

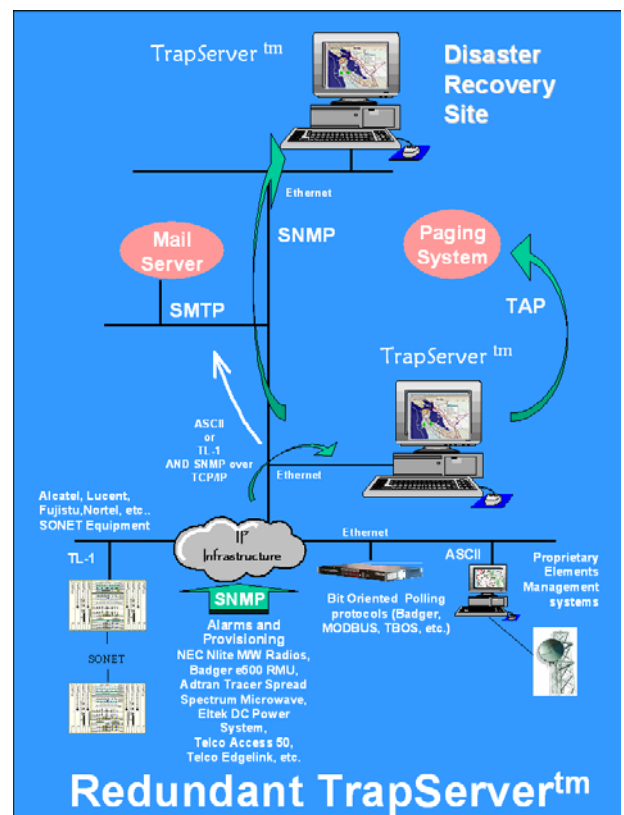
TrapServer™

by SchoRen NMS Solutions, LLC

Redundant TrapServer™

Support of Disaster Recovery Operations

- Multiple TrapServer support for Disaster Recovery topologies
- Primary TrapServer in control of entire system and updates Redundant TrapServers with Alarm information
- Redundant TrapServer automatically acquires monitored elements and takes over alarm monitoring functions when primary is not detected
- Acknowledgement propagated to all TrapServers within topology
- Users can access alarm history and current alarm events using standard WEB browser
- Manages connection to Craft Port of Network Element based upon user name and password protection
- Provides years of alarm data storage
- Send alarm reminders at user defined time intervals



TrapServer™ is a management tool which provides consolidation of all managed devices under one easy-to-use platform and also provides a gateway into an SNMP Managed environment using SNMP, ASCII and TL-1 protocols. Once implemented, **TrapServer then has a common interface and database** for all managed equipment.

Contact SchoRen NMS Solutions for additional information.

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Standard TrapServer™ Features

- Craft Access to Network Elements
- ANSI based SQL DB
- SNMP (V1 & V2) trap Forwarding
- SNMP (V1 & V2) trap monitor
- User Defined Audible
- Site Derived Alarms
- Alarm Forwarding
- SNMP Poll MIB Objects
- Browser Access to ""Ack"" Event
- Dial-Up Remote Access Monitoring
- Standard Reports
- Critical, Major, Minor & Clear Priorities
- Alarm Reminders
- Priority Filtering

Optional TrapServer™ Features

- TL1 Fault monitoring
- Automated TL1 Session Establishment
- TL1 Detailed monitoring
- TBOS Monitoring
- Modbus Protocol Support
- Badger 481 RTU Protocol Support
- Other Binary Oriented Polling Protocol (ie. Badger)
- Graphical User Interface (GUI)
- XML Data Stream Monitoring
- Email Notification and Email "ACK"
- Paging (Alphanumeric/Beeper) Notification
- Redundancy with Automatic Fall Over
- Trouble Ticket Generation
- Customizable Reports
- ASCII monitors or ASCII Manager
- Scheduler in ASCII Manager for polling monitored devices
- Module Library of intelligent Interfaces

TrapServer™ Benefits:

- ✓ **Supports any Network Element (NE)** based on Non-Proprietary (e.g., SNMP, TCP/IP, PPP, telnet, ASCII, TBOS, TABS, ping, MODBUS, etc.) or Proprietary (Badger 481 Protocol) architecture for trouble resolution , locating and automated dispatch.
- ✓ **Translates** all NE reported events into SNMP and forwards to other managers.
- ✓ Provides **automated** dispatching to minimize the probability of alarms from being "lost in the crowd" of an over-worked NOC.
- ✓ Is a **local archive** for all reported equipment activity.
- ✓ Cost-efficient, **one unit solution** for entire Network.
- ✓ Saves labor through **ease-of-use** and **ease-of-configuration** resulting in labor savings.