

T/MON SLIM

1 RU Alarm Master for Real-Time Visibility of Local and Regional Networks



T/Mon SLIM gives local/regional network managers effective, real-time control and visibility of their alarms.

T/Mon SLIM Benefits

- **Alarm monitoring that you control**
- **Real-time visibility of the alarms you're responsible for**
- **Monitor up to 64 individual network devices and up to 10,000 alarm points**
- **Monitor small networks or local/regional sections of large networks**
- **Consolidate alarms from several sites into a single local/regional network view**
- **Filter and forward alarms to higher-level T/Mon NOC or SNMP manager**
- **Options to support SNMP, TL1, ASCII and more**
- **Monitor telecom gear, modern DPS RTUs, plus options to monitor legacy RTUs from Badger, Dantel, Larse, and more**
- **Send automatic pager and email alarm notifications to technicians in the field**
- **NO-RISK, MONEY-BACK GUARANTEE**

T/Mon SLIM Overview

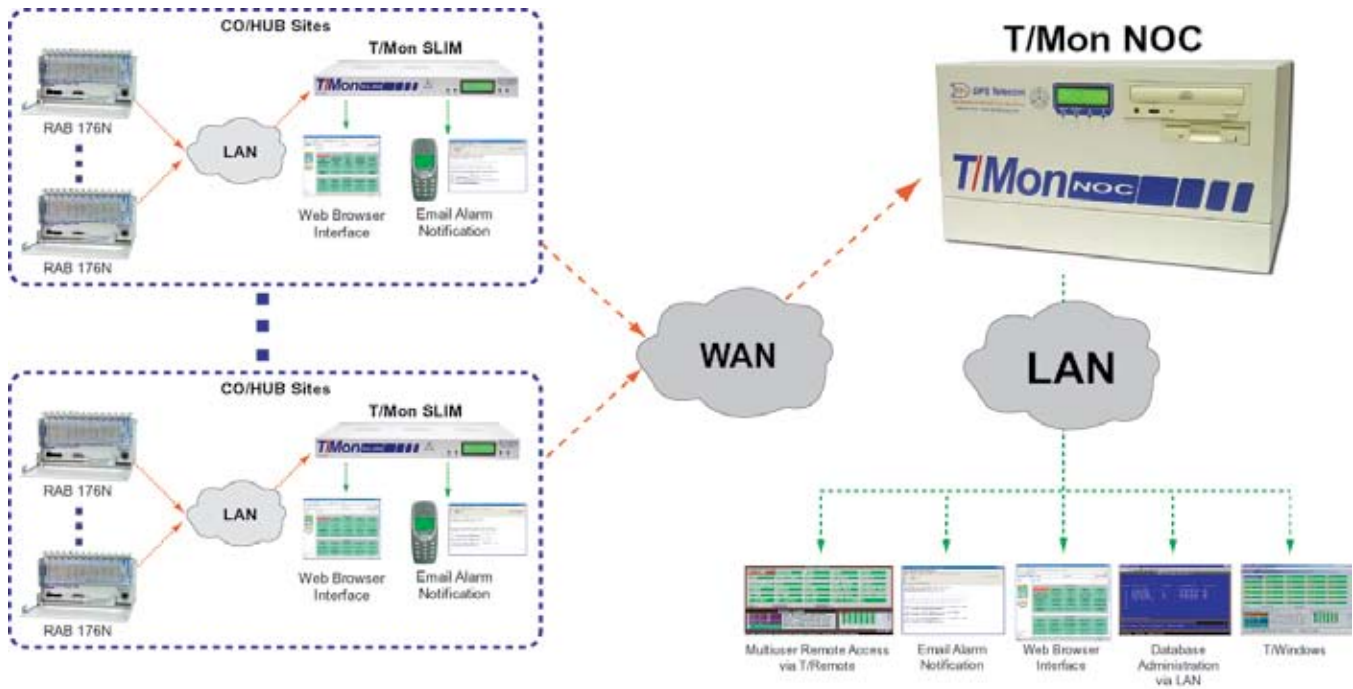
If you're tired of waiting for the central NOC to tell you about alarms happening in your own backyard, T/Mon SLIM is the local visibility solution you've always wanted.

