CS Console Servers
Securely access any serial device from any location

Benefits

Security
- Separate authentication to acces ports and console servers
- User access lists per port
- SSHv1 and SSHv2
- Local RADIUS, active directory and LDAP authentication
- PAP/CHAP authentication for dial-up lines
- Off-line data buffering - local or remote (NFS/Syslog)

User
- Configuration wizard for first-time users eases installation
- Access devices via the local serial port (in-band) or remotely using TCP/IP or dial-up (out-of-band)
- Provides port access:
  - Directly by TCP port, IP address or server name
  - Telnet/SSH with menu
  - Simultaneous Telnet and SSH access
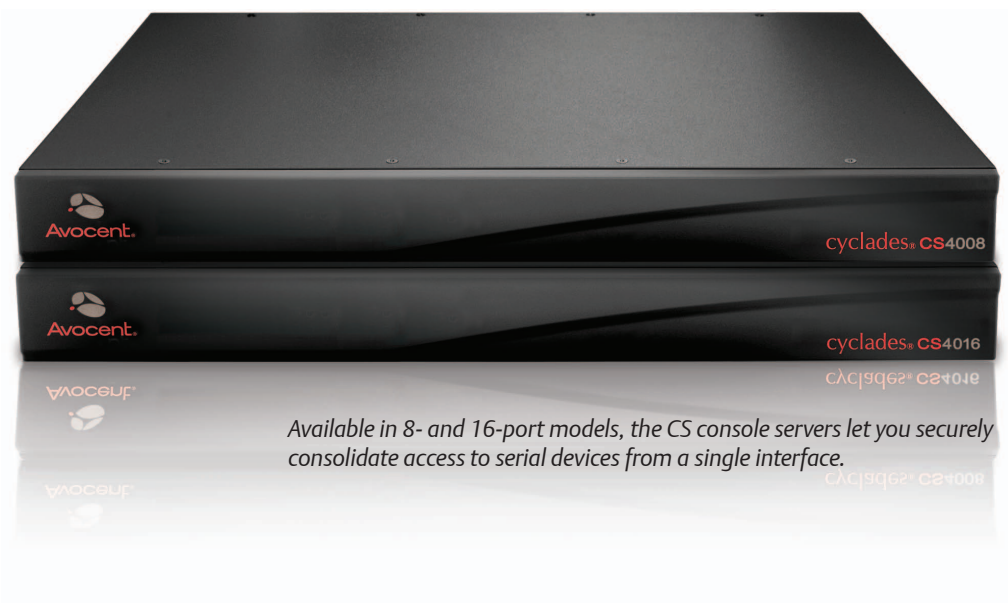 - HTTP/HTTPS
  - Bi-directional Telnet

Management
- Sun break-safe (Solaris Ready™ certified)
- Break-over SSH support
- Off-line data buffering - local or remote (NFS/Syslog)
- Timestamp for data buffering
- Unlimited number of simultaneous sessions
- Simultaneous access on the same port (port sniffing)

Securely access any serial device from any location

Consolidated access to serial devices such as servers, routers, switches and serial power devices eases management complexities in SMB environments, including server rooms and midsize data centers. The CS console servers simplify access to serial devices with convenient management over an IP network via an onboard Web interface, at the rack through the local console port or dial-up with an external modem. A configuration wizard for first-time users eases installation.

Using a Linux®-based operating system, this solution includes a command line interface (Linux Shell) that increases manageability. The console servers also support console management options such as Sun break-safe, break-over SSH support, off-line data buffering, unlimited number of simultaneous sessions, simultaneous access on the same port (port sniffing) and event notification (e-mail, pager and SNMP traps).

CS console servers include security options for verifying users such as RADIUS, active directory and LDAP. Security benefits also include separate authentication to access the console server and individual ports. Available in 8- and 16-port models, the console servers let you consolidate access to serial devices with a single interface.

Available in 8- and 16-port models, the CS console servers let you securely consolidate access to serial devices from a single interface.

ORDERING DETAILS

Part number	Description
CCS4008-XXX	8-port console server, AC power
CCS4016-XXX	16-port console server, AC power

For country-specific availability, please contact an Avocent sales representative.

Specifications

Mechanical

Size: 1.75 in. (4.45 cm) H, 17 in. (43.18 cm) W, 8.5 in. (21.59 cm) D

Weight:
CS 4008 Console Server: 6.3 lbs. (2.86 Kg)
CS 4016 Console Server: 6.4 lbs. (2.90 Kg)

Style: Rack mount

Environmental

Operating Temperature: 50° to 112°F (10° to 44°C)

Storage Temperature: 4° to 158°F (-20° to 70°C)

Humidity: 15% to 90% non-condensing

Power

Operating Voltage: 100-240 VAC

Power Frequency: 50-60 Hz

Operating System: Linux

CPU: MPC855T (PowerPC dual CPU)

Memory: 128MB DIMM SDRAM/32MB compact flash

Interfaces: 1 Ethernet 10/100BT on RJ45, 1 RS-232 console on RJ45, RS-232 serial ports on RJ45
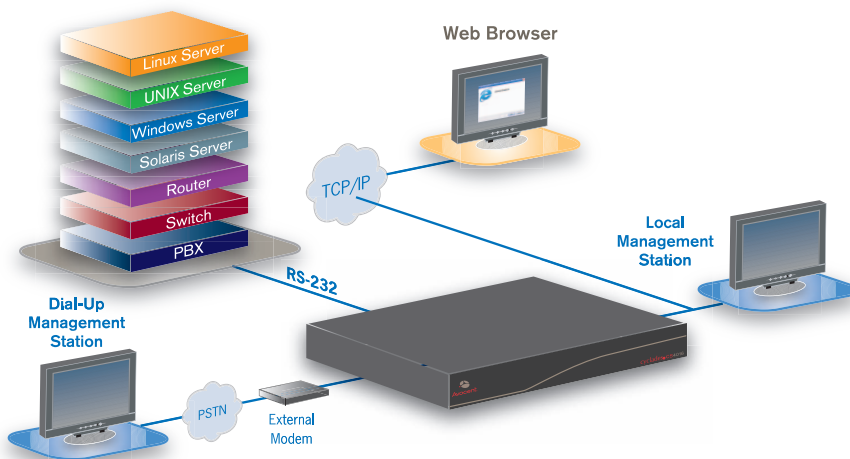
Standards

Approved Agencies:
FCC Part 15 Class A, EN55022, Class A (CE), EN55024, UL/cUL, TUV/GS, Japan VCCI V3/2003.4, BSMI,CB Scheme (IEC 60950), MIC, S-Mark, ICES-03,-Tick, Solaris Ready™

Warranty
Two Years

Linux Server
UNIX Server
Windows Server
Solaris Server
Router
Switch
PBX

Web Browser

TCP/IP

Local Management Station

RS-232

Dial-Up Management Station

PSTN

External Modem

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