

# McAfee Database User Identifier

Increased database security through user identification and accountability

## Key Advantages

- Captures an accurate picture of 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

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

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

McAfee Database User Identifier supplies accurate identification information about users who access databases containing sensitive information, helping you achieve security compliance.

## Accurate Information on Users Who Access the Database

With McAfee Database User Identifier, you gain visibility into risks associated with your 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 your most sensitive and critical information.

With McAfee Database User Identifier, you 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 your 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, and Tomcat
- Integrate with such applications as Oracle Forms and Microsoft SQL Server Reporting Services, Oracle E-Business Suite, and other applications

## Capture All Data Needed for Accurate Identification

In capturing every user action, as well as user details, such as the URL, client ID, and client IP, McAfee Database User Identifier not only brings your organization 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.

## Increase the level of 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 applications such as Oracle Forms, Microsoft SQL Server Reporting Services, and Oracle E-Business Suite, while easily adding additional applications, including those that are developed in-house.

### **Robust 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](http://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](http://www.mcafee.com/riskandcompliance).

