

McAfee Total Protection for Data Loss Prevention

Lock down your data, not your business

Data protection has always been an object of serious attention by enterprise security executives and compliance officers, but the recent privacy laws will undoubtedly elevate data protection to the boardroom due to the potentially serious consequences of noncompliance. What makes it even more challenging is that companies of all sizes are adopting cloud-based services, such as Microsoft Office 365, to give their employees greater flexibility and easier access to core business applications. As regulations and corporate needs place increasing demands on IT to ensure safe data handling, deploying necessary protective solutions can seem daunting. Some data loss prevention (DLP) products require substantial effort to deploy and typically have large ongoing consulting costs. Some DLP products leave it up to IT to know about all the data that needs to be protected, adding administrative burden and causing false positives. Others rely on the IT administrator to manage disparate consoles across multiple environments—endpoints, network, and the cloud. When are “good enough” products not good enough?

Key Advantages

Device-to-cloud DLP

- Connect and synchronize on-premises DLP and cloud DLP policies in less than one minute

Unique capture technology

- Aid with forensic analysis of data loss events that occurred prior to creation of rules
- Visibility on how your data is being used to help fine-tune rules and policies

Flexible end-user classification

- Alleviates administrative burden and increases end-user data protection awareness
- Native manual classification and third-party classification integration options

A single-pane-of-glass management experience

- Centralized console for all policy and incident management

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SOLUTION BRIEF

At McAfee, we have a better way. Built from the ground up, our DLP solution quickly and effectively protects your data wherever it may be. We make it easy to get the solution up and running by delivering it as simple components that can start analyzing your data in minutes, not months. Extending your on-premises DLP policies to the cloud has never been easier.

Universal Data Protection Across Endpoints, Networks, and the Cloud

McAfee® Total Protection for DLP helps ensure compliance and protects sensitive data wherever it lives—on endpoints, on the network, in storage systems, or in the cloud. The solution offers the same DLP policy engine and classification engine across multiple environments. There's no need to recreate policies to protect the same piece of data in different environments. This common data protection policy capability is achieved via McAfee® ePolicy Orchestrator® (McAfee ePO™) software and its tight integration with McAfee MVISION Cloud.

Centralized Incident Management and Reporting

McAfee Total Protection for DLP offers users a single-pane-of-glass experience when it comes to managing all DLP violations (incidents) and reporting via McAfee ePO software. This centralized console also helps reduce complexity when it comes to auditing and regulatory compliance by providing visibility over sensitive data across multiple environments.

Shared Intelligence and Automated Workflows

McAfee Total Protection for DLP tightly integrates with other McAfee solutions, as well as third-party technology partners, to maximize intelligence sharing. On-premises classification IDs are shared with cloud DLP to ensure consistent data loss detection. DLP raw events are shared with McAfee® Behavioral Analytics to detect risky user behavior. The automated workflows help provide ultimate protection for data at rest, data in use, and data in motion.

McAfee Data Loss Prevention Solution Components: Everything You Need

McAfee® DLP Discover finds your data

Understanding where sensitive data resides is the first step to securing it. McAfee DLP Discover simplifies the discovery with a simple three-step process—inventory, categorization, and remediation. Unlike other solutions that expect you to know exactly what content you want to protect and the locations where it's likely to be stored, McAfee DLP Discover does the heavy lifting by rapidly categorizing large amounts of unclassified data—so that only relevant files are being examined and remediated.

Exact data matching offers fingerprinting capabilities for structured data. The enhanced protection for structured data in databases and Excel spreadsheets is achieved through the flexibility of setting multiple criteria to trigger a DLP policy for accuracy. Optical Character Recognition (OCR) offers enhanced protection for sensitive data hidden in the text of scanned images, forms, and screen shots.

Prevalence of Data Loss

Compromised customer records top the list of security incidents, and employees are the number one source of security incidents.¹

Do You Know Where Your Data Is?

According to the latest [McAfee Data Residency report](#), only 47% of organizations are completely confident that they know where their data is physically located—and only 44% have a thorough understanding of the GDPR regulation and how it impacts them.

SOLUTION BRIEF

The software agent-based McAfee DLP Discover is centrally deployable and managed by McAfee ePO software. The solution scans and protects data-at-rest on file servers, databases, and cloud storage, like Box. Policies can be easily defined in McAfee ePO software, and scans can be automated and scheduled ahead of time. Special reports on incidents and detailed analytics are readily available to help meet compliance and audit requirements. Furthermore, McAfee DLP Discover shares the same management extension and policy and classification engines with McAfee® DLP Endpoint.

Click [here](#) to find out more about McAfee DLP Discover.

McAfee® DLP Prevent enforces policies

McAfee DLP Prevent works with email and web gateways to enforce policies for information leaving the network through email, webmail, instant messaging (IM), wikis, blogs, portals, and more. Help ensure the security of the information you know you must protect—Social Security numbers, credit card numbers, and financial data—and the information you want to protect, such as highly valuable intellectual property. McAfee DLP Prevent allows you to reduce risks associated with your data and enables you to take a variety of remediation actions, including encrypting, redirecting, quarantining, and blocking to support your compliance with regulations governing the privacy of sensitive information.

