



## SAGE PFW

## PERVASIVE AUDITMASTER

### ■ COMPREHENSIVE, BULLET-PROOF AUDITING

Around-the-clock surveillance records all changes made to your data for easy compliance with regulations like 21 CFR Part 11, Sarbanes-Oxley, and HIPAA, among others.

### ■ SUPERIOR PERFORMANCE, SELF-MAINTAINING—SET IT AND FORGET IT!

Reduce IT costs with the sophisticated multi-threaded architecture in Pervasive AuditMaster that maximizes throughput and automates data managing, troubleshooting, archiving and purging.

### ■ INCREASE DATA SECURITY WITH INCONSPICUOUS ENFORCEMENT

Pervasive AuditMaster runs on your Sage PFW server without altering the workstation or application environment in any way, making it virtually undetectable.

### ■ IMPROVE PRODUCTIVITY WITH OBJECTIVE METRICS

With Pervasive AuditMaster, you get comprehensive, accurate, and objective metrics, which can help you determine what work is getting done by whom and how long it took.

### ■ SEAMLESS SUPPORT AND INSIGHTFUL REPORTING

Simultaneously monitor, query, analyze, and report on Sage PFW databases with multiple applications from one central location.

The screenshot shows the Pervasive AuditMaster interface. The top window displays a table of audit records with columns: Record, Date, Time, Network Address, User Name, Table Name, and Operation. Below this, a detailed view shows the 'Before' and 'After' states for various fields in a record.

Record	Date	Time	Network Address	User Name	Table Name	Operation
45	12/17	14:05:42.28	172.16.5.86	bsmith	ARCSTCRL	Modify Alter
46	12/17	14:05:52.65	172.16.5.86	bsmith	ARSELECT	Insert
67	12/17	14:11:19.70	172.16.5.86	bsmith	ARCSTCRL	Modify Before
68	12/17	14:11:19.70	172.16.5.86	bsmith	ARCSTCRL	Modify Alter
69	12/17	14:11:20.79	172.16.5.86	bsmith	ARCSTCRL	Modify Before
70	12/17	14:11:20.79	172.16.5.86	bsmith	ARCSTCRL	Modify Alter
71	12/17	14:11:49.84	172.16.5.86	bsmith	ARSELECT	Modify Before
72	12/17	14:11:49.84	172.16.5.86	bsmith	ARSELECT	Modify Alter

Field Name	Before	After
CheckNumber	1	1
ApplyTo	000001034	000001034
CustomerKey	DCCCB-BEV01	DCCCB-BEV01
CashAcctKey	100000000DC1	100000000DC1
TransitNumber		
OpenAmt	275876.55	276453.26
PaidAmt	123.45	-453.26
DiscountAvailable	0	0
Reapply	N	N
OrderNumber		
CheckDate	12/17/03	12/17/03
HomeAmt	0	

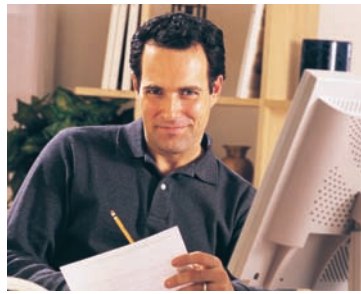
Today's information-hungry business environment demands that you share mission-critical information across networks. This sharing can also put your data in jeopardy: authorized application users can inadvertently or maliciously cause harm through data corruptions, posting errors, or accidental deletions. You need the ability to audit data access—reliable technology that keeps your data safe and notifies you of any unauthorized behavior around the clock.

Pervasive AuditMaster provides real-time monitoring with alerts, plus a comprehensive audit trail of data access. Installed at the database level, it monitors all applications running against that database and innocuously logs every change that is made 24/7. Pervasive AuditMaster manages the security of your database so you can manage your company's time and resources more effectively.

For heavily regulated industries, including accounting, pharmaceutical, health care, and food service, Pervasive AuditMaster is the premier solution providing the system-wide audit support to help companies meet those strict requirements. Companies that have invested in the ISO 9000 certification process understand the value of auditing and process repeatability, and will appreciate how Pervasive AuditMaster ensures their system's performance.

No matter what industry you're in, there's simply never been a smarter way to protect your business intelligence.

For more information about the Pervasive AuditMaster module for Sage PFW and how you can reach a higher level of data security, please contact your local authorized business partner, or call us directly toll free at 888-473-5135. You may also visit our Web site at: [www.sagesoftware.com](http://www.sagesoftware.com) or e-mail us at: [sagepfwinfo@sage.com](mailto:sagepfwinfo@sage.com).



# Sage PFW

## Pervasive AuditMaster

*"The audit trail feature is especially helpful when our external auditors have requests about specific items. I can trace transactions from module to module within the system with no difficulty at all."*

Cindy Ascanio  
Assistant Controller  
CGF Industries

### FEATURES

#### Comprehensive, Bullet-Proof Auditing

Some applications have application-centric audit trails that record changes made to the data that originate from the application, while missing changes made to data by third-party applications. Most implementations of an application rely on a collection of third-party tools and custom applications to provide a complete business solution. You can make decisions with confidence, knowing you have information on every source that impacts your data.

#### Superior Performance, Self-Maintaining

Set it and forget it! Similar to the database manager, Pervasive.SQL, and central to the design of Pervasive AuditMaster is a high-performance database monitor. The Pervasive AuditMaster database Monitor leverages a sophisticated multi-threaded architecture to maximize throughput. Pervasive AuditMaster provides a suite of tools for automatically managing, archiving, and purging data. Pervasive AuditMaster can be configured to run continuously, 24 / 7 and automatically manage and track all of your Sage PFW data without intervention.

By operating maintenance-free continuously, Pervasive AuditMaster offers distinct cost advantages. You can significantly reduce the amount of time your IT specialists spend tracking down errors and diagnosing problems. The audit trail within Pervasive AuditMaster can even assist in data recovery and restoration. The result is a higher level of auditing integrity, all while substantially minimizing the high costs of professional auditing.

#### Increase Data Security with Inconspicuous Enforcement

Pervasive AuditMaster monitors and reports on any activity in real-time to enforce your controls, oversee user activity, control processes, track access, and safeguard the completeness and accuracy of your sensitive data. You'll always know who's doing what to which data, when, where, and how. It also tracks red flags, such as deferred checks, overwritten masterfiles, duplicate entries, switches turned off and on, and other conditions that can compromise the integrity of your data. This tracking is becoming increasingly important in light of regulations like 21 CFR Part 11, Sarbanes-Oxley, and HIPAA. More important, this level of tracking results in reduced exposure to losses from error or fraud. The undo feature in Pervasive AuditMaster means you can reset to a previous point in time should unauthorized activity occur.

#### Improve Productivity with Objective Metrics

Since it operates on the network server and is completely invisible to the user, Pervasive AuditMaster empowers managers to discreetly review data entry performance and ensure that all internal controls are being followed, as well as identify where additional training is needed. This results in increased productivity, which can be objectively measured and reported.

#### Seamless Support and Insightful Reporting

Pervasive AuditMaster features streamlined integration with Sage PFW, so you can simultaneously monitor up to four databases with multiple applications from one viewer.

A powerful report writer provides snapshots of before and after changes, and empowers you with various sorts, searches, and sophisticated queries. Results can be printed or exported to your favorite tool for further analysis and reporting. The built-in Chart Wizard helps you further organize and analyze your data with instant graph and charting capabilities.

#### Specifications

Pervasive AuditMaster supports the most popular Windows platforms: Windows 2000, Windows 2003, and Windows XP. Pervasive.SQL version 8, or higher is required.

