

DLP Inspection of Microsoft Skype for Business

Extend McAfee® DLP Prevent to inspect Skype for Business communication from any device

As the usage of unified communication is rapidly growing, the SphereShield for Skype for Business (formerly SkypeShield) security and compliance product suite enables the McAfee® DLP Prevent engine to cover Skype for Business traffic sent from any device. For McAfee® Data Loss Prevention (McAfee DLP) customers, the SphereShield DLP solution extends existing McAfee capabilities to filter their Skype for Business communications across all devices.

Unified communication poses the risk of data reaching to external users and external devices without any inspection and control. SphereShield DLP in partnership with McAfee solves this threat by sending all Skype for Business communications through the McAfee DLP server, protecting their intellectual property and enabling compliance. The SphereShield DLP solution has the ability to display different warning messages according to the incident response from McAfee DLP Prevent. This product also blocks content, masks sensitive details, and records any policy breach.

McAfee Compatible Solution

- AGAT Package version 3.7.15
- McAfee DLP package version 11.0.300



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The Business Problem

Companies invest significant effort and resources in their DLP systems. Usually, these cover the main content channels, such as email and web services. However, most neglect to protect the data going through unified communication channels, such as Skype for Business (Lync). As usage of Skype for Business extends outside the network boundaries, communication with external parties via federation meetings occurs. This poses serious security and data protection risks due to the ease of communication between parties. Examples of data loss or leakage include a user sending sensitive information in a chat, using the iOS Skype for Business client, or transferring a sensitive file during peer-to-peer communication.

McAfee and the AGAT SphereShield for Skype for Business (formerly SkypeShield) Joint Solution

SphereShield for Skype for Business (formerly SkypeShield) offers a new approach for content and data transfer inspection outside the regular inspection areas of most vendors. SphereShield for Skype for Business (formerly SkypeShield) from AGAT Software is a server-side solution that covers all possible communication channels of Skype for Business infrastructure, regardless of the client in use. The solution is based on a content inspection module with an adapter that decrypts the traffic and sends the Skype for Business content via ICAP protocol to McAfee for DLP inspection. The SphereShield DLP module modifies the messages according to incident response from the McAfee DLP engine. This includes blocking the content, masking sensitive parts, sending an IM message warning notification to the sender, or just monitoring and alerting.

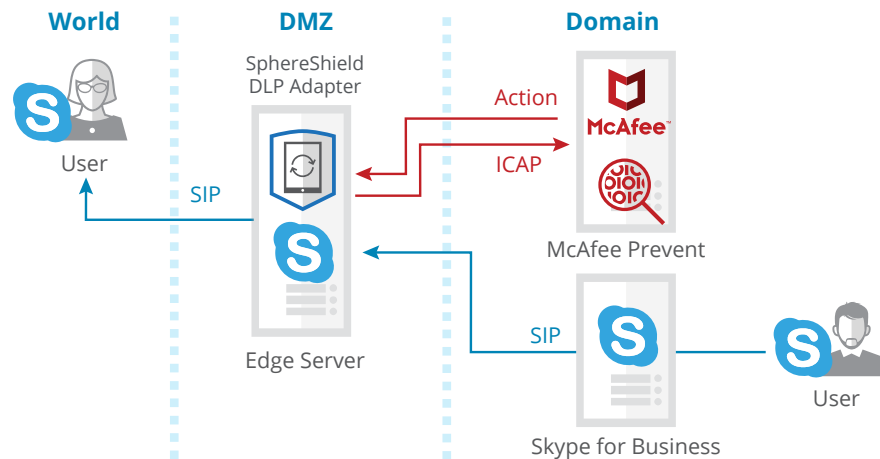


Figure 1. How McAfee and SphereShield for Skype for Business (formerly SkypeShield) collaborate to prevent loss of sensitive data across Skype for Business.

Challenges

- Variety of clients supported by Skype for Business, including mobile iOS and Android, does not allow full end point coverage
- Dual encrypted communication protocols (SIP + HTTP)

Highlights

- SphereShield for Skype for Business (formerly SkypeShield) sends all Skype for Business communication to McAfee DLP for inspection
- Covers all client types, including iOS, Android, PC, Mac, and web
- Leverages existing McAfee ePO software deployments
- Incidents are displayed in McAfee ePO software, along with content
- Notifies user of incident by IM
- Covers traffic exiting network, as well as internal communication

SOLUTION BRIEF

About AGAT Software

AGAT Software is an innovative security provider specializing in security and compliance solutions. The AGAT SphereShield for Skype for Business (formerly SkypeShield) product suite handles security threats related to authentication and identity, as well as content inspection and data protection. Utilizing this expertise, AGAT has developed a solution for securing Microsoft Skype for Business with specific unified communication requirements. The solution can be implemented on premises or in the cloud as a cloud security access broker (CASB). SphereShield for Skype for Business (formerly SkypeShield) addresses many other security and compliance requirements, addressing specific unified communication (UC) requirements for on-premises and online/cloud deployments.

About McAfee ePolicy Orchestrator Software

McAfee® ePolicy Orchestrator® (McAfee® ePO™) software is the industry-leading security and compliance management platform. With its single-agent and single-console architecture, McAfee ePO software provides intelligent protection that is automated and actionable, enabling organizations to reduce costs and improve threat protection and compliance.

About McAfee Data Loss Prevention

McAfee Data Loss Prevention software delivers the highest levels of protection for sensitive data, while greatly reducing the cost and complexity of safeguarding business-critical information. McAfee data protection is delivered through the McAfee ePO platform for streamlined deployment, management, updates, and reports.

Learn More

For more information or to start an evaluation of McAfee DLP, contact your McAfee representative or channel partner, or visit www.mcafee.com.

For more information on SphereShield for Skype for Business (formerly SkypeShield), please visit AGATSoftware.com.

For the McAfee DLP and SphereShield datasheet: [click here](#).

For the McAfee DLP and SphereShield video: [click here](#).



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