

McAfee Database User Identifier

Increased database security through end-user identification and accountability

You store your most valuable and sensitive data in a database, but visibility into the actions of those individuals who access sensitive data has historically been incomplete or even nonexistent. Every week, there is yet another announcement of a major data breach, and research shows that the largest breaches, representing 75 percent of records, according to Verizon's 2009 study, come from databases. McAfee® Database User Identifier accurately identifies end-user activity in the database, making it possible to hold users accountable for their transactions and helping to bring organizations into compliance with regulations such as PCI DSS and Sarbanes-Oxley, while enabling the enforcement of corporate security policy on individuals.

Key Advantages

- Captures an accurate picture of end users who are accessing the database
- Provides granular information for meeting compliance standards and security policy requirements
- Leaves control in the hands of organization/application owner
- Prevents application spoofing while delivering enhanced authentication capability
- Accelerates deployment while minimizing overhead and simplifying compliance issues

With McAfee Database User Identifier, organizations gain visibility into risks associated with their most valuable and sensitive data and receive actionable information that not only helps them address these risks more easily, but also aids them in meeting compliance audit requirements while improving overall security for their critical information.

McAfee Database User Identifier supplies accurate identification information about end users who access databases containing sensitive information, helping organizations in their security compliance efforts.

Accurate Information on End Users Who Access the Database

With McAfee Database User Identifier, organizations gain visibility into risks associated with their most valuable data while receiving accurate, dependable, and actionable information to address these risks, more easily meet compliance audit requirements, and strengthen the overall protection of their most sensitive and critical information.

With McAfee Database User Identifier, organizations can:

- Monitor and track who is doing what in the database, a crucial issue in multitier environments with pooled connections to the database that serve to obscure user identity

- Prevent application spoofing while enjoying enhanced authentication capability and increasing their level of security for enterprise resource planning (ERP), financial services, manufacturing, human resources, and other back-office application environments
- Use standard containers like Weblogic, Websphere, JBoss, Tomcat, as well as Oracle Forms and Microsoft SQL Server Reporting Services
- Integrate with such applications as Oracle E-Business Suite, PeopleSoft, Siebel, SAP, and other applications

Captures All Data Needed for Accurate Identification

In capturing every user action, as well as user details, such as the URL used, client ID, and client IP, McAfee Database User Identifier not only brings organizations into sync with corporate policies that require authorization based on the identity of the user, but also with regulations and auditors that require information on "who did what" with sensitive data.

Increases the level of end-user accountability

By delivering accurate identity information, McAfee Database User Identifier solves an important problem common to multitier environments. Because applications often connect to the database using a single

DBMS user (commonly known as a pooled connection or “super user”), the association of individual users with their activities inside the database is obscured. When organizations use McAfee Database User Identifier, they don't have to configure each and every application to pass the client ID through the database connection, saving time and money.

Broad support for most containers and applications

Extending the value of its core technology for user identification, McAfee Database User Identifier works seamlessly with standard containers (including Weblogic, Websphere, JBoss, and Tomcat), as well as Oracle JDBC, Oracle Forms, and Microsoft SQL Server Reporting Services. McAfee Database User Identifier also integrates with applications such as Oracle E-Business Suite, PeopleSoft, Siebel, and SAP, while easily adding additional applications, including those that are developed in-house.

Robust end-user tracking from application to database management systems

By associating every database session, SQL statement, or command with individual users, McAfee Database User Identifier delivers an extremely accurate tracking mechanism that helps organizations to not only comply with regulations such as PCI DSS, but also to make it easier for them to enforce corporate IT policy. Further, this software-only solution is non-intrusive to the database while being easy to deploy and maintain.

Next Steps

For more information, visit www.mcafee.com/useridentifier, or contact your local McAfee representative or reseller near you.

About McAfee Risk and Compliance

McAfee Risk and Compliance products help you minimize risk, automate compliance, and optimize security. Our solutions diagnose your environment for real-time insight into your vulnerabilities and policies so that you can protect your most critical assets by focusing security investments where they matter most. To learn more, visit: www.mcafee.com/riskandcompliance.

