



# Improve Mobile Endpoint Visibility and Security—Without Infringing on User Privacy and Enablement

Skycure and Intel Security deliver risk-based mobile security for managed devices and BYOD that delivers better context, better security.

IT and business leaders have questions. They want to know: How many of our mobile devices are connected to malicious networks? How many suspicious apps have been downloaded? What vulnerabilities threaten those devices? Answering these questions while addressing other concerns requires supplementing security information and event management (SIEM) solutions with smarter mobile endpoint security tools. Skycure Mobile Threat Defense provides real-time risk scores and details of cyberattacks through enhanced visibility on mobile devices that extend beyond traditional SIEM solutions. By leveraging risk intelligence and integration with McAfee® Enterprise Security Manager—part of the Intel® Security product offering—Skycure is able to automate remediation against targeted mobile attacks, threats, and vulnerabilities in a highly effective and efficient manner.

## The Business Problem: Limited Visibility Across Mobile Devices

SIEM solutions have been around for more than a decade and have done a tremendous job in gaining visibility across multiple enterprise systems. However, there seems to be a gap in monitoring mobile devices via SIEM solution for two key reasons:

- 1. Resource Constraints:** Enterprises do not always have the freedom to oversee mobile endpoints like other enterprise systems. For instance, installing agents on mobile devices is a significant challenge. Additionally, mobile endpoints are not designed to support SIEM activities, which may drain battery, consume bandwidth, and affect overall performance. Users won't use a solution that infringes on their privacy and/or disrupts their productivity.



### McAfee Compatible Solution

- Skycure Mobile Threat Defense Solution and McAfee Enterprise Security Manager 9.4.2



## Solution Brief

- Absence of Logs:** Although enterprise systems are very chatty when it comes to log generation, mobile endpoints are generally mute—they either don't generate logs or it is practically impossible to extract their logs for correlation. Consequently, detection and remediation of mobile attacks can be very inefficient and costly.

### Get Complete Mobile Endpoint Security with Skycure Mobile Threat Defense and McAfee Enterprise Security Manager

Skycure offers the simplest way to extend McAfee Enterprise Security Manager's visibility with Mobile Threat Defense and Mobile Risk Management. This joint solution provides real-time threat intelligence and risk-based management for both BYOD and corporate-owned devices.

Together, Skycure Mobile Threat Defense and McAfee Enterprise Security Manager deliver these unique capabilities:

- Real-time visibility and risk information on all mobile devices accessing corporate assets from inside or outside the organization.
- 24x7 detection and protection against attacks at all levels, including:
  - Physical attacks.
  - Network attacks.
  - Malware attacks.
  - Vulnerability exploits.
- Detailed reports on compliance violations.
- Identity correlation to attach both BYO and corporate-owned devices to corresponding LDAP users.

### Solving the Dual-Persona Problem

The final key to success in enterprise mobile security involves providing both IT and end users with an excellent user experience.

- IT Users:** Skycure Central Management provides IT security departments with a vital, yet elusive, asset: real-time visibility and reporting across 100% of mobile devices—including BYOD. Through data-visualization enterprise integrations and smart alerts, IT security professionals can easily understand the organization's mobile security posture.
- End Users:** Skycure runs on iOS and Android devices 24/7 with a very small footprint and without infringing on the privacy and user experience. Skycure publishes free public apps on iTunes and Google Play, complying with those stores' strict usability and privacy standards.

### Key Benefits

- Holistic Mobile Security—**Multilayered mobile defense against known, unknown, and targeted attacks.
- Proactive Protection—**Automated detection and remediation stop attacks before they make it into the enterprise.
- Actionable Risk Management—**Skycure analyzes and reports on network, application, and device-level risks.
- Real-time Crowd Wisdom—**Leveraging global sensors, Skycure uses social context to detect and prevent against attacks that have yet to make it to any organizations.
- Rapid User Adoption—**Automated deployment and fast user adoption via the publicly available Skycure app on both Apple and Google Play app stores.

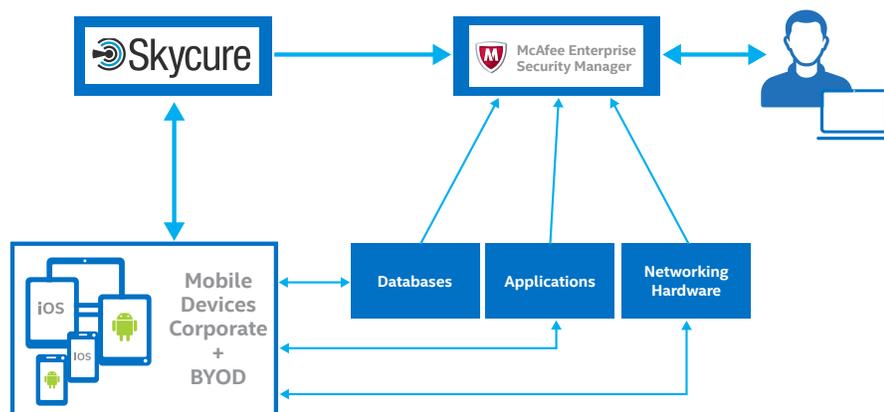


Figure 1. Integration between Skycure and McAfee Enterprise Security Manager.

### Sample Enterprise Use Cases

- **Mobile Risk Management:** Skycure detects a network attack or a malware download on a corporate-owned or BYO device and informs McAfee Enterprise Security Manager of the change in risk score of that device. Similarly, Skycure can detect a vulnerability in the operating system or any of the installed apps. If McAfee Intrusion Prevention System reports an attack as well, Enterprise Security Manager can associate an open vulnerability with an active attack and prioritize the fix.
- **Threat Intelligence:** Skycure can detect attempts by a corporate Wi-Fi access point to decrypt communications originating from a mobile device. McAfee Enterprise Security Manager can correlate these incidents with other information to detect this breach, the reason behind it, and assess the scope of the corporate espionage.

### About Skycure

Skycure is a predictive mobile threat defense company with proactive defense solutions that actively detect and prevent cyberattacks while preserving user privacy and mobile user experience and reducing the burden on IT. Skycure's mission is to secure both BYO and corporate-owned mobile devices to allow companies to mobilize without compromise. Skycure closes the mobile security gaps in organizations to protect against network-based threats, malware, vulnerability exploits, and other targeted attacks originating from both internal and external sources. Skycure's predictive technology is based on mobile threat intelligence gathered via massive crowd intelligence and sophisticated machine learning.

### About McAfee Enterprise Security Manager

McAfee Enterprise Security Manager—the foundation of the Intel Security SIEM solution—delivers the performance, actionable intelligence, and real-time situational awareness at the speed and scale required for security organizations to identify, understand, and respond to stealthy threats, while the embedded compliance framework simplifies compliance.

