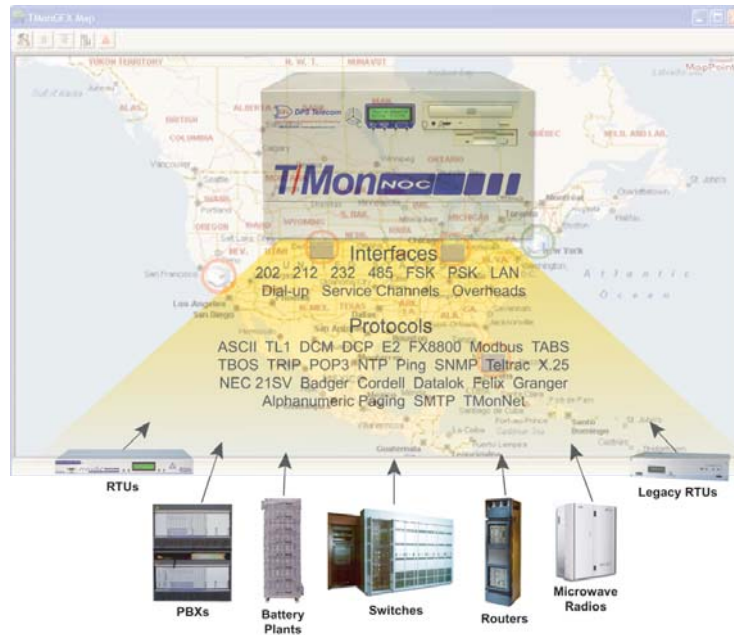


T/MonXM Software Modules & Accessories



There are many optional software modules available to add functionality to your T/Mon NOC. You can carefully select the exact software - everything from protocol mediation, advanced history reporting, and facility management.

T/GFX - Additional Seats

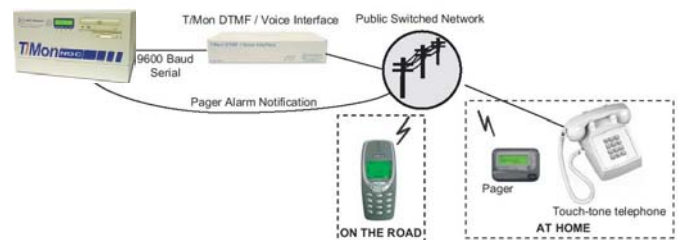


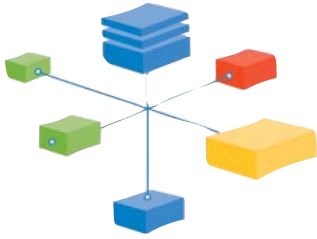
T/GFX provides a graphical display of alarm network status using Map-Point Control and other graphical representations. It gives operators visibility into systems that is vastly superior to text-only presentations. This allows you to use maps, floor plans, icons, and photos of actual hardware at your site, and icons to gain a customized interactive display of your network. T/GFX can take you from a view of the entire country down to individual racks of equipment in just a few clicks.

T/GFX runs under Microsoft Windows™, allowing it to run with other applications. T/GFX operates as an adjunct to a host, allowing multiple, independent monitors to support the same or different sectors of a network. You can view your entire network at a glance with constantly updated real-time status of all of your network elements. Requires the latest version on T/MonXM software. (D-SW-TMGFX-00220-10)

DTMF On-Call Package

The DTMF On-Call software allows alarms to be acknowledged and tagged from a touch-tone phone (e.g., POT, cellular, PLS). This package includes the DTMF On-Call software for T/Mon, as well as the external hardware, T/Mon DTMF Voice Interface. (D-PK-DTMFC-12001.00001)





SNMP Agent (Responder)

The Integrated SNMP Agent can forward alarms from any alarm point in the T/MonXM system, and it can be configured to send traps to multiple SNMP managers when an alarm point is set or cleared. An SNMP manager or network management system can query the Integrated SNMP Agent for alarm information or send commands to the Agent for the T/MonXM system to perform on alarm points (ack, tag, silence). The SNMP Agent is SNMP Version 1 and supports all the SNMP Version 1 operations (Get, Set and Get-Next).

