Serial Console Server
TSM Series

Secure Console Access
from *Anywhere*!

Serial Console Port Management:
- 8, 24 or 40 RS232 RJ45 Serial Ports
- Break Command Blocking
- SSH/Telnet/Raw-Socket TCP Connection
- Reverse/Outbound SSH

Accessibility:
- In-Band (10/100Base-T Ethernet Port)
- DPE Series Units Include Dual Ethernet Ports with Fallback Capabilities
- Out-of-Band (Optional Internal Modem)
- Local Access (RJ45 RS232 SetUp Port)
- Supports both IPv6 and IPv4

Security & Authentication:
- SSHv2 Encryption
- Embedded Validated FIPS 140-2 Cryptographic Module
- HTTPS/SSL Secure Web
- Remote Authentication: LDAP/Kerberos/RADIUS/TACACS+
- Port-Specific Password Protection
- Multi-Level Subscriber Directory
- IP Address Filtering

Event Monitoring, Logging and Notification:
- Alarms via SNMP, Email or Text Message
- Over-Temperature Alarms
- Lost Communication Alarm
- Ping-No-Answer Alarm (Failed Ping Command)
- Invalid Access Lockout and Alarm
- Power Cycle Alarm
- Buffer Threshold Alarm
- No Dialtone Alarm
- Temperature Logging, Command Logging and Event Logging Capabilities
- SYSLOG Messages
- Time Stamp & Non-Connect Port Buffering

Unit Management:
- CLI plus Web-Based GUI
- SNMP Control, Monitoring and Configuration (Supports SNMP Versions 1, 2C and 3)
- Full MIB Support
- Multiple Concurrent SSH Sessions
- NTP for True Server Sync
- Includes WMU Enterprise Management Software

TSM-40-DPE
Dual Power Supply, Dual Ethernet Ports

WTI's TSM Series console servers provide secure, remote access to RS232 console ports on servers, routers, switches, firewalls and other network elements. This allows system administrators to manage and troubleshoot network devices from anywhere. The TSM's robust assortment of security and authentication features ensure that access to the console ports of your critical network elements remain secure.

A TSM console server can also monitor network elements, constantly watching for significant changes, and then promptly notify network managers via SNMP trap, email or text message when high temperature readings, full port buffers, invalid access attempts and other events are detected. TSM Console Servers come in 120/240 VAC, -48 VDC and 120/240 VAC Failsafe Power Redundant models.

Secure Console Port Access
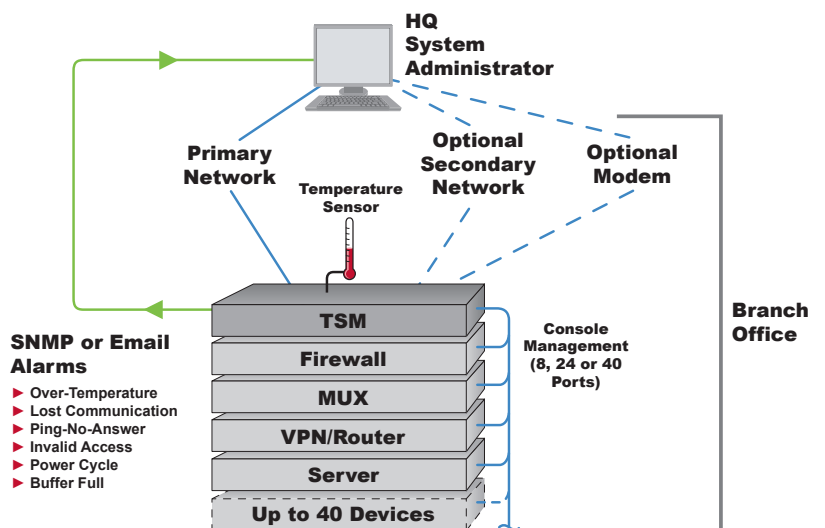
Serial Console Server
TSM Series

Model Number	RS232 Ports	Ethernet Port(s)	Voltage	Power Input	Internal Modem
TSM-8	(8) RJ45 (DTE)	1	100 - 240 VAC, 50/60 Hz, 10 Watts Max.	(1) IEC-320-C14 Inlet*	Optional
TSM-8DC	(8) RJ45 (DTE)	1	-48 VDC, 0.3 Amp Max.	(1) Terminal Strip (#6-32)	Optional
TSM-24	(24) RJ45 (DTE)	1	100 - 240 VAC, 50/60 Hz, 10 Watts Max.	(1) IEC-320-C14 Inlet*	Optional
TSM-24DC	(24) RJ45 (DTE)	1	-48 VDC, 0.3 Amp Max.	(1) Terminal Strip (#6-32)	Optional
TSM-24-DPE	(24) RJ45 (DTE)	2	100 - 240 VAC, 50/60 Hz, 10 Watts Max.	(2) IEC-320-C14 Inlets*	Optional
TSM-40	(40) RJ45 (DTE)	1	100 - 240 VAC, 50/60 Hz, 10 Watts Max.	(1) IEC-320-C14 Inlet*	Optional
TSM-40DC	(40) RJ45 (DTE)	1	-48 VDC, 0.3 Amp Max.	(1) Terminal Strip (#6-32)	Optional
TSM-40-DPE	(40) RJ45 (DTE)	2	100 - 240 VAC, 50/60 Hz, 10 Watts Max.	(2) IEC-320-C14 Inlets*	Optional
NR-MODEM	Internal 56K V.92 Analog Modem Option (Installed)				
23R-WTI	23" Rack Adapter Kit for TSM Series				

* 120 VAC Units Include IEC-60320-C13 to NEMA 5-15P Power Supply Cable. Other Power Cables may be ordered separately.

Memory:	256K per RS232 Port
Ethernet Port(s):	10/100 BaseT, RJ45
Internal Modem Option:	56K v.92 Internal Modem with Dialback Security
Operating Temperature:	32˚F - 122˚F (0˚C - 50˚C)
Humidity:	10 - 90% RH
Size:	Height: 1.75" (4.4 cm), 1 Rack U Width: 19.00" (48.3 cm) Depth: 6.50" (16.5 cm)
Shipping Weight:	8 Lbs (3.6 Kgs)
Mounting:	19" Rack Brackets Included
Approvals:	UL, cUL, CE (208/250 VAC Units), FCC Class A

TSM-24-DPE
24 RJ45 RS232 Ports, Dual Power, Dual Ethernet

TSM-8
8 RJ45 RS232 Ports

✔ 5 Year Warranty
✔ Stocked for Same Day Shipments
✔ In-House Design & Manufacturing
✔ Made In USA

For More Information:
Call: (800) 854-7226
Or Visit: www.wti.com

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