AGAT BlackBerry

SkypeShield
Secure Skype For Business
Integration with BlackBerry UEM

Background

Companies utilizing BlackBerry face security challenges when deploying Skype for Business (SfB).

One significant threat is that the SfB app can be freely obtained and installed on any device. This allows any employee to install SfB on a personal device, outside BlackBerry's control, and open a traffic channel into the company network bypassing BlackBerry security controls. Such a device might be Jail-Broken or hacked and result in domain credentials theft and malicious traffic entering the network.

SkypeShield offers an integrated solution with BlackBerry that allows organizations to verify that only devices that are managed by BlackBerry and that are compliant with company security policy can use Skype for Business.

MAIN FEATURES

Restrict Skype for Business access to devices managed by BlackBerry

- Restrict registration to BlackBerry devices
- Conditional access based on BlackBerry device security compliance settings
- Prevent access from jail broken or rooted devices
- Multi factor authentication based on BlackBerry identity
- Optional no password SSO solution

In addition, the integration enables the organization to further secure the authentication process by using the BlackBerry client's user identity as an additional authentication factor.

BlackBerry Compliance Conditional Access

SkypeShield has developed a Mobile Device Management (MDM) Conditional Access Solution for Skype for Business, which is specifically designed to meet the security requirements of BlackBerry UEM users.

SkypeShield's conditional access solution verifies that only devices that are compliant with the company's security policy, as defined by BlackBerry , can access the corporate network through Skype for Business.

SkypeShield's solution validates that devices are compliant with the settings defined by BlackBerry.

If a device becomes non-compliant, all Skype for Business sessions are terminated automatically and access is immediately blocked.

So for example, Skype for Business access may be blocked to a device that has become jailbroken or rooted, or if the user has removed the device from BlackBerry control.

During the sign-in process, and continuously thereafter, the solution verifies that the device is indeed listed as a valid device in the BlackBerry core server and is not listed as Out Of Compliance.

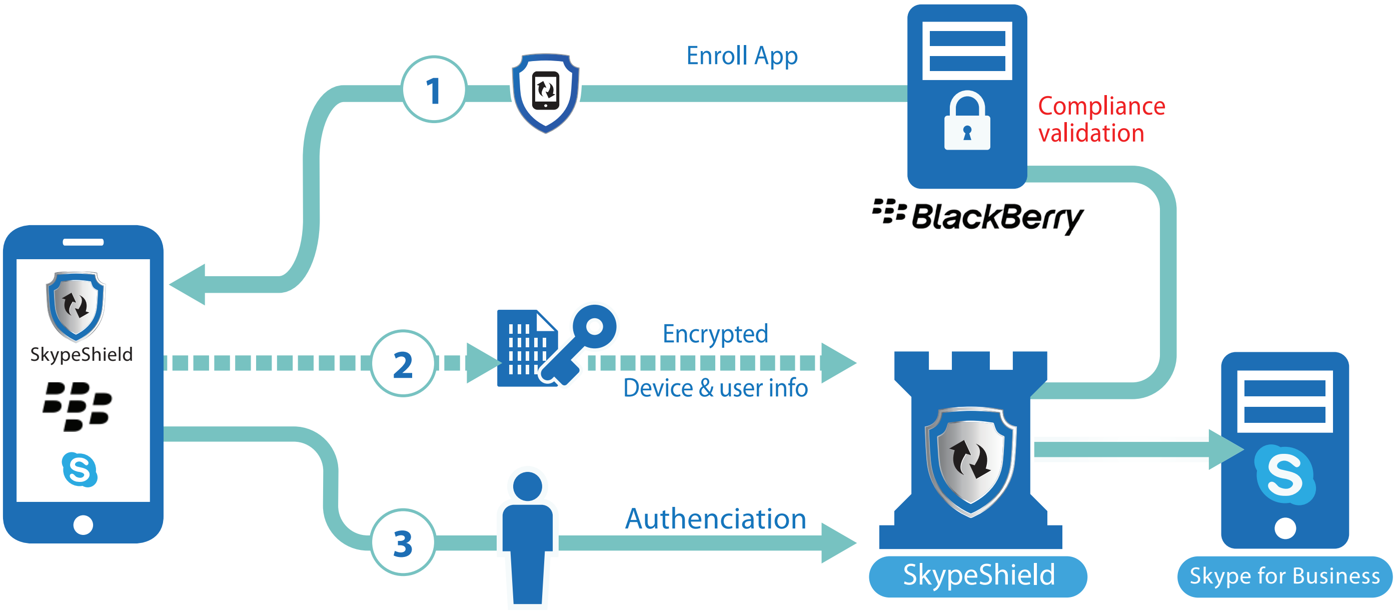
Leveraging BlackBerry identity for secure authentication