(D-SK-148-10A-00)

SNMP Trap Processor

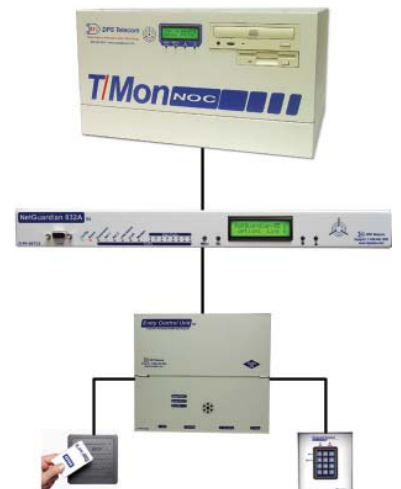
The SNMP Trap Processor module adds the capability of monitoring SNMP traps to T/Mon. This creates a single platform for translating SNMP traps into alarms and may eliminate the need for a separate SNMP trap manager.

With the SNMP Trap Processor, you'll be able to use all the monitoring power of your T/Mon or IAM with your SNMP devices, including event notification, history reports, and monitoring SNMP devices through T/Mon's web browser interface. (D-SW-XMMOD-00198.00001)

Building Access System

The Building Access System (BAS) is a comprehensive building management system that provides centralized door access control. With the system in place, managers can maintain a database of all access privileges and access granting history. In addition, the BAS eliminates the concern and issues associated with key management (e.g. loss, duplications, and re-keying costs).

The BAS is profile-based. It assigns each user with a unique user profile that contains information on which Building Access Systems are allowed to be accessed, the door numbers, days of the week access is allowed, a start/stop time, and a beginning and ending date (primarily for contractors, new employees, or short term employees). (D-SK-156-10A-00)



Building Access System Editing Utility

This software provides a stand-alone Building Access System configuration utility. This Windows-based application allows you to edit the same type of building access parameters that are currently edited in your T/MonNOC. (Eg: Door access profiles, BAS global parameter, times & people that are allowed in the various zones.)

The editing utility allows the building access system to be independently administered from the rest of the T/Mon databasing, so administration personnel can directly maintain that aspect of the system. It interfaces directly with the T/MonNOC and transfers databases via LAN. Windows Vista, XP and 98 compatible. (D-SW-BASED-12001.00001)

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

ASCII MUX Support

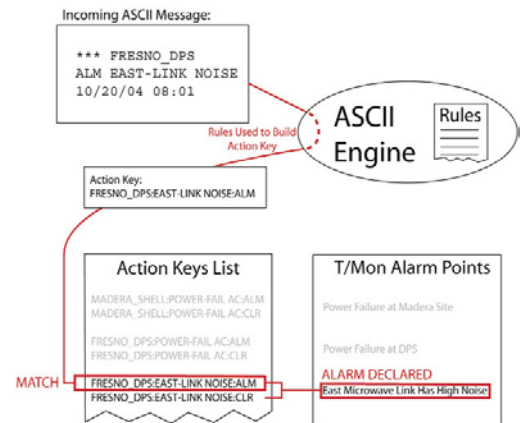
The 8-port ASCII MUX connects up to 8 ASCII data sources to a single T/MonXM port. T/MonXM controls the MUX to route data to the correct port. Each channel has a 16K buffer that allows data to be moved between ports at different rates.

(D-SK-189-10A-00)

Auto-Databasing ASCII Interrogator

ASCII Processing gives T/MonXM the ability to monitor the English output of your telecom network and declare alarms based on your selection criteria. This output typically comes from the craft, admin and logging ports of devices like switches and private branch exchanges (e.g., Lucent, Nortel and Ericsson).

Unlike other protocols that may be used to report alarm information, ASCII is free-form, non-standard, and may say almost anything. ASCII Processing is one of the most powerful and flexible features supported by T/MonXM. (D-SK-186-10A-00)



Alarm Message Forwarding

Alarm message forwarding allows T/MonXM alarm information to be output in ASCII format via T/MonXM's remote access ports. To do this, the user selects a port as the forwarding output port. Then, after assigning the baud, parity, word length and stop bits the user assigns an alarm window to follow in T/MonXM as a forwarding window. All alarms that are assigned to the forwarding window will be displayed in that window. The alarms will also be sent out the selected port in the same format as they appeared on the screen. (D-SK-204-10A-00)

ASCII Query Language

The ASCII Query Language (AQL) Module is a superset of the alarm message forwarding. In addition to forwarding alarm messages, it provides a generic way for users and computers to access T/Mon data, control aspects of T/Mon, and retrieve real-time alarm data. AQL is also an easy way for network operators to integrate their T/Mon with their own proprietary collection system and query T/Mon for its various data sets. (D-SK-166-10A-00)