T/Mon SLIM is a complete network alarm monitoring system in a 1RU package. It's the full power of the T/Mon NOC Remote Alarm Monitoring System, scaled to the needs of small, local and regional networks.

Cost-effective and easy to install, T/Mon SLIM puts high quality network alarm monitoring within the reach of any company and any maintenance department.

With T/Mon SLIM, you can:

- Consolidate alarms from several sites into a single local/regional network view
- Monitor alarms in SNMP, TL1, ASCII and nearly 20 standard, proprietary and legacy protocols (added optional software modules required)
- Send automatic pager and email alarm notifications to technicians in the field
- Remotely access alarms via Web browser
- Forward alarms to a T/Mon NOC or SNMP manager at a centralized location.
- Maintain alarm history logs
- Analyze past alarms to identify network weak spots and anticipate future problems
- Use Derived Alarms to track complex network problems
- Use Derived Controls to program flexible automatic corrections for network problems



Local and Central Network Visibility: T/Mon SLIM collects alarm data from your remote sites and provides local visibility via Web, pager and email; T/Mon NOC collects alarms from multiple T/Mon SLIMs for centralized alarm management.

Why Do You Need T/Mon SLIM?

If you manage a small network, or a local/regional section of a large network, you probably don't have immediate, real-time access to all the alarms you need to see — even when they're alarms from your own office and remote sites.

Being dependent on a central corporate NOC means you don't always get timely notification of alarms as they happen. And if you work for a small company, the cost barriers to setting up a 24/7 manned NOC can prevent you from having any alarm visibility at all.

Either way, not having real-time monitoring increases service restoration times and maintenance costs.

T/Mon SLIM changes all that. T/Mon SLIM puts visibility and control of your alarms directly into your hands, giving you the power to proactively manage the equipment and remote sites you're responsible for.

Is T/Mon SLIM right for you?

T/Mon SLIM is designed for medium-level users who want a one-screen view of a limited number of network sites, but don't need the full capacities of T/Mon NOC. T/Mon SLIM is a great solution for you if you:

- Manage a local or regional section of a large network
- Want to monitor the alarms your department is responsible for, independent of your network's central NOC
- Manage a small network
- Have outgrown monitoring individual sites using the NetGuardian's stand-alone capabilities and now want a single view of your sites

The power of T/Mon, scaled to your needs

T/Mon SLIM monitors up to 64 network devices and up to 10,000 points — exactly the right capacity for monitoring the sites your department is responsible for, without you paying for more capacity than you use.

T/Mon SLIM monitors DPS Telecom remotes, including the full-featured NetGuardian 832A, the light-capacity NetGuardian 216 and the 176-alarm-point Remote Alarm Block 176N. T/Mon SLIM also monitors SNMP devices, any telecom equipment that outputs ASCII text or TL1, and legacy RTUs from Badger, Dantel, Larse, NEC and Pulsecom.

Slim 1 RU design

T/Mon SLIM is a slim, 1 RU unit that fits into any 19" or 23" rack, in any telco environment, without taking space away from revenue-generating equipment. Dual -48 VDC power inputs allow T/Mon SLIM to be powered from the same battery power as the rest of your equipment — and give you a backup power supply in case of primary power failure.

You don't have to trip over bulky alarm consoles — you can set up T/Mon SLIM in any equipment room and not worry about it. Up to five users can simultaneously connect to T/Mon SLIM using its built-in Web Browser Interface or T/Windows.

T/Mon SLIM is primarily built for modern, LAN-based network environments. The unit's 10/100 BaseT Ethernet port provides a LAN connection for receiving alarm reports from devices; forwarding alarms to T/Mon NOC or an SNMP manager; and download T/MonXM software updates. Four RS-232 ports provide legacy polling of serial devices.



