

# VTS Series

## Console Servers



▶ **VTS400/800**  
4/8-port  
Console Server



▶ **VTS1600**  
16/32-port  
Console Server



▶ **VTS4800**  
48-port  
Console Server

## Features

- Remote managements of servers, racks switches and any other network equipments over the 10/100 Base Ethernet network or dial-up connection
- Supports 4/8/16/32/48 serial ports with data transfer rate up to 230Kbps In-band management of devices over wired/wireless LAN
- Out-of-band management through dial-in access or broadband network such as ADSL and cable
- Various PC card support through PCMCIA interface including ATA memory modem and wired/wireless LAN card
- Port logging/buffering using built-in RAM disk or ATA storage card or NFS server or SYSLOG server
- Email alarm notification to the administrator
- Supports strong security protocols such as SSH, RADIUS, LDAP, TACACS+ and Kerberos
- Support Dynamic DNS and PPPoE protocols for broadband network connectivity
- Sun Solaris Safe
- Configuration via web, telnet, SNMP or system console

**The VTS Series** is a Console Management Server, providing unlimited access to remote network and telecom equipments, helping you maintain optimum system performance and availability.

Featuring PCMCIA slot for enhanced functionality, the VTS Series supports many PC cards such as Wired/Wireless LAN card to access another network for back up purpose, phone-line modem card for out-of-band access to the VTS with an external modem, and Flash Memory card to store the VTS system log and port log data safely. Flexible solution, the VTS offers high density with 48 serial ports to manage the equipment in a Internet data centre using the minimum space.

The security features of VTS Series limits access to only authorized users, using user names and passwords, authentication and Secure Shell (SSH) with public key, provides strong user authentication and protection for the port access.

Available in 4/8/16/32 and 48 port models, the VTS Series is the cost effective and true integrated solution for network managers to manage the network and telecom equipment securely.

The cost effective and scalable Console Management solution, the VTS, would be the true integrated solution for network managers to manage the network and telecom equipments securely from anywhere in the world.

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The product specification is subject to change without prior notice.