ASCII Gateway

The T/Mon ASCII Gateway feature is designed to extend the number of TCP/UDP connections that are used up for ASCII jobs. This is done by establishing a connection between the T/Mon and the T/Mon ASCII Gateway Agent on a windows machine. Data from the ASCII devices will go through the T/Mon ASCII Gateway Agent which will get forwarded to the T/Mon through a single TCP/UDP port. This allows the T/Mon ASCII Gateway Agent to monitor several ASCII devices that will only use a single port on the T/Mon. (D-SW-ASCGW-12001.00001)

TAP Interrogator*

The TAP Interrogator Software Module allows the T/Mon to receive alpha pages and forward them to an ASCII job. Pages are collected by receiving calls via phone line. The T/Mon internal modem accepts calls and sends the received data to an ASCII job to be processed. (D-SW-TAPSW-12001.00001)

*ASCII Module Required - Sold Separately

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



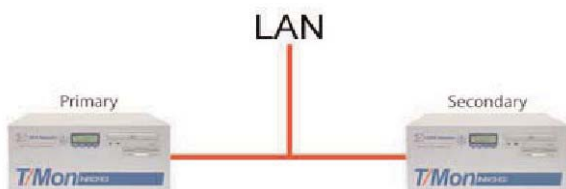
T/Mon SQL

The T/Mon SQL job is designed to store history events in a SQL database. Once in the SQL database, they can be queried from any number of outside sources. Storing history events in SQL database will make the T/Mon history events widely available. In order to accomplish this, the T/Mon must forward it's history events via TCP to the T/Mon SQL Agent which will insert them into the SQL database. The T/Mon SQL Agent is used to manage the SQL database. (D-SW-THISTA-12001.00001)

T/Mon History Report Utility

History reports provide the means for tracking trends and determining problem areas in your network. By running a history report for suspected trouble spots you can obtain the data needed to support revision of maintenance schedules or equipment replacement plans.

Now, T/Mon can leverage the database architecture of SQL to build valuable history reports at breakneck speed -as much as 65x faster than native T/Mon reporting! This high-speed report process begins with SQL history logging. With the T/Mon SQL software module installed, T/Mon logs history events to an external MySQL database. Requires T/Mon SQL. (D-SW-THISTR-12001.00001)



T/Mon NRI

T/Mon NRI is designed to automatically synchronize a Primary and Secondary system (T/Mon NOC, T/Mon SLIM, IAM, or T/MonXM). In an NRI configuration, the Secondary will be almost instantly ready to take over monitoring after a Primary T/Mon failure. Without T/Mon NRI, the Secondary can still take over monitoring, but its alarm data will not be in sync with the Primary's alarm data.

When the primary T/Mon goes offline and the Secondary is still online, the Secondary will become active and take over for the Primary. The Secondary will start polling and responding. It also starts building its own queue of history events to be sent Primary when it recovers. When the Primary comes online, it will do so in a passive state and begin polling the Secondary for any changes that occurred while it was offline. (D-SW-TSYNC-12001.00001)

90, 240, 690, or 1200 Top-Off Windows Expansion Software

These software modules add an additional 90, 240, 690, or 1200 alarm windows to your current alarm window count. Extra windows modules are "additive" in nature. The option for 1200 alarm windows is available to top-off an existing 720 count.

90 WIndows: (D-SK-195-10A-00)

240 WIndows: (D-SK-200-10A-00)

690 Windows: (D-SK-202-10A-00)

1200 Top-Off Windows: (D-PK-XMWIN-12002.00001)

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

Badger Interrogator



Through the Badger Interrogator port usage T/MonXM can poll Badger remote telemetry units, models 433, 475, 481, and the Badger/CentralLine 475. The Badger Interrogator fully supports analogs, discrete alarms and controls. (D-SK-149-10A-00)

Note: “Badger” is a trademark of its respective owners.

Larse Interrogator

The Larse Interrogator software module enables T/MonXM to poll Larse and Badger remote telemetry units, model numbers 1240, 1241, 1242, 1440, 1441, and 1442. The Larse Interrogator software module fully supports all features of these remotes, including discrete alarms, analog alarms, control relays, and provisioning downloads to Larse/Badger remotes.

(D-SW-LARSE-12001.00001)



Pulsecom Datalok Interrogator



T/MonXM allows multiple protocols on multiple ports (up to 24 serial ports) in the same system. So you can have Datalok remotes on one or more ports and still have the capacity to expand your network with other remote alarm gathering devices on other ports. This is the ideal solution if your plans call for an integration of new remote gathering equipment into your existing Datalok network.

