

Enterprise-Class Data Loss Prevention for Mobile Devices

Extending robust content classification and data loss protection to mobile devices

MobileIron complements the McAfee® product portfolio with its ability to deliver mobile-specific data to McAfee solutions. Companies need comprehensive visibility into their mobile environment, which is increasingly critical as traditional computing endpoints evolve into mobile-oriented architectures. By combining MobileIron with McAfee technologies, enterprises can effectively integrate mobile security data with a broader view of threats against the enterprise. This allows for more effective orchestration of responses, along with the ability to better protect users and correct compromises when they are discovered.

McAfee Compatible Solution

- McAfee DLP Prevent 10.0
- MobileIron Core v9.2
- MobileIron Sentry v8.5



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SOLUTION BRIEF

Business Problem

Mobile devices are common in enterprises. Employees expect to be able to access email and data from their phones and tablets, regardless of where they are. Business units are increasingly sponsoring the development of mobile applications and processes to extend their capabilities or make their employees more productive. At the same time, IT administrators are still faced with regulatory requirements to secure personally identifiable information and intellectual property, regardless of where it resides.

Email remains the largest vector of data loss on mobile devices. Many solutions try to address the problem by containerizing mail applications in hopes of keeping emails inside a protected environment. While that approach has value, users do not like it because it falls short of the native experience and is disruptive to the way they work. As a result, users often find workarounds that open other, usually unseen vectors of data loss.

McAfee and MobileIron Joint Solution

McAfee and MobileIron deliver an integrated solution that extends robust content classification and data loss prevention to mobile devices for security beyond the network boundary.

McAfee® DLP Prevent for Mobile Email server sits between the MobileIron Sentry and Microsoft Exchange servers. Users connect their mobile devices to MobileIron Sentry to get access to corporate email. Sentry works in tandem with MobileIron Core or MobileIron Cloud to understand whether the device is compliant and can access corporate resources like email. Next, MobileIron

Sentry forwards email traffic to McAfee DLP Prevent for Mobile Email, which acts as a proxy to the corporate email environment. Email messages and attachments are sent to the McAfee DLP Prevent for Mobile Email scanner for analysis. If a policy is triggered, the incident is logged in a McAfee® ePolicy Orchestrator® (McAfee ePO™) software database. This allows administrators to understand—for auditing purposes—whether mobile devices contain sensitive information. Administrators can then choose to quarantine devices (block access and/or remove stored data) or simply log the event.

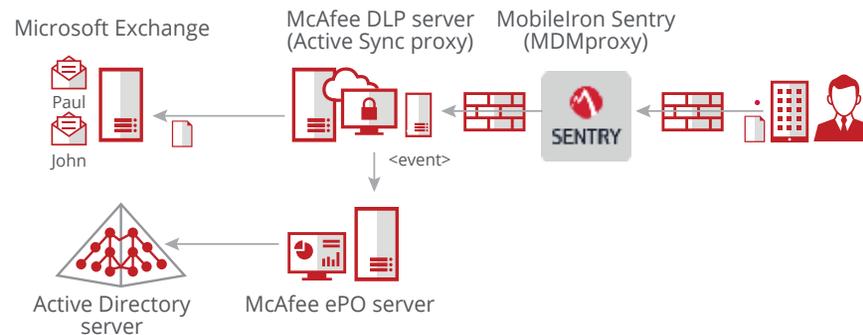


Figure 1. Integration of MobileIron solutions with McAfee ePO software and McAfee DLP Prevent for Mobile Email.

This joint solution from McAfee and MobileIron addresses key use cases when mobility is part of an enterprise's infrastructure:

- **Extend data protection beyond the network boundary:** McAfee enterprise-class DLP technology extends the value of full content classification beyond the simple cut-and-paste protections of traditional mobile DLP solutions.

SOLUTION BRIEF

- **Address one of the biggest data loss vectors for mobile users:** Allow mobile users to access email and attachments on any device from any location while effectively ensuring that content delivers on the productivity promises of mobile computing and ensuring the security of your data outside the network.
- **Minimize IT and user impact:** McAfee DLP Prevent for Mobile Email allows enterprises to easily extend their existing investments in MobileIron and McAfee ePO software. Adding the McAfee DLP Prevent for Mobile Email server to the existing network environment can be done without interrupting mail flow. Users will see no difference in their mobile experience.

About MobileIron Sentry

MobileIron's Sentry is a key component of the MobileIron Platform. It is an in-line gateway that manages, encrypts, and secures traffic between the mobile device and back-end enterprise systems. Sentry addresses three fundamental needs for our customers: mobile security, scalability, and user experience.

About McAfee DLP Prevent for Mobile Email

McAfee DLP Prevent for Mobile Email is a reverse proxy that sits between the Microsoft Exchange server and MobileIron Sentry. By monitoring Active Sync traffic and acting in concert with McAfee ePO software policies, McAfee DLP Prevent for Mobile Email extends the comprehensive content classification capabilities of the McAfee DLP solution to mobile users. This DLP solution helps ensure regulatory compliance and protects your enterprise's intellectual property.

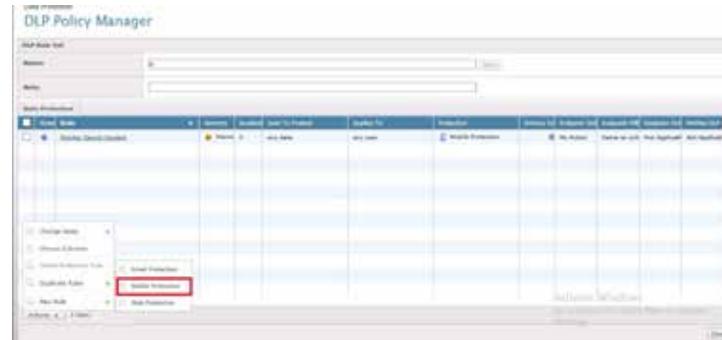


Figure 2. Mobile Protection Rules and Mobile Device definition effectively incorporate mobile devices into McAfee ePO software management workflows.



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