

# ELM ENTERPRISE MANAGER™

*How the First-to-Know Stay Ahead™*

## Powerful Automation Capabilities

ELM Enterprise Manager provides a rich set of automated monitoring and notification settings that simplify the tracking of small, medium and large Windows-based networks. ELM Enterprise Manager is a comprehensive enterprise management system that gives IT administrators the power to see the health and status of distributed systems in a single glance.

## XML and COM Support

ELM Enterprise Manager incorporates a sophisticated COM object model architecture that supports scripting. It can be integrated easily into existing customer-written applications, making the notification and monitoring engines available to compiled languages such as Visual Basic, Visual C++, Active Server Pages or Java. A software development kit is available for free download.

## Advanced Reporting Features

ELM Enterprise Manager includes a full-featured reporting engine for creation and editing of documentation that can be saved in a variety of output formats, including RTF, HTML and ASCII. Users can schedule reports to be generated automatically, with notification upon completion.

## Cross-Platform Monitoring

ELM Enterprise Manager can play an integral role in an organization's cross-platform monitoring. ELM Enterprise Manager can send and receive SNMP traps, monitor and write SNMP object ID values, send and receive syslog messages, and perform TCP/IP-related monitoring on any platform.

## Real-Time and Scheduled Monitoring

With ELM Enterprise Manager, administrators can monitor systems at scheduled intervals or in real time. Real-time monitoring uses a local service agent on the monitored system, and scheduled monitoring can be performed with or without installing a service agent. ELM Enterprise Manager facilitates monitoring of the following systems:

- ❖ Events
- ❖ Performance data
- ❖ Services, devices and processes
- ❖ Microsoft Exchange
- ❖ Microsoft SQL Server
- ❖ Windows Management Instrumentation
- ❖ Internet Information Services
- ❖ TCP/IP (HTTP/SMTP/POP3/FTP/Ping/Port)
- ❖ Microsoft Cluster Server
- ❖ SNMP and Syslogs
- ❖ Log files

## Rich Notification and Corrective Action

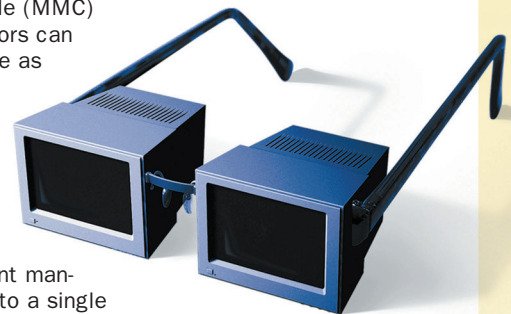
ELM Enterprise Manager includes a rich, robust Notification Engine that enables users to customize notification and corrective action to suit their needs.

Notifications can be for individual events, or a single notification can cover several similar events. Possible methods of notification include these:

- ❖ SMTP or MAPI e-mail
- ❖ Numeric and alphanumeric pager
- ❖ MSN Instant Message
- ❖ Network popup
- ❖ Web post
- ❖ Beeps and sound files
- ❖ Electronic marquees
- ❖ Text-to-speech
- ❖ SNMP trap
- ❖ Syslog message
- ❖ Command script

## Microsoft Management Console and Web UIs

The ELM Console, the primary administration UI, is implemented as a Microsoft Management Console (MMC) snap-in. Administrators can use the ELM Console as a stand-alone application, or they can add native operating-system and third-party snap-ins. In addition, administrators can combine different management snap-ins into a single MMC for single-seat administration. ELM includes an XML-based Web viewer that enables users to view data stored in the ELM Server.



## Database Support

ELM Enterprise Manager supports Microsoft® Access, Microsoft SQL Server and Oracle™ databases. It also includes a unique failover safety feature that helps ensure data destined for the database server gets there, even if the database server is offline or unavailable for days at a time.



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# ELM LOG MANAGER™

How the First-to-Know Stay Ahead™

## Powerful Automation Capabilities

ELM Log Manager gives system and security administrators the power to see all event log entries with unrivaled clarity. ELM Log Manager automates the administrative functions required for monitoring and managing event logs, log files, SNMP traps and syslog messages generated by Windows-based servers and workstations as well as TCP/IP systems and devices.

## Maintain Security Perimeters

ELM Log Manager provides a wide variety of security solutions. It can help monitor network security perimeters, keeping a close watch on sensitive file servers. In addition, ELM Log manager helps maintain security boundaries; it is firewall friendly and transmits its data from an agent to the server in encrypted form. ELM Log Manager also supports integrated Windows security, including authentication, access control and auditing.

## Microsoft Management Console and Web UIs

The ELM Console is implemented as a Microsoft Management Console (MMC) snap-in. Administrators can use the ELM Console as a stand-alone application, or they can add native operating-system and third-party snap-ins. In addition, administrators can combine different management snap-ins into a single MMC for single-seat administration. ELM Log Manager includes an XML-based Web viewer that enables users to view data stored in the ELM Server. The Web viewer can be accessed using any Web browser that supports XML and Javascript.

## Database Support

ELM Log Manager supports Microsoft(r) Access, Microsoft SQL Server and Oracle(tm) databases. It also includes a unique failover safety feature that helps ensure data destined for the database server gets there, even if the database server is offline or unavailable for days at a time.

## Advanced Reporting Features

ELM Log Manager includes a full-featured reporting engine for creation and editing of documentation that can be saved in a variety of output formats, including RTF, HTML and ASCII. Users can schedule reports to be generated automatically, with notification upon completion. Users can generate and view reports using the ELM Console and the ELM Web Viewer.

## XML and COM Support

ELM Log Manager incorporates a sophisticated COM object model architecture that supports scripting. It can be integrated easily into existing customer-written applications, making the notification and monitoring engines available to compiled languages such as Visual Basic, Visual C++, Active Server Pages or Java. A software development kit is available for free download.

## Real-Time and Scheduled Monitoring

With ELM Log Manager, administrators can monitor systems at scheduled intervals or in real time. Real-time monitoring uses a local service agent on the monitored system, and scheduled monitoring can be performed with or without installing a service agent. ELM Log Manager facilitates monitoring of the following systems:

- ❖ Events
- ❖ SNMP and Syslogs
- ❖ Log files



## Microsoft Windows Server System

Using ELM Log Manager, administrators can keep tabs on their .NET Enterprise Servers and Windows Server System computers. ELM Log Manager enables users to monitor and collect event logs, send and receive alerts when certain events occur, and even take corrective action when things go wrong.



## Rich Notification and Corrective Action

ELM Log Manager includes a rich, robust Notification Engine that enables users to customize notification and corrective action to suit their needs. Possible methods of notification include these:

- ❖ SMTP or MAPI e-mail
- ❖ Numeric and alphanumeric pager
- ❖ MSN Instant Message
- ❖ Network popup
- ❖ Web post
- ❖ Beeps and sound files
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