SkypeShield leverages BlackBerry to securely identify the owner of the phone. Only a device that is registered on the MDM to a specific user can be used to sign in to that user's Skype for Business account.

This adds another security factor for the authentication, making the sign in process more secure while checking that the MDM identity match the Skype for Business user used for the specific device.

No Password authentication/ Biometric authentication

By expanding the new integration developed with MDM, SkypeShield adds another security layer to the authentication process, by sending the user name from the MDM mobile device framework in parallel to the sign-in process. Based on this capability, SkypeShield offers a no-password authentication by trusting the BlackBerry identity for the authentication.
SkypeShield can also be configured to require Biometric authentication based on TouchID or finger scanner. This feature can be set in addition or instead of using a password.



SkypeShield Overview

SkypeShield is an innovative solution that guarantees secure external Skype for Business (Lync) connectivity. SkypeShield allows users to safely connect to Microsoft Skype for Business servers from smartphone, tablets, desktop PCs and any other device outside the organization.
Connecting to the server using the Skype for Business client from external device poses several risks. SkypeShield offers the following security features:

1. **BlackBerry integration**
   Block access from devices that have become Out Of compliance or removed from BlackBerry control
   Read more
2. **Network protection**
   Protect against account lockout in DDoS attack. Device pre- authentication avoiding requests entering the organization's domain, unless coming from a registered device Read more
3. **Two Factor Authentication**
   TFA by TFA by requiring the device as the second factor in addition to credentials to Skype for Business & Exchange (EWS). Optionally can require 3three factor authentication based on VPN access / certificate. Read more
4. **Device Access Control**
   Restrict the usage of LyncSkype for Business & Exchange only to registered devices. Several enrollment workflows, settings and web APIs are available to control the devices Read more
5. **Active Directory credentials protection**
   Avoid using and storing AD credentials on a device by defining dedicated Skype for Business-Lync credentials or by using RSA tokens.
   Read more
6. **Ethical wall**
   Solves ethical and compliance regulations, security and data protection issues by applying policies based on specific users, groups and domains/companies controlling activities such as IM, File transfer, Meeting, Audio, Video.
7. **Skype application Firewall**
   The firewall handles security threats related to guest and anonymous requests sent to the corporate network by performing data and protocol level Sanitization and rewriting-
   Read more
8. **DLP Engine**
   Apply content rules policies based on group membership with incident actions of block, mask or notify. Also supports commercial DLP integration with Symantec , ForcePoint (Web-sense), McAfee and other vendors. Read more
9. **No password authentication**
   Allows to sign in without using password while trusting MDM identity
10. **Disclaimers**
    Support multiples context based disclaimer for conference or conversation, domains , internal or external and users more
11. **eDiscovery**
    Data governance using advanced search by text, user, dates and more in Skype for Business archiving database with export and reporting capabilities
12. * **Authentication risk engine**
    Define Geo location (Geo fencing) rules. Display live map of connections. Profile user behavior and create security alerts events when detecting suspicious changes related to location, devices, data capacity, activities and more.
    * *Coming soon*

SkypeShield's client base consists of government offices, banks, insurance companies and large industrial global corporations, including Fortune 500 companies.

Please visit our sites at:

Product sites:
www.LyncShield.com
www.SkypeShield.com

Company site:
www.AGATSoftware.com

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Leading security for Skype for Business (Lync)