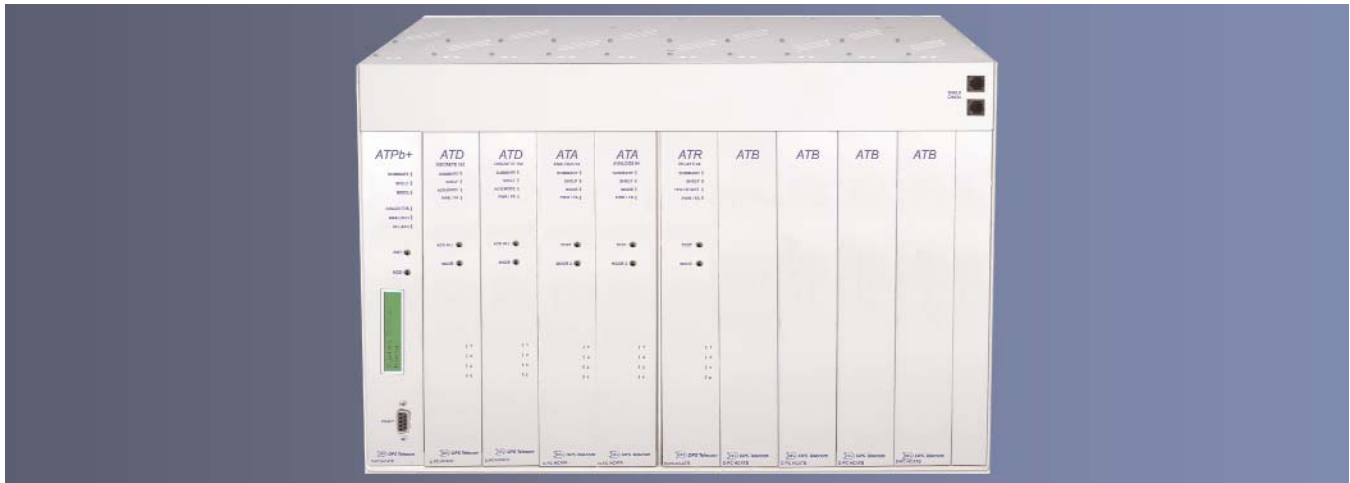


Advanced Telemetry System

So Powerful, It's Actually Easy to Use



The Advanced Telemetry System —cost-effective high-capacity network reliability management that easily expands to meet your future network monitoring needs.

What ATS Can Do For You

- **Select the perfect fit configuration for your network**
- **Change your configuration at any time with no hassle**
- **Add any card to any slot with no addressing**
- **COST-EFFECTIVE high capacity network reliability management**
- **Report alarms via SNMP or TL1**
- **Simple, centralized system administration**
- **FREE configuration and monitoring utility software included**
- **FREE Lifetime Firmware Upgrades**
- **30-Day No-Risk Money-Back Guarantee**
- **Backed by DPS Quality, Service, Support and Training**
- **Two-Year Warranty**

Overview

For most network applications, adding features means adding complexity—installing new equipment, juggling incompatible protocols, struggling to get different devices to work together.

If you're tired of configuration hell—if you think that your network monitoring should solve problems, not create them—you need to take a good look at the Advanced Telemetry System (ATS).

The ATS is an entire network reliability management system contained in a single modular 3- or 10-position shelf. You can configure the ATS to be a perfect fit system for your present needs, expand it to meet your future network growth, add new monitoring capabilities as your network changes—effortlessly, just by changing a card.

There's an ATS card for every element in your network: discrete alarms, analog alarm, and control relays. All these cards are controlled by a single, easily configured processor card that reports alarms to multiple masters via SNMP or TL1.

You can change your configuration at any time by adding any card to any slot, with no addressing. You can scale the capacity of your ATS from 192 to 2,496 discrete points—or you can add two more ATS shelves for a total potential capacity of 7,616 discrete points.

Software configuration is just as simple. The included Windows-based configuration utility can be used locally or via LAN, and its great for creating a centralized archive of system information for the entire network. ATS configuration information is stored in nonvolatile RAM, so even after a complete power loss the system will immediately return to normal operation when power is restored.

To ensure constant reliability, the ATS supports dual –48 VDC power inputs and each card slot is individually fused.

Five types of cards are available for the Advanced Telemetry System:

- **Advanced Telemetry Processor Basic (ATPb):** Each Advanced Telemetry System has one ATPb, which coordinates access to the other cards and reports alarms to multiple masters. The ATPb is available for either SNMP or TL1. The ATPb controls Telnet and TCP/IP communication, provides ports for remote and local connections, and features an LCD display for local monitoring. The ATPb also features 192 discrete alarm inputs.
- **Advanced Telemetry Discrete (ATD):** The Advanced Telemetry Discrete card is available in two versions, supporting either 128 or 256 discrete inputs.
- **Advanced Telemetry Analog (ATA):** The Advanced Telemetry Analog card is available in two versions, with either 32 or 96 analog inputs. The ATA features 12-bit resolution scalable over multiple voltage ranges, and each input can be configured to monitor either voltage or current.
- **Advanced Telemetry Relay (ATR):** The Advanced Telemetry Relay card is available in three versions, with 16, 32, or 64 Form C control relays.
- **Advanced Telemetry Blank (ATB):** The Advanced Telemetry Blank card seals unused ATS card slots to reduce electromagnetic emissions.

Specifications

Advanced Telemetry System

Dimensions: 12.25 in H x 17.125 in. W x 12 in. D
(31.1 cm x 43.5 cm. x 27.9 cm.)
Mounting: 19" or 23" rack
Power Input: 48 VDC (-40 to -70 VDC)
Current draw: 3 Amps
Fuse: Amp GMT
Operating Temperature: 32° to 140°F (0° to 60°C)
Operating Humidity: 0% to 95% noncondensing

Advanced Telemetry Discrete Card

Base Capacity Model: 128 discrete inputs
High Capacity Model: 256 discrete inputs

Advanced Telemetry Analog Card

Base Capacity Model: 32 analog inputs
High Capacity Model: 96 analog inputs
Input Resolution: 12 bit
Input Type: Voltage (-90 VDC to +90VDC)
or
Amperage (4 mA to 20 mA)

Advanced Telemetry Processor Basic Card

Alarms: 192 discrete inputs
Interfaces: 1 DB9 craft port
1 RJ45 10BaseT Ethernet port
1 RJ11 POTS jack for internal 33.6K Modem
Protocols: SNMP or TL1 (depending on ordering options)

Advanced Telemetry Relay Card

Base Capacity Model: 16 Form C relay contacts
Medium Capacity Model: 32 Form C relay contacts
High Capacity Model: 64 Form C relay contacts
Maximum Voltage: 60VDC/120VAC
Maximum Current: 1 Amp, AC/DC

 **Call your DPS Application Engineer today.**

The Advanced Telemetry System and all DPS products are backed by a 2-year hardware warranty.

DPS also offers a 30-day No Risk Guarantee that states,

“If you buy our equipment and are not satisfied for any reason during the first 30 days, simply return it.”

Visit our website at www.dpstelecom.com

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