T/MonXM’s multi-protocol capabilities allow it to do tasks that would otherwise require multiple systems and screens to be placed in the alarm monitoring center. The Datalok Interrogator is compatible with Pulsecom Datalok Models 10A, 10AM, 10D, 10DM, 10L and 10. (D-SK-145-10A-00)

“Pulsecom” and “Datalok” are trademarks of the Pulsecom Division of Hubbell Inc.

NEC21SV Interrogator

The NEC21SV Interrogator software module supports polling the NEC 21SV remote telemetry unit. This software module fully supports all the functions of the 21SV, plus it offers two advantages over using the 21SV’s original NEC-made master: with this software module, T/MonXM can poll the 21SV directly, bypassing the need for a hard master; and you can use all of T/MonXM’s advanced alarm notification and processing functions with the 21SV. (D-SW-NEC21-12001.00001)



Modbus Interrogator

The Modbus Interrogator software module enables T/MonXM to monitor any Modbus device. The Modbus Interrogator software module fully supports the following features: discrete inputs, analog inputs and control relays. All Modbus protocols are supported. (ASCII, RTU, and TCP)

(D-PK-XMMBI-12001.00001)

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

8 Port Teltrac MUX Interrogator

The 8-port Teltrac MUX connects up to 8 Teltrac RTUs to a single T/MonXM port. (D-SK-138-10A-00)



TL1 Responder

The TL1 responder gives T/MonXM the ability to report alarms in Transaction Language 1 (TL1). This support includes autonomous messages (Logger messages that report when an alarm fails or clears) as well as response to queries from the Operational System, host or from an ASCII terminal. As with other T/MonXM re-

sponders, the user has the ability of choosing which displays of alarm information are associated with a given TL1 port. The TL1 responder also allows individual control over which points in a display will be treated as TL1 points. (D-SK-182-10A-00)

TABS Responder

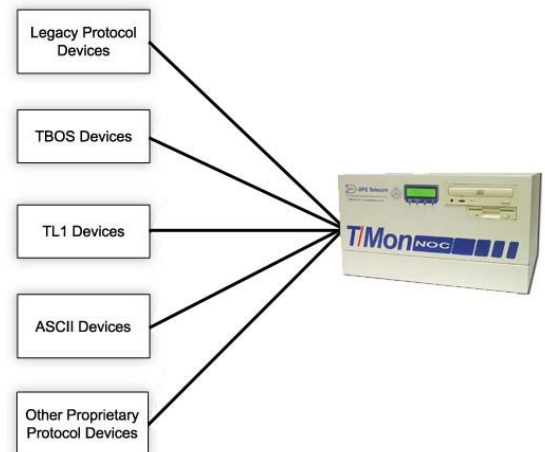
The TABS Responder software module reports alarms collected by T/MonXM to another master using TABS protocol. This application is chiefly used for mediating alarms from other protocols, such as DCP, TBOS, and ASCII, into TABS.

(D-SK-208-10A-00)

Miscellaneous Interrogators and Responders

Interrogators allow data to be brought into the system. When you use Interrogators, you specify the display list of the items you want to have polled. You can show alarm points on the normal T/MonXM screens under COS windows and Live alarms. Alarm points may also go out responder ports, also.

- **E2A Interrogator/Responder:**
(SK-122-10A-00)
- **TBOS Interrogator/Responder:**
(SK-132-10A-00)
- **DCM Interrogator:** (D-SK-171-10A-11)
- **FX 8800 Interrogator:** (D-SK-187-10A-00)
- **DNP3 Interrogator:** (D-SW-XMDNP-12001.00001)
- **DNP3 Responder:** (D-SW-XMD3R-12001.00001)



T/Mon Keyboard Video Monitor (KVM) Package

The T/Mon KVM Package allows you to look at information directly as it comes from the video card without any transport delay. You will also be able to view the NOC's power-up self-test for deeper diagnostic capabilities. The KVM allows you to view T/Access screens right at your master station LCD to adjust settings, such as setting the IP address, without requiring another PC.

Five No-Risk Steps to Best-in-Class Monitoring

You're never taking any risks when you purchase DPS Telecom products. We built our business by following a client-first philosophy, and our primary goal is creating the highest level of security for your network.

Every T/Mon system we make is customized for the specific needs of the client who orders it. Our client consultation process guarantees that you'll get the complete monitoring coverage your network needs, without paying for costly and unnecessary extras.

If your network has unique needs, we'll create a custom design system just for you. At DPS Telecom, custom design is a standard service. Our business has been built on continuous innovation, and we embrace opportunities to design new network monitoring solutions.