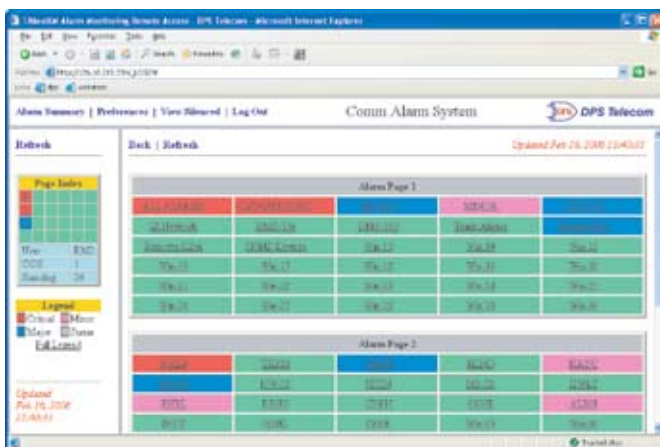
Optional T/Mon GFX - Now with Microsoft MapPoint

Consolidation of all alarms in your local/regional network to one screen

You don't want to have to watch several different screens to get a full picture of what's going on in your part of the network. T/Mon SLIM presents everything on one screen, so you can tell at one glance if you have a problem. To produce this integrated display, T/Mon SLIM accepts alarm inputs from many different devices in many different protocols.

24/7 email alarm notification

T/Mon SLIM's round-the-clock email notification sends alarms to any email-capable cell phone, and creates an automatic record of alarms. T/Mon SLIM's automatic alarm escalation ensures alarms aren't left unnoticed; if the on-call tech doesn't acknowledge an alarm, T/Mon SLIM will first page the tech again — if there's still no response, T/Mon SLIM will send an email to a supervisor.



View and ack T/Mon SLIM alarms via Web browser

Web browser interface

T/Mon SLIM's Web Browser Interface lets you securely connect to your alarm system from any computer. Remote web access lets on-call technicians connect to the system to acknowledge alarms and drill down on alarms for more information. A web interface also lets you connect to your alarm system without extra software or another interface to learn.

Custom alarms based on multiple inputs

Lots of network events are not critical in themselves, but they can represent big problems when they happen together. For example, a low battery isn't a big deal; neither is a generator failure. But when the two events happen together, it's a little bit more serious. T/Mon SLIM's customizable Derived Alarms track complex events for you — and send you an escalating series of pages if a problem gets worse.

Automatic alarm correction

Since T/Mon SLIM can track multiple alarm inputs, it can also use those inputs to trigger Derived Controls — automatically operating equipment, doors, lights and pages to emergency response personnel.

Alarm forwarding and filtering

T/Mon SLIM provides regional alarm monitoring that's compatible with your company's overall network management. T/Mon SLIM can forward the alarms you select to a central network operations center or MOM system. Your T/Mon SLIM can act as a network hub that collects alarms, filters out nuisance alarms, and forwards alarms to the central NOC.

Expand your alarm monitoring capabilities with T/Mon software modules

Because T/Mon SLIM supports all T/Mon software modules, you can expand your alarm monitoring capabilities to meet your network's exact needs. Here are some of the capabilities you can add to T/Mon SLIM:

SNMP trap processing

The optional SNMP Trap Processor Software Module enables your T/Mon SLIM to receive traps from SNMP devices, so you don't have to maintain a separate SNMP manager to view SNMP alarms. The added advantage is that SNMP traps are processed with the full power of T/Mon, instead of the bare-bones alarm presentation of the typical SNMP manager.

