



WE HELP THE NET...WORK!

## SECURE CONSOLE SERVERS DSM SERIES



(DSM-40-E) + Dual Ethernet / Dual Power + Integrated Cellular

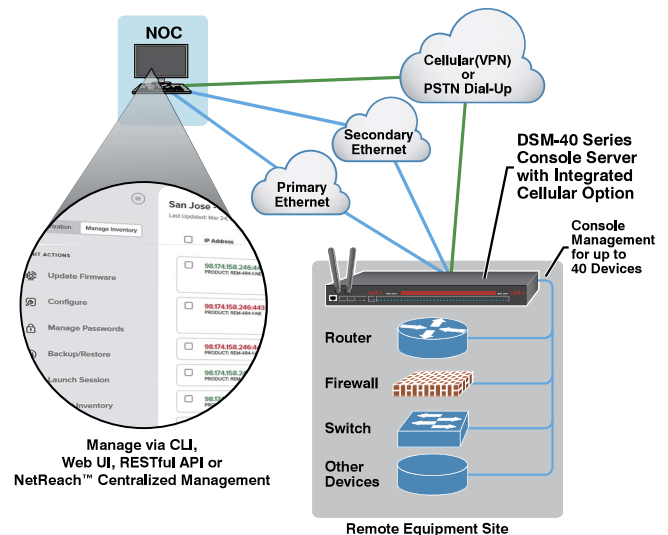
# Out-of-Band Console Management for Secure Networks

DSM Series console servers provide secure, reliable out-of-band access to console ports on critical network elements, allowing emergency access to infrastructure when you need it most.

When troubled network devices disrupt connectivity and threaten availability, DSM Series Console Servers deliver fast, secure, OOB access to routers, switches, firewalls and other equipment. Create SSHv2 connections to any device on your network via 10/100/1000 Ethernet, Cellular or PSTN dial-up, and then remotely restore configurations, view audit logs or implement troubleshooting functions to restore your network without the expenses, delays and hassles of a truck roll or service call.

The DSM's RESTful API, monitoring and alarm functions simplify remote network management by providing an automated response to high rack temperatures, failed pings and other signs of trouble.

Monitoring and reviving network devices has never been easier!



### IP-to-Serial Console Management:

- 8, 24 or 40 RS232 RJ45 Serial Ports
- Ctrl+Break Command Block Options
- Reverse/Outbound SSH

### Security & Authentication:

- HTTPS, SSHv2, SNMPv3
- Transport Layer Security (TLS) v1.2, v1.3
- IPSec (Server/Client) & OpenVPN
- IPtables / Static Routes
- Supports Duo, RSA, Okta & Azure Multi-Factor Authentication
- SAN Certificate Support
- AAA: LDAP/Active Directory/Kerberos/RADIUS/TACACS+
- Embedded Validated FIPS 140-2 Cryptographic Module
- Port-Specific Password Protection
- Invalid Access Lockout & Alarm

### Event Monitoring, Logging & Notification:

- Alarms via SNMP, Email or Text Message
- Over-Temperature Alarms
- Ping-No-Answer Alarm (Failed Ping Command)
- Power Cycle Alarm & Lost Voltage Alarms
- Temperature, Command & Event Logging
- Buffer Monitoring & Alarms
- No Dialtone & Lost Communication Alarms
- Time Stamp & Non-Connect Port Buffering

### In-Band/Out-of-Band Access:

- Primary Ethernet: 10/100/1000
- **Optional** Secondary Ethernet with Fallback Capabilities: 10/100/1000
- **Optional** 56k v.92 Modem with Dialback Security
- **Optional** 4G LTE Cellular with Wake-Up on Failure
- **Optional** Always On with Failsafe Dual Power Supplies
- IP Passthrough for Cellular WAN Failover
- Local Access (RJ45 RS232 & USB Mini Set-up Ports)
- Supports IPv4 and IPv6

### Unit Management:

- Compatible with WTI Centralized Management Software
- CLI & HTML5 Web-Based GUI
- SNMP & Full MIB Support
- FTP/TFTP/SFTP/SCP
- DHCP/DNS/DDNS
- NTP for True Server Sync
- Multiple Concurrent SSHv2 Sessions

### DevOps Automation:

- RESTful Web Services API
- Ansible Galaxy Collections Support
- SYSLOG & Streaming Telemetry Support
- WebHook Support (Slack/Splunk/WebEx)
- Zero Touch Provisioning (ZTP) Support

[wti.com/console](http://wti.com/console)



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# Secure Console Servers

## DSM Series

Model Series	RS232 Ports	Ethernet Port(s)	Voltage	Power Input	Dial-Up Modem
DSM-8	(8) RJ45 (DTE)	1 or 2*	AC Models: 100 - 240 VAC, 50/60 Hz, 10 Watts Max. DC Models: -48 VDC, 0.3 Amp Max.	AC Models: (1) IEC-320-C14 Inlet** DC Models: (1) Terminal Strip (#6-32)	56K v.92 ***
DSM-24	(24) RJ45 (DTE)				
DSM-40	(40) RJ45 (DTE)				
23R-WTI	23" Rack Adapter Kit for DSM Series				

\* Dual Ethernet Ports present on "E" Models only.

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

\*\*\* Dial-Up Modem not present on "NM" models.

Model Number Key	Sample Model Number: DSM 8 #####	Option Codes: (Note: Base Units do Not Include Option Code)
<b>Series:</b> DSM Console Servers <b>Number of Serial Ports</b> (8, 24 or 40) <b>Option Codes</b> (See List in Right Column) (e.g., DSM-8-DCNM-E)		E = Dual Ethernet Ports, Dual Power Inlets DP = Dual Power Inlets DC = DC Powered NM = Dial-Up Modem Not Included
4G LTE Cellular Option Requires Additional W4G-VZW, W4G-ATT or W4G-EUA Model Numbers for All DSM Series.		

<b>Port Buffer:</b>	256K per RS232 Port
<b>Ethernet Port(s):</b>	10/100/1000 BaseT, RJ45
<b>Internal Modem Option:</b>	56K v.92 Internal Modem with Dialback Security
<b>Internal Cellular Option:</b>	4G LTE for Verizon, AT&T, T-Mobile or EU
<b>Operating Temperature:</b>	32°F - 140°F (0°C - 60°C)
<b>Humidity:</b>	10 - 90% RH
<b>Size:</b>	Height: 1.75" (4.4 cm), 1 Rack U Width: 19.00" (48.3 cm) Depth: 6.55" (16.6 cm)
<b>Shipping Weight:</b>	8 Lbs (3.6 Kgs)
<b>Mounting:</b>	19" Rack Brackets Included
<b>Approvals:</b>	UL, cUL, CE, FCC Class A



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

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