

SONY

Xperia™ in Business

Email and apps

Read about how Xperia devices manage email and synchronisation in a corporate IT environment

October 2016

XPERIA



About this document

Products covered

This document describes Xperia in Business enterprise services and features in Sony Mobile devices. Please refer to the tables in the Product overview document for details about supported products and software versions.

Limitations to services and features

Some of the services and features described in this document might not be supported in all countries/regions or by all networks and/or service providers in all areas. Please contact your network operator or service provider to determine availability of any specific service or feature and whether additional access or usage fees apply.

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Visit www.sonymobile.com for more information.

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Xperia devices support industry standards for setting up access to email, calendar and contacts services. With comprehensive Microsoft® Exchange ActiveSync® support, synchronising with Microsoft® Outlook® and Exchange Servers is easy.

Microsoft® Exchange ActiveSync®

If your organisation uses Microsoft® Exchange ActiveSync® (EAS), Xperia devices are well prepared to work in your corporate environment. This makes it easy for Xperia devices to interact with, for example, Exchange servers, offering you full mobile flexibility with features such as push email, calendar, contacts and to-do list. Xperia devices support standard Microsoft® Exchange ActiveSync® security tools, including policies for requiring passwords in devices and enforcing encryption of device data. If you enforce the use of passwords, users must secure their Xperia devices with a PIN or an alphanumeric password.

Once an encryption policy is implemented, users must secure their Xperia devices by encrypting the content. With these two policies enforced in mobile devices that access your organisation's network, your corporate mobile infrastructure will be significantly more secure. To enforce the protection of sensitive information, Xperia devices have support for policies that enforce encrypted email with S/MIME in Microsoft® Exchange ActiveSync®. Xperia devices also support access authentication to Microsoft Exchange Servers via Microsoft® Exchange ActiveSync® using digital certificates, or a user name and password.

There is support for a wide range of Microsoft® Exchange ActiveSync® Mobile Device Management (MDM) features in Xperia devices. To protect data on a mobile device which has been lost, Xperia devices support features for remotely locking devices and wiping their content over the air.

Xperia devices from Sony support:

- EAS 14.1 with Exchange Server 2013
- EAS 14.1 with Exchange Server 2010 SP1 & SP3
- EAS 14.0 with Exchange Server 2010
- EAS 12.1 with Exchange Server 2007 SP1 & SP3
- EAS 12.0 with Exchange Server 2007 SP1
- EAS 2.5 with Exchange Server 2003 SP2

As a supplement to enforcing device policies, IT administrators using Microsoft Exchange Server 2010 and later can control which EAS-enabled devices are allowed to connect to their Exchange Servers. This is done using a feature called Allow/Block/Quarantine list (ABQ). MDM and Microsoft® Exchange ActiveSync® policies allow IT administrators to control and manage features in devices, for example, remote wipe, passwords, encryption and camera use, whereas the ABQ list determines which devices are allowed to connect to a Microsoft Exchange Server. By using the Unapproved in ROM application list policy, blacklisted applications can be blocked from being run on the device.

When using Microsoft® Exchange ActiveSync® for mail services with Exchange Server, the Global Address List (GAL) is available. This is a centrally-managed address book containing, for example, all individual email addresses, meeting rooms and distribution groups in your organisation. The peak-time feature in Xperia devices allows you to set an individual time range when messages will be sent and received to avoid the untimely reception of mail and high-rate periods in a network. Out-of-Office notifications can also be set directly on the device.

IMAP4 and POP3

Xperia devices support IMAP4 and POP3 email protocols, meaning that most standard types of email accounts can be used with the Xperia Email application. Setting up IMAP4 or POP3 accounts is made easier by the auto-discovery feature in the Xperia Email application, which configures most accounts in just a few steps – the user only has to enter the email address and password for the account. The peak-time feature in Xperia devices described above can also be used for IMAP3 and POP3 accounts.

The Xperia Email application

Users can access all their different email accounts and messages using the Email app in Xperia devices. The Email app supports email encryption through SSL/TLS, enabling a secure communication channel between the Xperia device and the email server. With S/MIME, the content of email messages can also be secured.

Emails can be managed in separate account inboxes or in one combined inbox, giving both control and a clear overview of all emails. The Xperia Email app supports full-text search of all messages, including those synced to the device or those left on the server. The user can sort emails by, for example, sender, subject or read/unread status or choose to view emails in threads, for easy overview.

