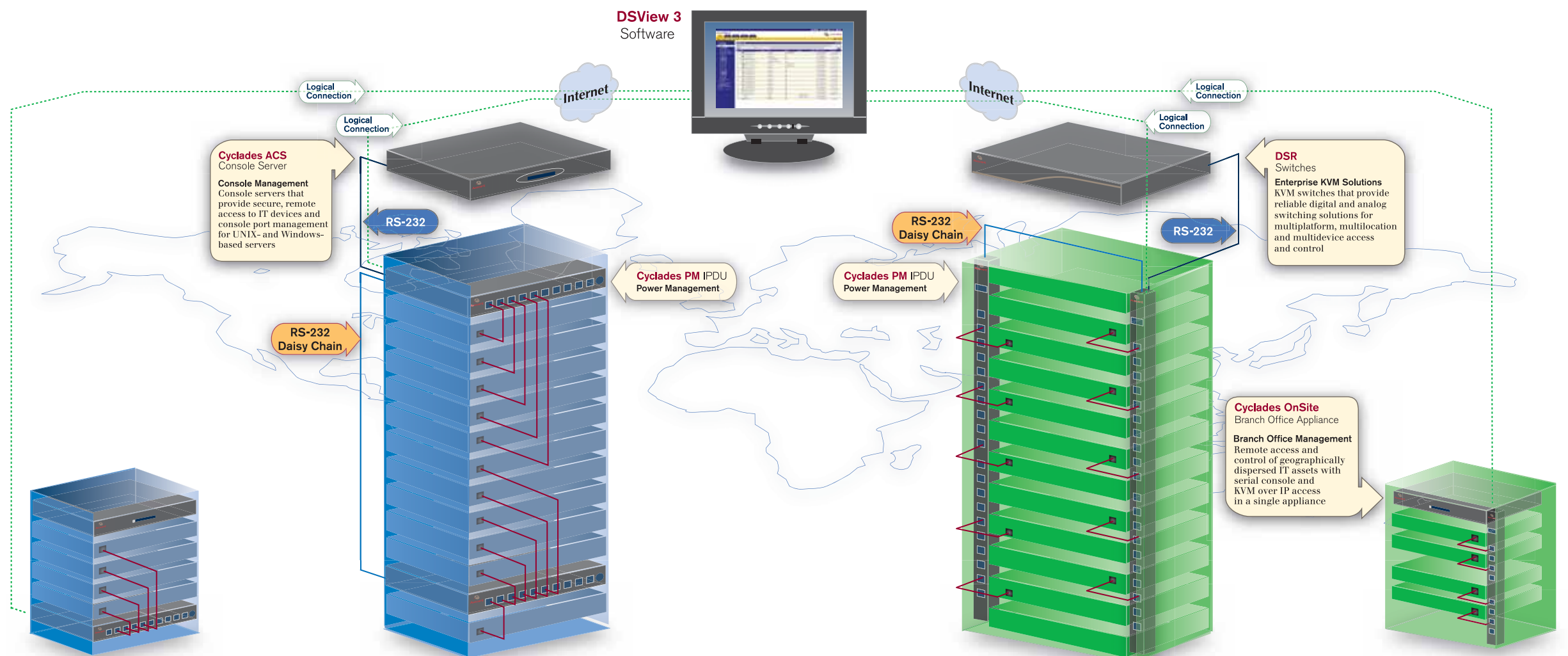
Business stops when the IT production network is down or an IT asset is not responding. In-band management tools alone cannot correct the problem. Administrators often need out-of-band management tools to troubleshoot and restore IT assets across the enterprise, whether these assets are close at hand or remote. Out-of-band management tools by Avocent include Cyclades® PM intelligent power distribution units (IPDUs), DSR® switch appliances, Cyclades ACS advanced console servers and Cyclades OnBoard service processor manager, 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, Internet, PSTN), so that management is not limited by a single network or a single point of failure.

### Cyclades PM IPDUs

Cyclades PM IPDUs work in conjunction with Cyclades ACS advanced console servers, DSR switches and DSView 3 management software to provide secure, reliable power management and fast problem resolution. IT professionals can switch power off and on, restarting devices through console management sessions, for example, from any location via Telnet, Secure Shell (SSHv2, SNMP) or a secure Web session.