Capture technology is included in the McAfee DLP Prevent license. Capture technology enables you to leverage your own historical data to implement a fast, efficient deployment—no more guessing, months of trial and error, or the business disruption that it can cause. Fine-tuning DLP rules for accuracy based on your everchanging business needs is easy. The technology also aids in forensics investigation by acting as a digital recorder and replay for after-the-fact DLP incidents for thorough investigation.

McAfee® DLP Prevent for Mobile Email provides content-aware protection to mobile email. It intercepts emails downloaded to mobile device via ActiveSync proxy with DLP capability. Fully managed by McAfee ePO™ software, it helps enterprises easily monitor email for compliance evidence collection and protect both managed and unmanaged mobile devices.

McAfee DLP Prevent is available both as a physical appliance or a virtual appliance. It is fully McAfee ePO software-managed and shares the same policy engine as McAfee DLP Endpoint. Common dictionaries and regex syntax provide continuity for creating common web and email protection rules. With centralized management, the McAfee DLP solution provides single-pane-of-glass visibility, which helps increase business efficiency and reduce administrative overhead.

Click [here](#) to find out more about McAfee DLP Prevent.

SOLUTION BRIEF

McAfee® DLP Monitor scans traffic in real time

McAfee DLP Monitor performs real-time scanning and analysis of the network traffic. Through detailed classification, indexing, and storage of all network traffic—not just information that violates its real-time policies—McAfee DLP Monitor allows you to quickly leverage historical information via the newly redesigned capture technology to build effective and accurate policies and allows you to anticipate how changes in your environment might impact the security of the sensitive data it contains. Additionally, you can perform rapid investigations based on the historical data to ensure that you leave no stone unturned.

McAfee DLP Monitor offers comprehensive analysis and can detect more than 300 unique content types over any port and any applications. It allows you to quickly build a deep understanding of where data is, how it is being used, who is using it, and where it is going, helping you anticipate new risks as the environment changes.

McAfee DLP Monitor is fully unified with McAfee ePO™ software and shares common policies and incident and case management with McAfee DLP Endpoint. It is available both as a physical appliance and a virtual

appliance for added flexibility. It is also high performance and scalable, with an anticipated performance of around 10Gbps per McAfee DLP Monitor appliance² and up to 8 scanning appliances for clustering.

Click [here](#) to find out more about McAfee DLP Monitor.

McAfee DLP Endpoint helps prevent insider threats.

Centrally deployable and managed by McAfee ePO software, McAfee® DLP Endpoint helps monitor and prevent confidential data loss at work, at home, in the cloud, and on the road. McAfee DLP Endpoint protects your organization from day-to-day employee risks, which can lead to financial loss, brand damage, lost customers, competitive disadvantage, and regulatory noncompliance. With McAfee DLP Endpoint, you can quickly and easily monitor real-time events, apply centrally managed security policies to control how employees use and transfer sensitive data, and generate detailed forensics reports with minimal impact to your daily business activities. Prevent data loss and leakage when data is modified, copied, pasted, printed, or transmitted while enabling its flexible use.

SOLUTION BRIEF

With the integration of McAfee Endpoint DLP and McAfee® MVISION Cloud, customers who have both solutions can easily extend current enterprise DLP policies to the cloud via the McAfee ePO console. Connecting the two solutions can be as easy as one click and as fast as under one minute.³ On-premises DLP classification tags are shared with cloud DLP policies to ensure consistent data loss detection.

McAfee DLP Endpoint integrates with third-party end user behavioral analytics (UEBA) to tackle insider threats. It leverages a open big data platform to conduct security analytics and detect unusual and highly risky user and entity behavior. Alerts are sent back to McAfee ePO software DLP Incident Manager, and suspicious behavior is halted, even if there is no existing DLP policy in place.

Click [here](#) to find out more about McAfee DLP Endpoint.

Summary

McAfee Total Protection for Data Loss Prevention offers universal data protection across endpoints, networks, and the cloud. The open platform, McAfee ePO software, makes it simple to enable device-to-cloud DLP. McAfee DLP customers can easily extend current enterprise DLP policies to the cloud and leverage common policies to ensure consistent data loss detection. A single-pane-of-glass management console manages all DLP violations and incident workflows, regardless if the DLP violations are coming from corporate devices or cloud applications. With more data being created in and sent to the cloud every day, it is more important than ever to have a set of consistent DLP policies that protect data from any leakage vectors—whether it's corporate endpoints, unmanaged devices, on the network, or even in cloud applications.

Contact Us

For more information about our data loss prevention solution, please visit www.mcafee.com/dlp, or call us at 888.847.8766.

1. 2018 IDB Global Information Security Survey: <https://www.pwc.com/us/en/cybersecurity/information-security-survey.html>
2. Based on consistent McAfee internal lab testing.
3. Ibid.



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