



Cyclades[®] PM

Intelligent Power Distribution Unit

Integrated Remote Power
Management and Distribution

Cyclades PM

Intelligent Power Distribution Unit

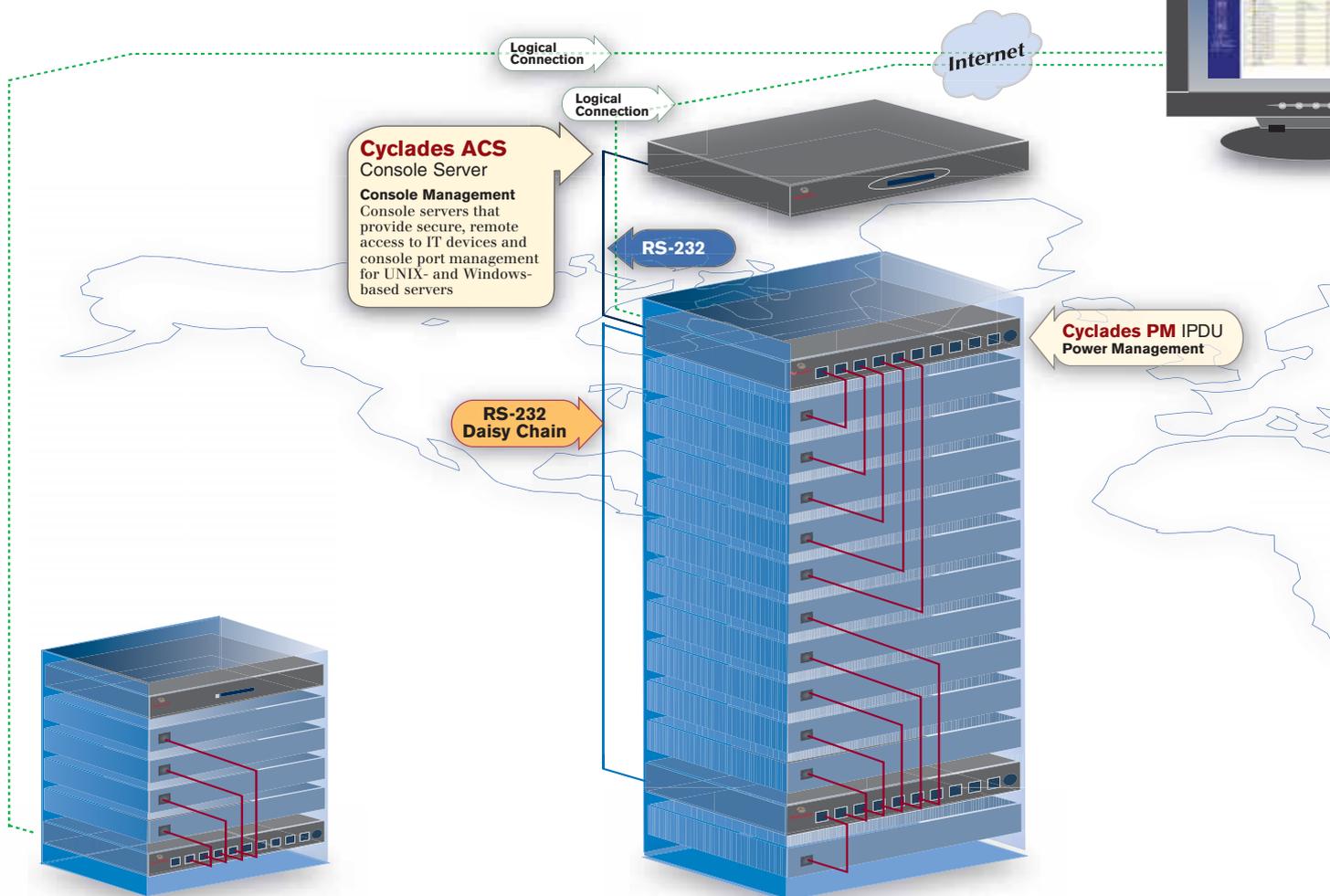
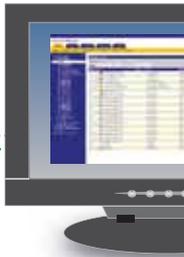
Challenge

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 centres 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.