# VTS Series

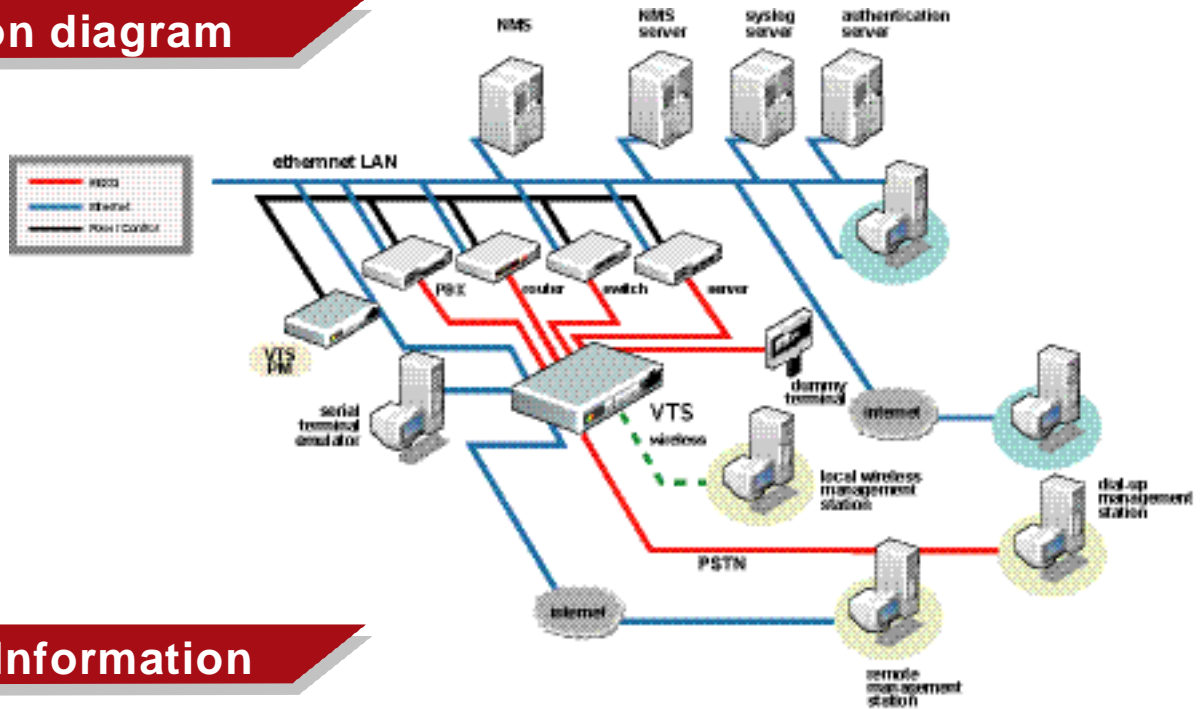
## Console Management Servers

### Specifications

	VTS400	VTS800	VTS1600	VTS3200	VTS4800
	4-Port	8-Port	16-Port	32-Port	48-Port
Serial Interface	RJ45 Use Ethernet cable for console access over Sun Netra / Cisco equipment				
	– FlowControl:HardwareRTS/CTS,SoftwareXON/XOFF				
	– Signals:RS232Rx,Tx,RTS,CTS,DTR,DSR,GND				
	– Modemcontrols:DTR/DSR andRTS/CTS				
Network Interfaces	10/100 Basic EthernetwithRJ45Ethernetconnector				
	SupportsstaticanddynamicIPaddress				
Protocols	ARP,IP/ICMP, TCP, Telnet, SSH v1 &v2, DNS,DynamicDNS, HTTP, HTTPS, SMTP, SMPT with Authentication, pop-before SMTP, DHCP client, NTP, PPPoE, SNMPv1&v2(MIBII), RIP,Staticrouting				
PC Card	One slot interface ATA/IDE fixed disk card LAN card 802.11b Wireless LAN card PSTN/CDMA Modem card				
Security	User access control to the system and the ports				
	User-level Management: Root, Admin, Port Admin, User				
	SSH v1 & v2 with public key support				
	RADIUS, LDAP, TACACS + authentication				
	IP filtering for the system ports				
Logging & Buffering	Deliver the system log messages to NFS, syslog server, ATA Flash memory				
	Store port buffer data to NFS, syslog server, ATA Flash memory				
	Supports the flexible buffer size management according to the media and the application				
	Alarm notification from the port alarm messages				
Clustering	Supports NAT-based efficient and secure clustering				
	Access up to 16 slave units				
Management	– Web, Telnet/SSH, System console port, HelloDevice Manager				
	– Supports Linux command line interface for the power users				
	– Full-featured system status displayapplication				
	– Firmware: Downloadable through Telnet or system console				
LED indicator	Power In-Use PCMCIA Link, Act, 100Base Serial Ready/Rx/Tx for each console port				
POWER	5 VDC external power adapter 1.5A/5VDC		110~240 VAC, 50/60 Hz 43W		110~240 VAC, 43W Single/Dual power or 48~65VDC
Environmental	Operating temperature: 0C to 50C Storage temperature: -20C to 66C Humidity: 90% Non-condensing				

Physical properties	Dimension	Dimension	Dimension
	245 mm L (9.6 inch) 153 mm W (6.0 inch) 30 mm H (1.2 inch)	432 mm L (17 inch) 212 mm W (7.6 inch) 44.5 mm H (1.75 inch) 1U,19 in, rack mountable	443 mm L 253 mm W 44 mm H 1U,19 in, rack mountable
	Weight 1.5kg	Weight 2.8kg	Weight 3.0 kg (Single power) Weight 3.1 kg (Dual power)
MTBF	17.09 Years	8.93 Years	8.62 Years
Approvals	CE, FCC Class A, MIC		
Warranty	5-years limited warranty		

## Application diagram



## Ordering Information

<b>VTS 400</b>	4-port Console Management Server
<b>VTS 800</b>	8-port Console Management Server
<b>VTS 1600</b>	16-port Console Management Server
<b>VTS 3200</b>	32-port Console Management Server
<b>VTS 4800</b>	48-port Console Management Server

**All items includes** Power cord  
Quick Start Guide  
Cable kit  
CD-ROM

**Options** #0401078 RJ45 to DB9F Cable Adapter, Crossover, Bundle of four  
#0401079 RJ45 to DB25F Cable Adapter, Crossover, Bundle of four  
#0401080 RJ45 to DB25M Cable Adapter, Crossover, Bundle of four  
#0401081 RJ45 to DB25M Cable Adapter, Straight, Bundle of four

**U.S. / Canada / South America**  
Tel : +1 (408) 262-6762 Fax: +1 (408) 907-3738

**EU / Africa**  
Tel : +33 (0) 1 53 53 16 29 Fax: +33 (0) 1 53 53 14 00

**Asia / Pacific**  
Tel : +82-2-571-8283 Fax: +82-2-573-7710

**Contact us via E-mail**  
General Information : info@sena.com  
Sales & Distribution : sales@sena.com  
Technical Support : support@sena.com

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www.sena.com