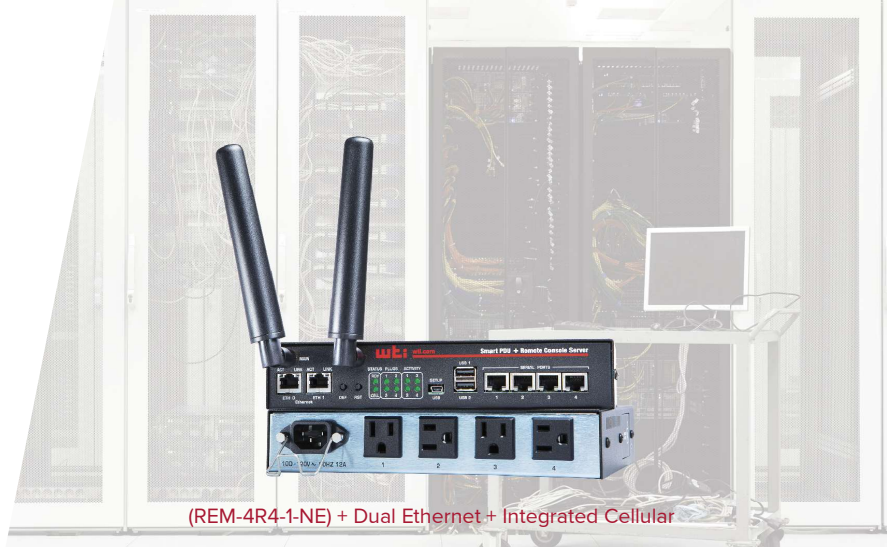**WE HELP THE NET...WORK!**

# REMOTE EDGE MANAGER
REM SERIES

(REM-4R4-1-NE) + Dual Ethernet + Integrated Cellular

Out-of-Band Management For Edge Networks

The REM is a compact and comprehensive Out-of-Band Rescue™ solution for WAN edge and branch offices.

Designed for small racks and enclosures, the REM delivers all the benefits of a next-gen console server and intelligent PDU with backup LAN/WAN connectivity over 4G LTE cellular and dual gigabit ethernet.

When IT infrastructure and services become unresponsive, the REM allows you to quickly access, troubleshoot and restore connections without a truck roll. Better yet, with WTI OOB automation features you can proactively monitor and remediate issues for always-available resilient networks.
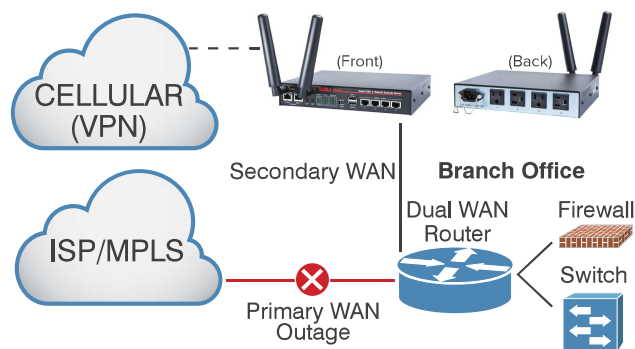
In-Band/Out-of-Band Connectivity:

■ Primary Ethernet: 10/100/1000
■ Optional Secondary Ethernet with Fallback Capabilities: 10/100/1000
■ Optional 4G LTE Cellular with Wake-Up on Failure
■ IP Passthrough for Cellular WAN Failover
■ Local Access (USB Mini Set-up Ports)
■ Supports IPv4 and IPv6

Console Port Management:

■ (4) RS232 RJ45 Serial Ports
■ (2) USB 2.0 Type A Ports
■ Ctrl+Break Command Block Options
■ Reverse/Outbound SSH

Remote Power Management:

■ (4) Switchable NEMA 5-15R or IEC C13 Outlets
■ Single 15 Amp Power Input
■ On/Off/Reboot/Default/Load Shed Switching
■ Outlet Sequencing & Power Up Delays
■ Scheduled Outlet Switching/Reboot
■ Ping Watchdog with Auto Reboot
■ 120 VAC and 240 VAC Models