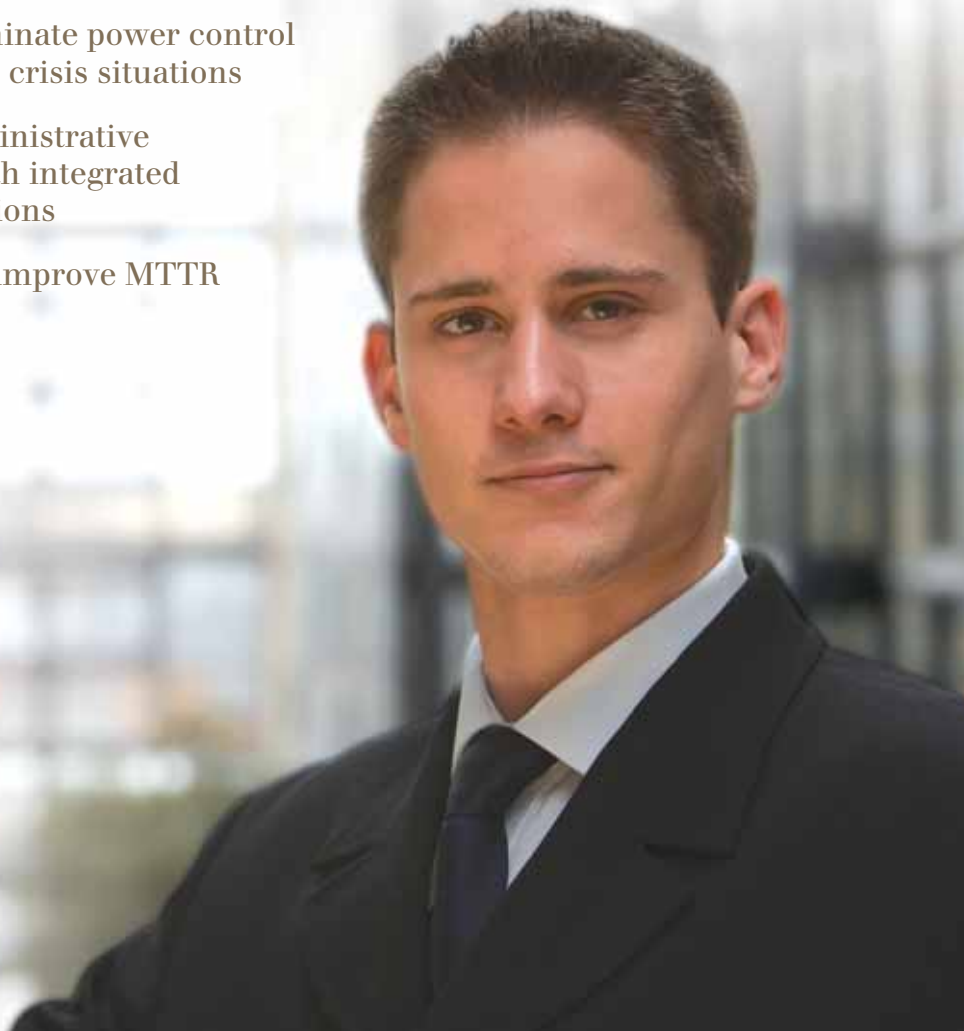
Fully integrated, error-free power distribution and management from anywhere, anytime.

## Secure, Reliable Control

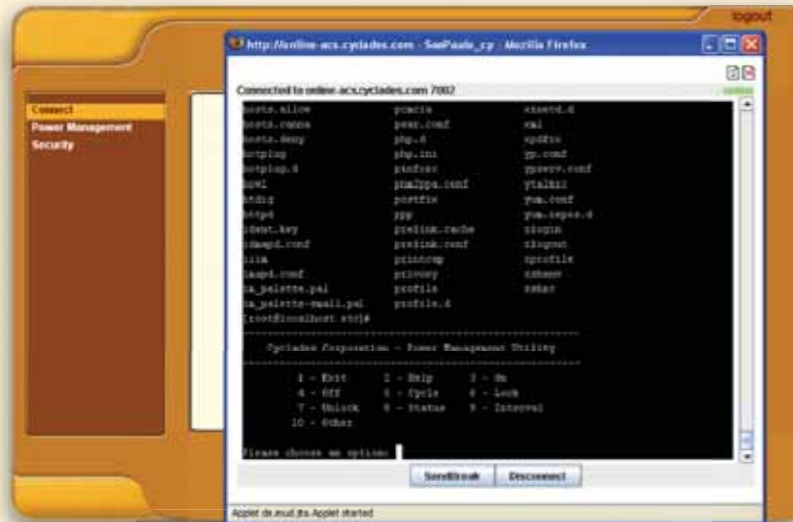
- Cyclades PM IPDUs inherit the security features of attached Cyclades ACS console servers, DSR switches or DSView 3 management software
- Administrators may grant access rights on a per-outlet basis
- Linking one or more device outlets to a single console or KVM port minimizes costly power control errors
- Control power “in line” through a user-defined “hot key,” or an intuitive Web-based GUI

## Benefits

- Leverage server-based authentication and authorization with local fallback
- Virtually eliminate power control errors during crisis situations
- Improve administrative efficiency with integrated control functions
- Reduce risk, improve MTTR



# Cyclades PM IPDU Features



## Connect

“On demand” power management from a console or KVM session through a user-defined “hot key”



## Control

Intelligent, flexible outlet management with built-in safeguards and a simple graphical interface



## Manage

Proactively manage problems with real-time monitoring and event notification



Real-Time Current Monitoring



Individual Outlet Control



Modular Inputs available on most models



Vertical Models of up to 20 outlets



Internal Temperature Sensor



Horizontal Models of up to 10 outlets



IEC outlet models



NEMA outlet models



Daisy Chains of up to 128 outlets



# Centralized Administration, Seamless Integration

- View consolidation and control of all IT assets from a single Web-based interface using DSView 3 software
- Integrated event logging and notification
- Centralized, real-time monitoring of current load and ambient temperature
- Automatic control-level daisy chaining for up to 128 outlets

## Benefits

- Enterprise-level scalability with centralized management for security, administration, maintenance and upgrades
- Simplified installation and administration
- Proactive identification and management of problems
- Conservation of valuable console and switch ports





**Avocent.**  
The Power of Being There.®

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