All our products, including custom solutions, are backed by our **30-day no-risk guarantee**.

Here's how the DPS Telecom custom design process works:

1. We start by listening to you. The first step in the process is an interview between the client and a DPS Telecom Sales Engineer. Our sales staff has the technical knowledge to understand your monitoring needs and to identify how we can create the right solution for you.
2. The next step is a Needs Analysis, a complete audit of your network's sites, alarms, and monitoring tasks. We also take an important extra step. We analyze your current network monitoring to determine how we can integrate your existing alarm monitoring equipment into a robust, modern network monitoring system. Our goal is to leave the smallest possible footprint on your operations and expenses while securing your network with the highest level of visibility.
3. We then tailor a network monitoring solution based on our research of your needs. If an existing DPS Telecom solution meets your needs, we'll submit a proposal detailing the equipment, configuration, and application we recommend. If you need a custom solution, our engineers will create a system suited to your network's individual needs.
4. On-site turn-up assistance and training familiarizing your staff with all aspects of your DPS monitoring solution.
5. The final step is testing the proposed solution at your site under real-world conditions for 30 days. Our top-rated technical support engineers will be with you every step of the way to ensure a trouble-free implementation. If, at any time during those 30 days, you decide for any reason that our solution will not meet your monitoring needs, you can cancel your order with no further obligation. If the proposed solution meets with your approval, we will immediately fill your order for as many units as you require.

Our support doesn't stop with the sale. We offer many additional services to help you get the most from your network monitoring, including training for your staff, off-site databasing, installation assistance, the T/Mon Gold Plan Maintenance Agreement, and our top-rated technical support. We will never leave you with a monitoring problem unsolved. At DPS Telecom, we see ourselves as your partner in monitoring your network securely and effectively. We always put the client's needs first.



Bob Berry
CEO, DPS Telecom
Creator of DPS' No-Risk Guarantee

Here's what our clients say about DPS Telecom's products, service and support:

"Other vendors received the same information to respond to and I can say DPS was the only one to reply with a cost-effective solution."

— Bob Herlihy, Bell Atlantic Global Networks, Inc.

"We have used DPS products for nearly 15 years. DPS Personnel have always provided the highest level of service that can be expected. I feel much of the success you as a company have achieved can be attributed to your people and what appears to be a customer-first philosophy."

— Glen Lippincott, Southern Company

"I was given the task of coordinating the upgrade of all of XO's T/Mon installations. During the upgrade project, whenever we needed help, the DPS technical staff quickly analyzed the situation and provided an effective solution. DPS's technical support staff is a refreshing change in an industry where customer service is declining."

— Jerrid Hamann, XO Communications

Protect Your T/Mon NOC With a T/Mon Gold Plan

When you upgrade to the new T/Mon NOC, a T/Mon Gold Plan Maintenance Agreement is the best protection for your equipment investment. The T/Mon Gold Plan gives you an added layer of security for your network, ensuring that your revenue-generating equipment has the best protection possible.

Here's what you'll get with the T/Mon Gold Plan:

1. 50% off T/Mon hardware upgrades every three years
2. Priority upgrades for T/MonXM software releases
3. Priority T/Mon repair or replacement within 3 business days
4. Priority tech support calls with no per-incident charges
5. Four tech support check-up calls a year
6. Free DPS Factory Training for up to 3 members of your team
7. Online access to MyDPS and T/Mon User's Group Web forums



Order your T/Mon Gold Plan Maintenance Agreement today!

Want To Learn How To Use These T/Mon Accessories? Attend the DPS Factory Training Event!

- **Training from DPS Telecom Engineers with Real-World Experience**
You'll learn expert alarm monitoring tips directly from the engineers who designed your DPS equipment and technicians who have worked in the field on real-life alarm monitoring implementations. Your instructors know your equipment and what you want to accomplish with it.
- **Hands-On Training**
At DPS Factory Training, you learn by doing. You'll study by working hands-on with the equipment — and you'll get the unique know-how that only comes through personal experience.
- **Experiment in a No-Risk Environment**
Want to try something new with your equipment? Do you have an experiment that you've been wanting to test? In DPS' fully equipped training classroom you can try new things in a no-risk environment.
- **Learn Advanced Alarm Monitoring Applications**
You'll learn both the theory and practice of advanced applications like ASCII and SNMP alarm processing, using derived alarms and controls, and configuring automatic pager and email notifications. Plus, you'll get helpful advice from DPS Telecom technicians on how you can put these features to work in your network.



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

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."

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