

TrapServer™

by SchoRen NMS Solutions, LLC

Event View

View & Acknowledge Events

The screenshot shows the TrapServer Manager interface with two main sections: History and Standing. The History section displays a list of events with columns for Date, Time, Device, Entity, Message Type, and Message. The Standing section displays a list of current events with the same columns. Events are color-coded by priority: Green for Normal, Yellow for Major, and Red for Critical.

History					
Date	Time	Device	Entity	Message Type	Message
3	10-02-2006 10:15:13	Badger_BIST	BI_PT_1	BISTATE	Off-Normal Response
1	10-02-2006 10:15:19	Badger_BIST	BI_PT_1	BISTATE	Normal Response
2	10-02-2006 10:15:25	Tower_Light	STROBE_LT	SUMMARY_SCANNER	WSK STROBE WHITE ON
1	10-02-2006 10:15:31	Tower_Light	STROBE_LT	SUMMARY_SCANNER	WSK STROBE WHITE ON
2	10-02-2006 10:15:37		CEID	ANALOG_SCANNER	LOW Meas Value: +0.000000 ERR RA Thrsh
4	10-02-2006 10:21:16	DMS10_EARLS	AMA 107	TBOS	Off-Normal Response
1	10-02-2006 10:21:22	DMS10_EARLS	AMA 107	TBOS	Normal Response
4	10-02-2006 10:21:28	Badger_TEOS	TE_PT_1	TEOS	Off-Normal Response
1	10-02-2006 10:21:34	Badger_TEOS	TE_PT_1	TEOS	Normal Response
3	10-02-2006 10:21:40	Badger_BIST	BI_PT_1	BISTATE	Off-Normal Response
1	10-02-2006 10:21:46	Badger_BIST	BI_PT_1	BISTATE	Normal Response
2	10-02-2006 10:21:52	Tower_Light	STROBE_LT	SUMMARY_SCANNER	WSK STROBE WHITE ON
4	10-02-2006 10:24:31	DMS10_EARLS	AMA 107	TBOS	Off-Normal Response
1	10-02-2006 10:24:37	DMS10_EARLS	AMA 107	TBOS	Normal Response
4	10-02-2006 10:24:43	Badger_TEOS	TE_PT_1	TEOS	Off-Normal Response

Standing					
Date	Time	Device	Entity	Message Type	Message
2	10-02-2006 10:15:37		CEID	ANALOG_SCANNER	LOW Meas Value: +0.000000 ERR RA Thrsh Va
2	10-02-2006 10:21:52	Tower_Light	STROBE_LT	SUMMARY_SCANNER	WSK STROBE WHITE ON
3	10-02-2006 10:24:55	Badger_BIST	BI_PT_1	BISTATE	Off-Normal Response
4	10-02-2006 10:25:29	Badger_TEOS	TE_PT_1	TEOS	Off-Normal Response
4	10-02-2006 10:25:55	DMS10_EARLS	AMA 107	TEOS	Off-Normal Response

Event View displays all events in “real time” as it is reported. This window is divided with History (top) and Current/Standing Events (bottom). As events are detected, the event is placed in both windows in the color which matches its priority. Once the event clears, the event is removed from the Current/Standing Events (bottom) but the clear is placed in the top window.

Priority 1 = Clear/Normal (Green), Priority 2 = Minor (White), Priority 3 = Major (Yellow) and Priority 4 = Critical (Red). Acknowledgement is accomplished using the Mouse.

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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 monitoring
Site Derived Alarms
Priority Filtering
Alarm Forwarding

SNMP Poll MIB Objects
Browser Access to ""Ack"" Event
Dial-Up Remote Access Monitoring
Browser Accessed Standard Reports
Multiple Alarm Priority
Alarm Reminders
Redundancy with Automatic Fall Over

Optional TrapServer™ Features

TL1 Fault monitoring
Automated TL1 Session Establishment
TL1 Detailed monitoring
TBOS Monitoring
Modbus Protocol Support
Badger 481 RTU Protocol Support
Larse (Badger 1200) RT Protocol Support
MCS-11 Protocol Support

Email Notification and Email "ACK"
Paging (Alphanumeric/Beeper) Notification
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, Larse & MCS-11 Protocol) architecture for trouble resolution, locating and automated dispatch.
- ✓ **Translates** all NE reported events into SNMP and forwards to other managers.
- ✓ Provides **automated** notifications 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.