DSView 3
Software

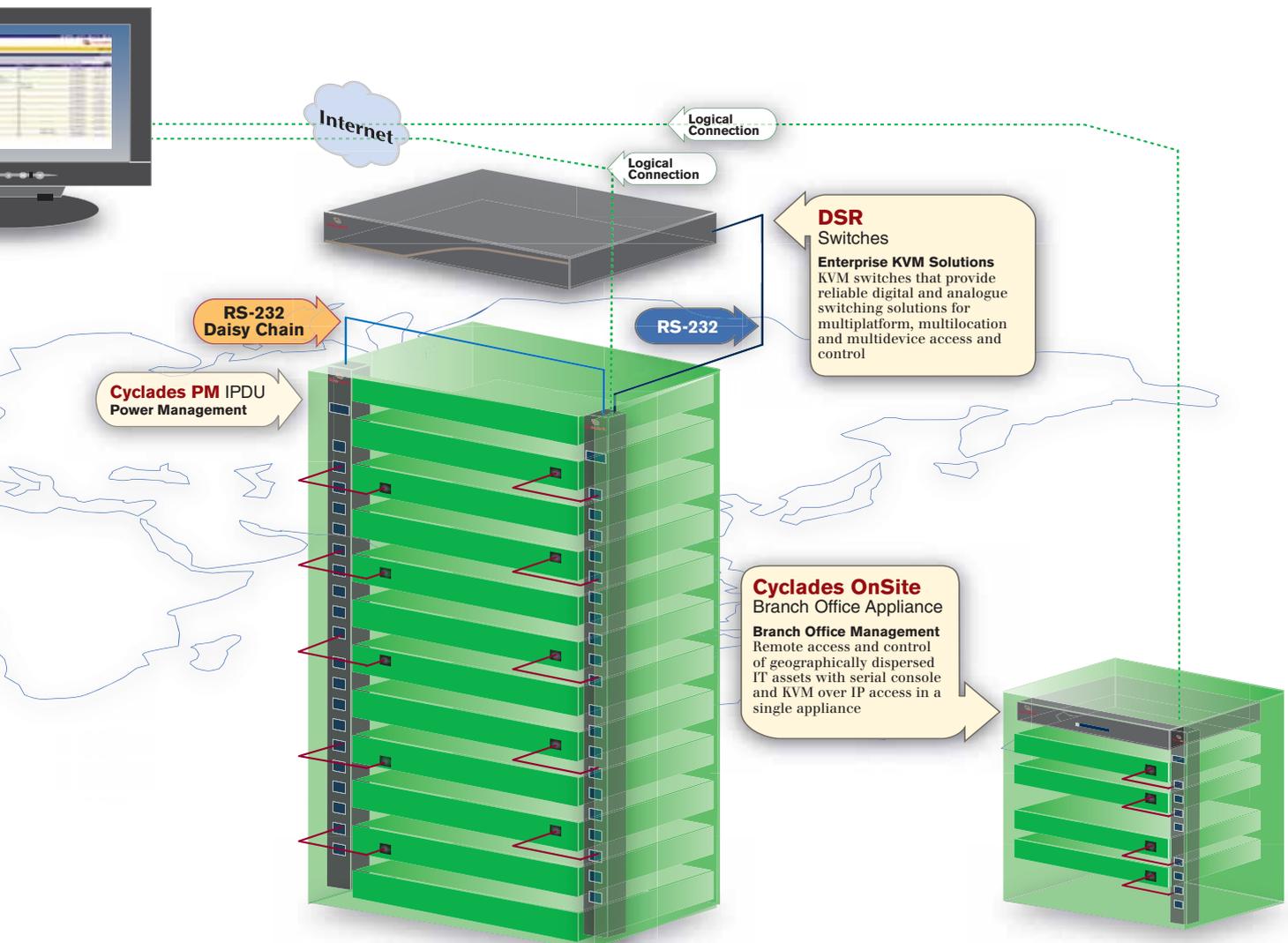


Decrease IT Operational Costs and Increase IT Productivity

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.



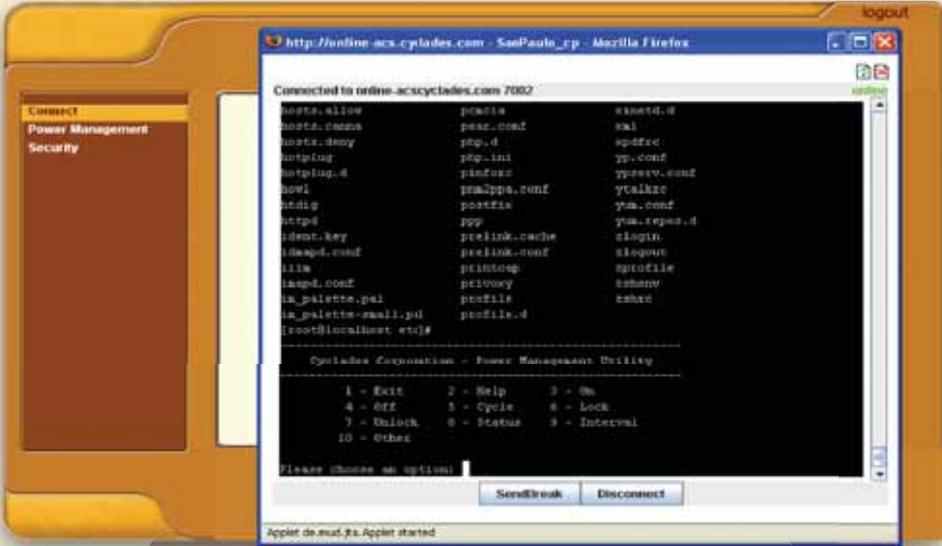
Secure, Reliable Control

- 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 minimises 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 authorisation with local fallback
- Virtually eliminate power control errors during crisis situations
- Improve administrative efficiency with integrated control functions
- Reduce risk, improve MTTR





Connect

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



Control

Intelligent, flexible control with built-in safeguards and graphical interface



Real-Time Current Monitoring

Individual Outlet Control

5 ●

Modular Inputs
available on most models

Vertical Models
of up to 20 outlets

Internal Temperature Monitoring

IPDU Features



Control

Outlet management cards and a simple interface



Manage

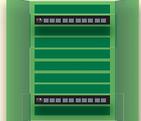
Proactively manage problems with real-time monitoring and event notification



Temperature Sensor



Horizontal Models
of up to 10 outlets



IEC
outlet models



NEMA
outlet models



Daisy Chains
of up to 128 outlets



Centralised 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
- Centralised, real-time monitoring of current load and ambient temperature
- Automatic control-level daisy chaining for up to 128 outlets

Benefits

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



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