SNMP trap reporting

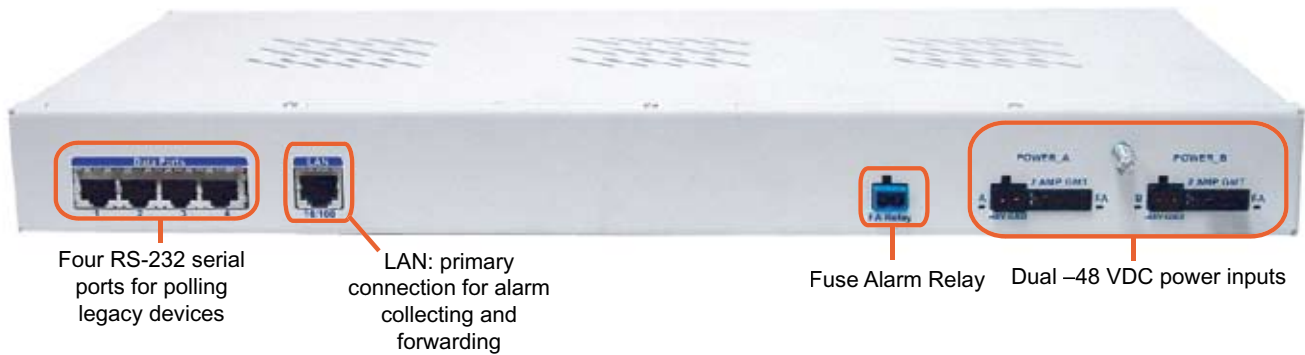
With the optional SNMP Agent Software Module, T/Mon SLIM will mediate any incoming alarms to SNMP traps and forward them to a central SNMP manager, for easy and effective legacy protocol conversion.

ASCII alarm processing

You don't ever settle for meaningless major-minor summary alarms if your T/Mon SLIM is equipped with this optional ASCII Alarm Processing Software Module. Nearly all telecom equipment outputs highly detailed status reports in the form of raw ASCII text. The ASCII alarm processor parses the ASCII stream and extracts alarm messages, which it converts to real-time T/Mon notifications.

Support for legacy remotes

T/Mon SLIM supports several different software modules for polling legacy RTUs from many different manufacturers, including Badger, Dantel, Larse, Pulsecom and NEC. You can have a new, fully capable advanced monitoring system and still keep your legacy remotes.



The 1RU T/Mon SLIM fits into any 19" or 23" rack without taking space from revenue generating equipment.

Specifications

Standard Input Protocols:	DCP, DCPf, DCPx, Ping
Standard Output Protocols:	DCP, DCPf, DCPx
Optional Input Protocols*:	ASCII, Badger, Cordell, DCM, E2A, Granger, Larse, Modbus, NEC, NTP, Ping, Pulsecom, SNMP, TABS, TBOS, Teltrac, TL1
Optional Output Protocols*:	ASCII, SNMP, TABS, TL1
Monitoring Capacity:	64 devices/10,000 alarm points
Dimensions:	1.75" H (1RU) x 17" W x 12 "D (4.45 cm x 43.18 cm x 30.48 cm)
Mounting:	19" or 23" rack
Power Input:	Dual -48 VDC Dual -24 VDC (optional)
Fuses:	Two 3/4 Amp GMT
Serial Ports:	4 RJ45 Connector (Optional 1 serial port with 3 33.6 modems)
Serial Port Interface:	RS-232 / 33.6 Modems vary on configuration
LAN Interface:	10/100 BaseT
Processor:	400 MHz
Visual Display:	Front panel LCD, 8 bicolor LEDs
Unit Controls:	4 LCD menu control buttons
Hardware Warranty:	2 years
Operating Temperature:	32°-140° F (0°-60° C)
Operating Humidity:	0%-95% noncondensing

*Optional T/Mon Software Module(s) required to support optional input/output protocols.

 **Call 1-800-622-3314 for Pricing**

All units are custom built to order. Allow 2-4 weeks for delivery.

All DPS Telecom products are backed by our 30-Day, No-Risk Guarantee:

"If you buy our equipment and are not satisfied for any reason during the first 30 days, simply return it for a full refund."

Visit our Web site at www.dpstelecom.com

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