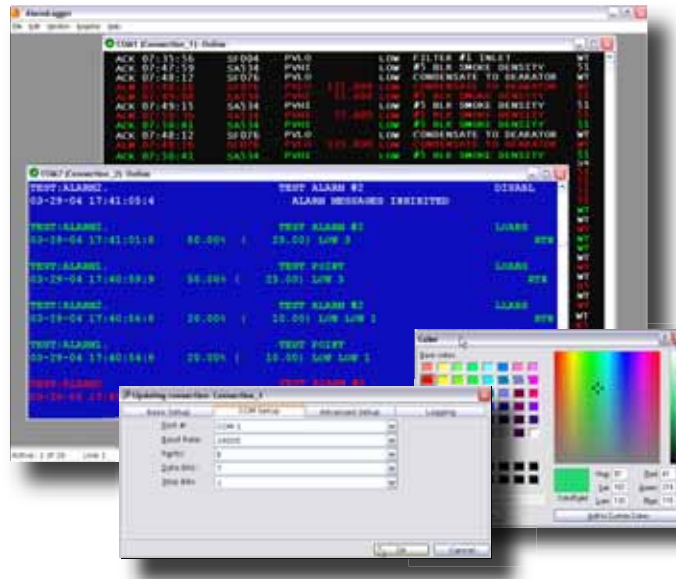


AlarmLogger™

RS232 Event Display and Data Logging

Replace your printers and save your money!

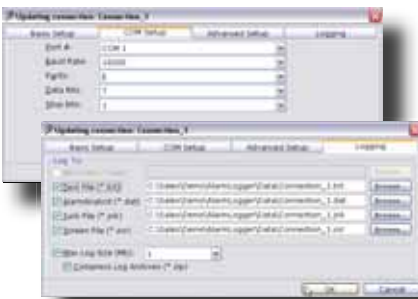
AlarmLogger turns any PC into a cost effective data logging and display terminal. It provides an alternative to running and maintaining your line printers and also makes a great addition to any control room setting with features like fully definable displays, events, colors and sounds.



Each RS232 connection can be independently set up for port, display and logging options.

Features

- Up to 16 simultaneous RS232 connections
- A powerful parsing engine for event definition and display formatting
- Definable "Event Actions" include sending E-mail, Text to Speech and Launching Applications
- Configurable event colors, fonts and backgrounds
- Event driven sounds
- Automatic Zip data compression
- On Screen text and event searching
- Automatic reconnection to failed ports and Junk data logging insures no data loss
- Logs to raw, text, and AlarmAnalyst® data formats
- Operates on any Windows platform
- Runs as a service under Windows 2000, NT and XP
- Low cost - Why should you pay thousands of dollars for printer substitution software?



Each configured connection allows for individual setup of com port parameter, file logging, zip compression options and display settings.

Benefits

- Estimated savings of more than \$3,000/year per printer replaced*
- Use as low-cost control room display terminals
- Send E-mail alerts or provide voice announcements on critical plant events

*Savings based on typical plant operation of 5000 alarm events per day.



Easily tunnel RS232 data over your corporate networks.



Detailed Description

AlarmLogger has two distinct modes of operation; Raw and Interpreted. In Raw mode AlarmLogger acts like a basic terminal with all data displayed as received. For each configured RS232 connection, a connection name can be assigned with font, font color, background color and data logging options set individually.

In Interpreted mode, the format of received information is recognized and the assigned display formatting and actions handled. For example, a particular event may be contained in a single line or it could extend over many lines. The entire event can be defined, captured and formatted for display and logging. When running in Interpreted mode, most recent events are placed at the top of the screen and older events are pushed down. This significantly improves display readability. As well, the recognized events can be logged to file while unrecognized events are sent to a junk file to ensure no data is lost. A data map is configured to define the incoming data structures using industry standard "Regular Expression" syntax.

Event Actions

Actions can be assign to particular alarms, operator actions, system messages or any other type of event. These actions include sending E-mail, text to speech and launching other applications. For E-mail and speech, users have complete control over the assembly of the message.

Data Archiving

AlarmLogger can automatically archive and compress all log files. With compression 100,000 lines of text will use about 1MB of hard disk space making it possible to maintain years of data. AlarmLogger also logs to AlarmAnalyst® format for interactive graphical analysis of events.

Local and Network Configuration Options

AlarmLogger can be installed in a variety of ways. A basic installation may have AlarmLogger running on a stand-alone PC with RS-232 access being performed by the PC's local COM ports. With appropriate hardware (i.e. optional multiple COM port adapter cards) up to 16 ports can be utilized in this configuration.

In a networked configuration RS232 data is tunneled over standard LANs or corporate networks. This architecture provides several advantages:

- RS232 devices can be miles away from AlarmLogger
- Existing corporate networks can be utilized
- All data is logged in a central location.

Requirements

AlarmLogger is typically installed on existing PC's and business networks. For basic data logging and display, a PII PC running at 266MHz on any Windows operating system is more than sufficient.

To learn more about how AlarmLogger can benefit your facility please contact:

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