

Protect Your Most Critical Data with McAfee Database Security

Secures mission-critical databases while maintaining optimum performance



Data is the lifeblood of today's organizations. Any interruption, unintended disclosure, or loss of data could spell disaster. Yet companies have historically been lax when it comes to database security. McAfee® Database Security solutions help you protect your databases and achieve compliance while maintaining optimum performance.

Even though databases often contain a company's most important information, they tend to be the least protected. That's risky—especially when you consider that, according to the Verizon 2010 Data Breach Investigations Report, more than 92 percent of records breached involve a database. And, according to annual research by CERT, up to half of those breaches are attributed to internal users.

Consider the importance of your own mission-critical databases. Sure, a print server crash would be inconvenient for a workgroup or two. A sales server failure would be disruptive to a department. But a database interruption could shut down the entire company.

McAfee Database Security solutions not only secure all your databases, but also all your endpoints, servers, and networks. It's a component of the Security Connected framework from McAfee, which enables you to optimize security each day, enabling your business while reducing risk, driving compliance, and realizing operational efficiencies.

Get More Strategic about Database Security

It's no longer the 13-year-old kid looking for kicks you need to worry about. It's the well-oiled machine of cybercrime that now keeps your security analysts awake at night. The Internet is the playground of cybercrime syndicates with only one thing in mind: making money at your expense.

With McAfee Database Security solutions, IT can deliver intelligent, secure protection for the sensitive data stored in your company's mission-critical databases. When you invest in a database security solution like this, you're able to protect your data and associated databases, servers, and networks for a fraction of the cost of a single breach. What's more, you keep your company's reputation intact.

Secure Your Unique Environment

Using a solution approach, McAfee can help you improve protection of critical assets and simplify demonstrating compliance to auditors without affecting performance or availability. First, you need to be able to discover, assess, and analyze the database environment:

- McAfee Vulnerability Manager for Databases automatically discovers databases on your network, determines if patches are up to date, and performs more than 3,800 vulnerability checks
- McAfee Change Control provides network configuration assessment capabilities for operating systems and network devices

Key Points

Databases require more protection than they're receiving today:

- Companies often store their most critical, sensitive data in databases
- Ninety-two percent of security breaches involving company records occurred through databases
- Half of database breaches originate from within companies

McAfee Database Security solutions empowers you to:

- Secure the mission-critical data stored in your databases
- Streamline compliance with industry and governmental regulations
- Maintain optimum database performance

Conquer Your Compliance Concerns

Regulatory standards such as PCI DSS, HIPAA, Sarbanes-Oxley, GLBA, and SAS-70 require specific controls over access to sensitive financial information and customer data. Guess where this data resides? In your mission-critical databases. And it's growing at unprecedented rates.

McAfee Database Security offers a holistic view that can minimize the resources needed during the audit process, while seamlessly protecting data from a damaging breach.

Integrated with McAfee ePolicy Orchestrator Software

The components of McAfee Database Security are integrated with the McAfee ePolicy Orchestrator (McAfee ePO) console. This integration provides centralized security management and compliance reporting for thousands of databases. As a result, you see extraordinary costs savings and realize fast ROI.

Today, more than 45,000 customers manage more than 60 million PCs and servers with McAfee ePO software.

Next, effective protection of your database environment requires protection of data in motion on the network, data in use on the server, and data at rest on physical media:

- McAfee Network Security Platform provides intrusion prevention for real-time defense against known, zero-day, denial-of-service (DoS), distributed DoS, SYN flood, and encrypted attacks
- McAfee Firewall Enterprise combines full application visibility and control with reputation-aware global threat intelligence and multivector attack protection
- McAfee Application Control ensures that only trusted applications run on servers and endpoints; it delivers dynamic whitelisting with a trust model
- McAfee Host Intrusion Prevention for Servers proactively secures against known and new zero-day attacks, including SQL injections targeted at databases; it boosts security and lowers costs by reducing the frequency and urgency of patching
- McAfee Data Loss Prevention (DLP) features unique analytics to enable you to quickly create effective data protection policies, visualize data flows, and understand your organization's data use—all without disrupting business
- McAfee Endpoint Encryption delivers powerful encryption integrated with centralized management that helps prevent unauthorized access and loss or theft of sensitive data

Finally, you can't manage what you can't monitor:

- McAfee ePolicy Orchestrator® (McAfee ePO™) software is the industry's most advanced security management console for gaining visibility into security and compliance postures across data, applications, endpoints, servers, and networks
- McAfee Database Activity Monitoring finds databases on your network and protects them with a set of preconfigured security defenses; it also delivers virtual patching updates on a regular basis for newly discovered vulnerabilities

Next Steps

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

