

# Cyclades® OnSite

## Branch Office Appliance



### Advanced Out-of-Band Management for Branch and Remote Offices

Cyclades® OnSite branch office appliance provides both remote sites and branch offices with a compact, cost-effective solution for managing IT assets. Unlike competitive offerings, the Cyclades OnSite appliance has been designed specifically for co-located remote KVM and console asset management. It may be used to access up to 16 traditional or headless servers, networking devices, infrastructure components or any other device with a serial console or KVM port. Cyclades OnSite appliance combines the functionality of Avocent's KVM over IP switches with console management features in a single appliance for effective, consolidated remote management.

Cyclades OnSite appliance's KVM interface uses high performance KVM over IP technology; its console management features include native support for Microsoft® Windows® 2003 EMS protocol, data buffering, event notifications, and direct access to any console ports. Using an onboard Web browser interface, Cyclades OnSite appliance does not require special client software.

#### Cyclades OnSite appliance is:

##### Powerful

- Leverages embedded Linux technology

##### Flexible

- Offers a variety of configurations and remote access paths

##### Secure

- Supports SSL/SSH, modem dial back and server-based authentication schemes (e.g., LDAP, Kerberos)

##### Efficient

- Integrates disparate management functions

##### Cost-Effective

- Eliminates KVM-to-serial adapters and external power supplies

##### Simple to Deploy

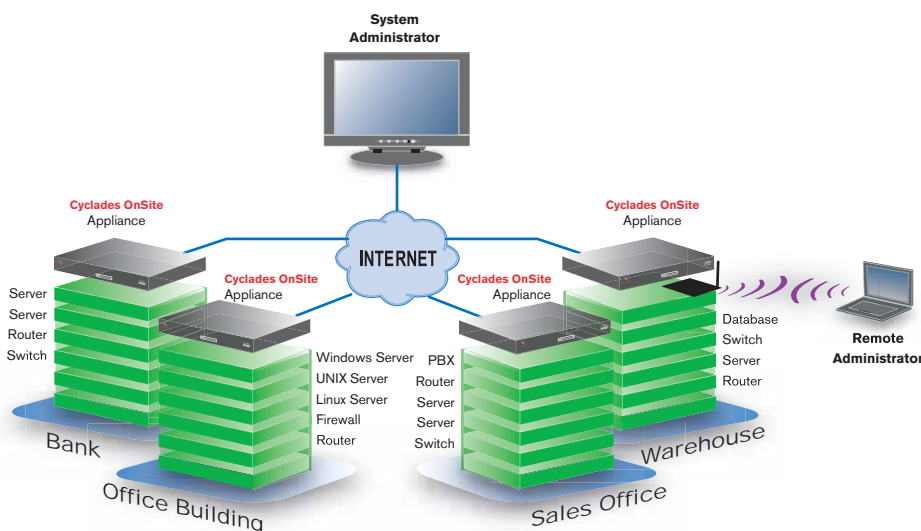
- Includes configuration wizards and DHCP support

### Applications

- Easily access, diagnose and restore IT assets
- Receive proactive notifications of problems, and manage them before they become crises
- Perform virtual administration over UNIX®, Linux®, AIX®, Solaris™-based operating systems, Windows platforms and network infrastructure components

### Benefits

- Eliminate site visits to revive IT assets or to install software updates
- Reduce mean time to recovery (MTTR) significantly and increase asset and personnel productivity
- Achieve console or BIOS-level control over any IT device with a serial console or KVM port
- Eliminate separate KVM- or console-specific management platforms



## Hardware Specifications

**CPU:** PowerPC MPC859 @ 133 MHz

**Memory:** 128 MB SDRAM/128 MB flash

**Interfaces:** 1 Ethernet 10/100BT on RJ-45  
1 RS -232 console on RJ-45  
2 RS -232 DTE on RJ-45 for power manager or external modem  
1 V.92 internal modem on RJ-11  
4 or 8 RS-232 serial ports on DB-9  
4 or 8 KVM ports on RJ-45

### Dual PC Card

**Slots Supporting:** Secondary Ethernet, wireless Ethernet, GSM, CDMA, GPRS, ISDN, fiber optic, data storage

**Power:** Universal AC, 100–240 VAC, 50/60 Hz, 0.7 A max

### Environmental:

**Operating Temperature:** 50°F to 122°F (10°C to 50°C)

**Storage Temperature:** -40°F to 185°F (-40°C to 85°C)

**Humidity:** 5% to 90% noncondensing

**Enclosure:** Powder-coated steel

### Dimensions:

(WxDxH) 17 x 10.5 x 1.75 in.  
(43.18 x 26.25 x 4.45 cm)

### Certifications:

FCC part 15A  
EN55022  
A (CE)  
EN55024  
EN60950  
CSA  
C-Tick  
ICES-003  
VCCI

## Features

### Security

- SSHv1 and SSHv2
- Local, RADIUS, TACACS+, LDAP, NIS, NTLM, Active Directory and Kerberos authentication
- Token-based strong authentication (RSA SecurID)
- Local backup user authentication support
- PAP/CHAP authentication (for dial-up lines)
- Dial-back support
- IP packet and security filtering
- User access lists
- System event syslog
- IPSec support

### Console Management

- Sun break-safe (Solaris Ready™ Certified)
- Break-over SSH support
- Windows Server 2003 EMS support
- Offline data buffering – local or remote (NFS/Syslog)
- Time stamp for data buffering
- Unlimited number of simultaneous sessions to serial ports
- Simultaneous access on the same port (port sniffing)
- Event notification (e-mail, pager, SNMP trap)

### System Management

- Configuration wizard for first time users
- Command line interface (Linux Shell)
- Web Management Interface (HTTP/HTTPS)
- On-screen display for local configuration
- SNMP
- Optional integrated power management with Cyclades PM intelligent power distribution units (IPDUs)

### Server Management via KVM

- Simultaneous access on the same port
  - Cyclades OnSite 441, 841, 881, 882 appliances – 1 local and 1 remote user
  - Cyclades OnSite 882 appliance – 2 remote users
- Support for VGA resolutions up to 1280 x 1024 @ 60 Hz
- CAT5-based KVM terminators for PS/2, PC USB and Sun USB keyboard and mouse interfaces

### Upgrades

- Upgrades available via FTP
- Flash upgradeable
- TFTP support for network boot

### Additional Protocols Supported

- DHCP for dynamic IP address assignment
- PPP/SLIP for dial-up connections
- NTP for time server synchronization
- RFC2217 support for remote serial port access

Part Number	Model	Description
ATP7441	Cyclades OnSite 441	4 console ports and 4 KVM ports; 1 remote and 1 local user
ATP7841	Cyclades OnSite 841	8 console ports and 4 KVM ports; 1 remote and 1 local user
ATP7881	Cyclades OnSite 881	8 console ports and 8 KVM ports; 1 remote and 1 local user
ATP7882	Cyclades OnSite 882	8 console ports and 8 KVM ports; 2 simultaneous remote KVM users or 1 remote and 1 local user
ATP4610	Cyclades KVM Terminator PS/2	
ATP4620	Cyclades KVM Terminator Sun USB	
ATP4630	Cyclades KVM Terminator USB PC	
A DB0056	Adapter, DB-9 female to RJ-45 female crossover	
CAB0056	Cable DB-9 female to RJ-45 male crossover 6 feet	
CAB0286	Cable DB-9 female to DB-9 female crossover 6 feet	