The Xperia Email application can display HTML mail, giving you content-rich emails that include pictures and extended use of fonts. The Calendar application integration shows the next scheduled event in the email view and users can create new calendar events or meetings directly from emails, with the recipients of the mail automatically added as participants.

The Xperia Calendar application

Download an efficient calendar which is perfectly suited for business to your Xperia device. It's designed to enable users to quickly create, answer and get an overview of invitations and schedules. Users can access several calendars and synchronise them using direct push to get up-to-the-minute schedule status. The calendars can also be synced separately according to the preferences for each calendar. If you work with multiple accounts, you can view them separately or in one combined view.

You can manage your tasks from within the calendar and let the Xperia Calendar application keep track of your to-do lists. Tasks in the Xperia device can be synchronised with the Exchange Server to make them available on other computers and devices.

The Xperia Calendar supports the smart search feature, which lets you perform a full-text search to find appointments that match the search based on single words in the appointment text, subject or email address. For organisations that provide Microsoft® Exchange ActiveSync®, users can benefit from the centrally-managed Global Address List (GAL) that gives as-you-type suggestions of individual email addresses, meeting rooms or distribution groups when you create or update appointments. With Exchange Server 2010 and later versions, users can verify attendee availability before setting up a meeting.

If the place is known, a small map is shown in the event details view. The map can be enlarged and there is also a button that launches a navigation application for guidance to the meeting location.

The Xperia Contacts application

With the Xperia Contacts application users can view contacts from multiple accounts all in one place, or they can choose to filter contacts by account. Contacts managed in the Xperia Contacts application are available in other applications across an Xperia device, for example, in most communications.

If your business uses Microsoft® Exchange ActiveSync®, the support for the Global Address List (GAL) provides comprehensive searchability for contacts in your enterprise address list. Also when searching contacts in other accounts, or locally in the device, you can take advantage of the smart search feature in the Xperia Contacts application, called Smart Dial. With Smart Dial you enter letters or numbers that correspond to the contact you want to call, and as you enter each letter or number, a list of possible matches appears. The Contacts application supports the vCard format (*.vcf), which makes it possible to import and export contact files and to exchange vCards with other devices.

Android™ for Work

Android for Work lets you use your Android device both at work and privately by setting up a dedicated work profile for business apps and data that never mixes with personal content. Android for Work creates a secure framework for companies to put any application in Google

Play™ to work, making it easy for IT administrators to approve and distribute Android apps to users' devices. With Google Play for Work, you can browse, purchase, deploy, and manage work applications while ensuring threats from malware are minimised.

With Android for Work, you can:

- Discover business applications in the enterprise-oriented Google Play for Work store.
- Review and accept the permissions required to install an application and approve applications for distribution.
- Distribute internal applications.
- Remotely configure applications.
- Remotely set policies.

Google Play™ for Work

Google Play for Work is a free extension that enables Google Play functionality for companies. It allows you to easily distribute apps to users' devices, without the need for custom development. In addition to the public Google Play catalogue, you can use Google Play for Work to distribute internally developed or enterprise-specific applications. You can either use Google Play for Work's hosting capabilities to conveniently and securely distribute apps or you can host an app yourself and only use the Google Play infrastructure for delivery to devices. Google Play for Work brings together each step in the lifecycle of an application rollout, from browsing and comparing applications, to approving updates for your users.

Google Play for Work allows you to explicitly approve which applications are deployed to the users' Work Profile. You can also disable installs from unknown sources and the use of developer tools to sideload applications. Google Play's ability to detect vulnerabilities and potentially malicious code within applications through regular scanning of Google Play content also includes Google Play for Work apps.

Sony Mobile Enterprise SDK

With the Enterprise Software Developer Kit (SDK), provided by Sony Mobile, you get infrastructure support to the Enterprise API for your mobile applications. When you include the Enterprise API in your project, you can add device administration capabilities such as device control and packet filtering functionality, or add single sign-on (SSO) support to your apps.

Different Xperia devices support different levels of the Enterprise API. For information about the Enterprise API level supported by each Xperia device, see the Product overview White paper.

The Enterprise SDK includes these components:

- Documentation describing how to develop applications with the Enterprise SDK.
- JAR library to be added to the application project as a compile-time dependency.
- JAR support library to be added to the application project as a runtime dependency.
- Sample applications that demonstrate a simple UI for using Enterprise API, and how to integrate packet filtering functionality in an app. You can use these samples as a reference in setting up your Android project as a device-admin application with Enterprise API support.