Event Monitoring, Logging & Notification:

■ Temperature, Command & Event Logging
■ Time Stamp & Non-Connect Port Buffering
■ Power Cycle & Lost Communication Alarms
■ Ping-No-Answer Alarm (Failed Ping Command)
■ Buffer Monitoring & Alarms
■ Over-Temperature Alarms

DevOps Automation:

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

Unit Management:

■ Compatible with WTI NetReach® 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

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

DOWNLOAD SPEC SHEET

WATCH THE DEMO

Model Number	Outlets	Console Ports	AC Voltage 50/60 Hz	Power Dist. (80% Derated)	Input Feeds	Power Cord (Detachable)	Primary/Secondary Ethernet	Cellular
REM-xRx-1-xx	(4) NEMA 5-15R	4 RJ45 / 2 USB	100/120V	1.2/1.4 kW	(1) 15 Amp	C13 to NEMA 5-15P, 8'	10/100/1000	4G LTE
REM-xRx-2-xx	(4) IEC 60320 C13	4 RJ45 / 2 USB	100/240V	1.2/2.8 kW	(1) 15 Amp	(Sold Separately)	10/100/1000	4G LTE

Model Number Key   Sample Model Number: **REM 4R4 1 N E**

Series

REM   Remote Edge Manager

Ports/Outlets

4   Console Ports   **4**   Power Outlets

Outlet Type

1   NEMA 5-15R   **2**   IEC 60320 C13

Cellular Connectivity

N   North America (Verizon, AT&T, T-Mobile)
Freq. (MHz) **4G:** B2(1900), B4(AWS1700), B5(850), B12(700a), B13(700c), B14(700 FirstNet), B66(AWS-3 1700), B71(600)
Verizon: B2, B4, B5, B13, B66 ; AT&T: B2, B4, B5, B12, B14, B66 ; T-Mobile: B2, B4, B5, B12, B66, B71
Freq. (MHz) **3G:** B2(1900), B4(AWS1700), B5(850)

North America Cellular Option Requires Additional Part Number: W4G-NAM-REM

W   World Wide (various carriers)
Freq. (MHz) **4G:** B1(2100), B3(1800), B7(2600), B8(900), B20(800), B28A(700)
Freq. (MHz) **3G:** B1(2100), B3(1800), B8(900)
Freq. (MHz) **2G:** B3(1800), B8(900)

World Wide Cellular Option Requires Additional Part Number: W4G-EUA-REM

Ethernet Connectivity

E   Dual 10/100/1000   *blank*   Single 10/100/1000

Dual Ethernet Connectivity Option Requires Additional Part Number: NRR-E-REM

Cellular Connectivity:	4G LTE North America (Verizon, AT&T, T-Mobile) Performance: Category 4; 150 Mbps peak downlink/50 Mbps peak uplink with 3G Fallback World Wide (various carriers) Performance: Category 4; 150 Mbps peak downlink/50 Mbps peak uplink with 3G/2G Fallback
Ethernet Connectivity:	10/100/1000 BaseT, RJ45
Operating Temperature:	32˚F - 140˚F (0˚C - 60˚C)
Humidity:	10 - 90% RH
Dimensions:	Height: 1.74" (4.4 cm), 1 Rack U Width: 9" (22.8 cm) Depth: 7.3" (18.5 cm)
Shipping Weight:	5 Lbs (2.26 Kgs)
Mounting Brackets:	Optional Wall Mount Brackets(Part #: NRR-WALL-REM) Optional 19" Rack Brackets(Part #: NRR-19RACK-REM)
Approvals:	UL, cUL, CE, FCC Class A

19" Rack Adapter Brackets (Optional)

Wall Mount Brackets (Optional)

240V IEC Outlet Option

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

info@wti.com ▪ wti.com/edge

DOWNLOAD SPEC SHEET

WATCH THE DEMO