

NetMediator T2S G5

Convert TBOS Data Into Detailed SNMPv3 Traps



The NetMediator T2S G5 provides optimum TBOS-to-SNMP mediation for up to 8 TBOS devices, as well as terminal server functionality, 32 discrete alarms, 8 analog alarms, and 8 controls.

What can the NetMediator T2S G5 do for you?

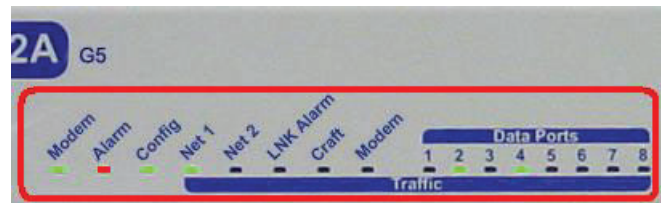
- Mediates 8 TBOS devices to SNMP and DCP(x) alarm managers
- Update your TBOS monitoring to contemporary standards
- Mediated TBOS provides more detailed, useful information than major/minor alarms — isolate equipment problems before the first dispatch
- 4 reach-through serial ports for Telnet operation of network elements
- Support for up to 16 D-Wire sensors
- 32 reversible discrete alarms, 8 analog inputs (voltage/current), and 8 controls
- Remote access
- Monitor actual analog temperature and battery levels
- Connect multiple concurrent users via Telnet over LAN to telecom switches, servers, radios, PBXs and other equipment.
- Local audible and visual alarm notification
- Slim 1 RU form factor saves rack space
- Ping IP network devices and verify that

Overview

With the NetMediator, you don't have to rely on uninformative major/minor summary alarms to monitor your radios. The NetMediator fully captures TBOS data and converts it to highly detailed, informative SNMP traps.

You'll be able to diagnose equipment problems with a high degree of accuracy. So you can send the right technician with the right tools on the very first truck roll, reducing maintenance costs and windshield time.

The NetMediator T2S mediates eight displays of TBOS alarm data to SNMP traps — enabling more productive monitoring of microwave radios and other TBOS devices from contemporary SNMP-based network operation centers. The NetMediator T2S G5 is based on the faster G5 hardware platform.



The NetMediator's front panel LEDs indicate communication and alarm reporting status.

And there's a lot more to the NetMediator, like its built-in terminal server functionality through four reach-through serial ports. You'll be able to access, configure, and reboot on-site equipment through a remote Telnet session.

Back View



What's New In The NetMediator T2S G5?

SNMP v2c and SNMPv3 Support and Robust Message Delivery: NetMediatorT2S G5 supports SNMP v2c, SNMPv3, and the SNMP INFORM command, which permits robust delivery of alarm notification to your SNMP manager.

Alarm Point Grouping: Each alarm point can be assigned to one of eight groups, which are identified with a user-defined label. Some ways you can use Alarm Point Grouping include: Alarm Severity Levels, Two Sets of Alarm Severity Levels, and Custom Virtual Alarms.

Global Support for Dual SNMP Managers: NetMediatorT2S G5 supports sending all SNMP TRAP and INFORM notifications to two global SNMP managers. This makes it easier to configure a secondary SNMP manager and frees up your NetMediator configuration for additional notification devices and more flexible alarm reporting.

Filter or Reset the NetMediator Event Log: The NetMediator Event Log has been enhanced to support new NetMediatorT2S G5 features, such as filtering Event Log entries, resetting the Event Log to see the alarms you want, and resetting the Log by Alarm Point Group.

Alarm Sync Makes Turnup and Testing Easy: NetMediatorT2S G5 also provides a new command to re-synchronize all alarms. This command clears all alarms, so that a new notification is sent for all standing alarms. You can easily test alarm connections during turnup without rebooting the NetMediator unit.

Specifications

Discrete Alarm Inputs:	32 (expandable to 80, 128, or 176 in G5 model) 64 (expandable to 112, 160, or 208 in 864A model)	Dimensions:	1.75"H x 17"W x 12"D (4.5 cm x 43.2 cm x 30.5 cm)
Analog Alarms:	8 standard or 16 D-Wire sensors	Weight:	4 lbs. 3 oz. (1.9 kg)
Analog Input Range:	(-92 to 92 VDC or 4 to 20 mA)	Mounting:	19" or 23" rack
Control Relays:	8 Form C (expandable to 16, 24, 32)	Power Input:	-48VDC (-40 to -70 VDC); (Optional) -24 VDC (-18 to -36 VDC); (Optional) Wide Range -24/-48 VDC (-18 to -72 VDC)
Max. Voltage:	60 VDC/120 VAC	Power Output:	(Optional)12 VDC or 24 VDC power output for external sensor
Max. Current:	1 Amp, AC/DC	Current Draw:	200 mA
Ping Alarms:	32	Fuse:	3/4 amp GMT for power inputs, 1/4 amp GMT for external sensor power output and integrated Ethernet switch
Protocols:	SNMPv1, SNMPv2c, SNMPv3, DCPx, DCPf, TRIP, SMTP, TAP, HTTP, FTP, TELNET, ICMP, TBOS - Inbound	Modem:	33.6 K internal
Interfaces:	9 RJ45 Yost serial ports; 2 RJ45 10/100 Ethernet ports (1 port tied internally to switch - if switch option is purchased) 1 RJ11 telco jack 2 50-pin amphenol connectors (discretes, controls, and analogs) 1 4-pin screw connector (analog)	Visual Interface:	LCD display; 16 bicolor LEDs; 5 unicolor LEDs (10 with Switch Option)
		Audible Notification:	Alarm speaker
		Operating Temperature:	32°-140° F (0°-60° C) *RoHS 5 Approved

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