



HOBLink Mobile

Secure Access to Microsoft® Exchange with iOS® and Android™ Devices

Overview

Current studies show that more and more employees want to use smartphones and/or tablets to access enterprise data. Hereby, access to e-mails and MS Exchange is particularly interesting. Many IT managers, however, see in this trend a security risk, as (private) mobile devices often are not factored into the corporate security plan. There is a risk that sensitive enterprise data could be lost or compromised, or that someone smuggles malware into the system.

HOB has recognized this security risk and, with HOBLink Mobile, developed a solution for mobile devices (iOS and Android), that enables secure access to mails, calendars, contacts, tasks and notes. This access is made without saving any data to the mobile device. For display, only the data required therefore are buffered on the device and immediately after use, deleted. This way, e-mails and company information remain safely stored in the enterprise network even if the device is lost or stolen.

Thanks to the central user administration and easy roll-out over an app store, HOBLink Mobile is ideally suited for the fast and easy implementation of a BYOD plan.

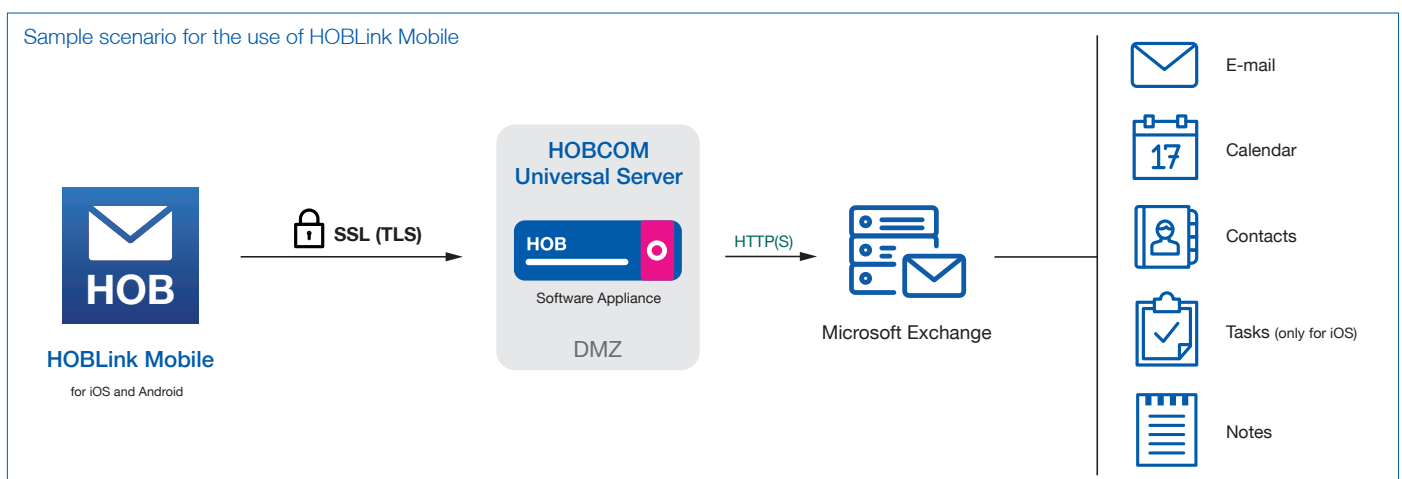
Advantages at a Glance

- Faster and more secure access to MS Exchange: E-mails, calendar, contacts, tasks and notes
- SSL (TLS) encryption for maximum security
- No data storage on the mobile device
- Data security even in the event of loss or theft
- Compatible with MDM systems thanks to the AppConfig interface
- GDPR-compliant: Separation of private and business data



BYOD
Security

Sample scenario for the use of HOBLink Mobile



Mode of Operation

The app has to be installed on the mobile device and, in the enterprise network's DMZ, the HOB COM Universal Server (HCU) has to be installed. The mobile device accesses the HCU Server over the mobile app. Within the LAN, the HCU Server communicates with the MS Exchange Server, from which it receives the requested data. After this, the information is sent to the mobile device.

Hereby, only the data that is immediately required for the display are sent to the mobile device. As long as the app is active, this data will be buffered in the main memory. After the app is terminated, no data remains on the mobile device. Communications between the app and the HCU Server are secured by SSL (TLS) 1.2 encryption.

Functionalities

With the HOBLink Mobile app, you have all of the familiar and indispensable functions you are used to working with in Microsoft® Outlook®.

E-mail	Calendar	Contacts	Tasks*	Notes
Delete, move or create e-mails and folders	Month/Day/List view of calendar entries	Search contacts in corporate directory	Create and edit tasks	Create and edit notes
Create and view e-mail attachments	Display of public and shared calendars	Display personal contacts	Display task lists and folders	Display notes
Print e-mails and attachments	Create and edit calendar entries or meeting requests	Create, edit or delete contacts	Various sorting methods for tasks	Delete notes
Push notifications for new e-mails	Invite participants and edit invitation status	Customize the sorting function	Marking and displaying e-mails as tasks	Send via e-mail
Search recipients in contacts (local) or the company directory	Display the local calendar*	Caller ID for enterprise contacts*	Search through tasks	Search through notes

* currently only supported for iOS

Authentication

Authentication is made quickly and easily via the entry of your user name and password. Additional authentication methods, such as RADIUS, certificates or one-time-password tokens are also available.

NEW: Unlock the app after successful first-time login also with Touch ID® and Face ID®

Security

At no time does HOBLink Mobile ever save sensitive data to the user device. Moreover, the entire communications are always secured with SSL (TLS) encryption. For extra security, you can use the data protection function, normally only known in MDM systems. Decide for yourself, whether attachments in e-mails are allowed to be locally saved, whether e-mails may be printed and whether contents may be transferred via copy & paste.

As HOBLink Mobile supports the AppConfig interface, it is compatible with the leading manufacturers' MDM systems (e.g., MobileIron® and VMware Airwatch®). HOBLink Mobile is also REST API compliant and therefore easy to integrate into existing structures.

System Requirements

HCU Server: from Microsoft Windows 2012 up

Microsoft Exchange: from Microsoft Exchange Server 2010 up

HOBLink Mobile for Android: from Android 4.1 up

HOBLink Mobile for iOS: from iOS 9.0 up