



**OPEN-XCHANGE
SERVER
OXtender for Busi-
ness Mobility**

OPEN-XCHANGE SERVER: OXtender for Business Mobility

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Please note

Mobile devices may not be supported for all Open-Xchange Server installations. Please contact your support to activate this feature.

Chapter 1. Introduction

1.1. What is the OXtender for Business Mobility?

Mobile communication and information are an increasingly important factor of success in a business environment. You must thus synchronize emails and PIM data between the groupware server and your mobile phone.

The solution offered by Open-Xchange is the OXtender for Business Mobility, which has the following characteristics:

- based technically on the Microsoft Exchange ActiveSync protocol
- automatic push synchronization of emails, appointments, tasks and contacts between your mobile phone and the Open-Xchange Server
- easy to install
- integrates seamlessly with the applications of the mobile phones already used

Note: Please note that for data transfer, depending on the cell phone contract, additional costs can arise. For more information, contact your cell phone provider.

1.2. Which mobile phones are supported?

The OXtender for Business Mobility supports the following smartphones:

Smartphone	Supported device	Please note
Nokia Symbian S60	Nokia N97 Nokia E51	For some Nokia models a subsequent installation of the Nokia ActiveSync client, provided free of charge by Nokia, is necessary.
Windows Mobile 6, 6.1, 6.5	Samsung Omnia i900 Sony Ericsson Xperia X1 HTC Touch/Diamond II Motorola MOTO Q9	
Apple iPhone	2G 3G 3GS	
Android 1.5	G1	An additional ActiveSync software is necessary
BlackBerry	BlackBerry 8100	An additional ActiveSync software is necessary.

1.3. Which data is synchronized?

The OXTender for Business Mobility synchronizes the following data:

- email
- personal contacts
- Global Address Book
- **Note:** Other public folders are **not** synchronized.
- personal appointments
- personal tasks

Chapter 2. Configuring the mobile phone

2.1. Windows Mobile 6

Windows Mobile 6 includes a pre-installed ActiveSync client, with which you can synchronize your emails, contacts, appointments and tasks between your mobile phone and the Open-Xchange Server.

Note: This guide refers to a non-modified version of Windows Mobile 6 Professional. The icons and names on your mobile phone may be different from this guide. In this case, refer to your mobile phone documentation or ask your cell phone provider.

To configure your Windows Mobile 6 mobile phone:

1. In the main menu, select the **ActiveSync** software in the **Programs** folder. The ActiveSync client starts.
2. Select **set up your device to sync with it**.
3. If the page **Enter Email Address** is displayed, enter the email address you use for your email account on the Open-Xchange Server.
Disable the **Attempt to detect Exchange Server Settings automatically** option.
Select **Next**.
Note: It is possible that these pages will not be displayed on your mobile phone. In this case, go to the next step.
4. On the **Edit Server Settings** page, enter the server name (hostname, FQDN) of the Open-Xchange Server.
If your server uses encryption, enable **This server requires an encrypted (SSL) connection**.
Select **Next**.
5. Enter your access information (user name and password) for the Open-Xchange Server.
Please note that the user name and the password are case-sensitive. If your user name contains the @ character, enter the characters preceding the @ in the **User name** field, and the characters following the @ in the **Domain** field. Example: For the user name mike@ox.io, enter mike for the user name and ox.io for the domain.
If your user name doesn't contain the @ character, enter the user name in the **User name** field, and the defaultcontext name in the **Domain** field.
Enable the **Save password** control field.
Select **Next**.
6. Select which data should be synchronized.
Select **Finish**.

Result: Your mobile phone is configured to use the Open-Xchange Server. Your first synchronization starts immediately automatically. Depending on the amount of data and the network connection, the first synchronization can take a long time.

For practical uses, note the following.

- To read or create emails, switch to **Messenger** in the main menu. Select **Outlook-E-Mail** in the menu.
- To synchronize emails with the Open-Xchange Server, switch to **Messenger** in the main menu. Select **Send/Receive** in the menu.
- To open the Open-Xchange Server's global address book, select **Contacts** in the main menu. Select **Company directory**..

2.2. Apple iPhone

As of version 2.0, the Apple iPhone includes a pre-installed ActiveSync client, with which you can synchronize your emails, contacts, appointments and tasks between your iPhone and the Open-Xchange Server.

To configure your Apple iPhone:

1. From the home screen, select **Settings**.
2. Select **Mail, contacts, calendar**.
3. Select **Add an account**.
4. Select **Microsoft Exchange**.
5. On the **Exchange** page, enter the following data:
 - the email address you use for the email account on the Open-Xchange Server
 - the server name (hostname, FQDN) of the Open-Xchange Server
Note: The input field for the Open-Xchange server address might not be displayed here. In this case proceed with the next step. When having completed the next step, the input field for the Open-Xchange server address is displayed.
 - your access information (user name and password) for the Open-Xchange Server. Note that the username and the password are case-sensitive.
If your user name contains the @ character, enter the characters preceding the @ in the **User name** field, and the characters following the @ in the **Domain** field. Example: For the user name mike@ox.io, enter mike for the user name and ox.io for the domain.
If your user name doesn't contain the @ character, enter the user name in the **User name** field. In **Domain** field either enter defaultcontext or leave the field empty.
Select **Next**.
6. Select the data that should be synchronized.
Select **Finish**.

Result: Your iPhone is configured to use the Open-Xchange Server. Your first synchronization starts immediately automatically. Depending on the amount of data and the network connection, the first synchronization can take a long time.

For practical uses, note the following.

- You will find the emails of your Open-Xchange email account in the iPhone email application in a separate profile. This application supports email subfolders as well as the management of email folders. In the account settings you can define which E-Mail subfolder are synchronized.
- You will find the appointments of the Open-Xchange Server in the iPhone calendar application. This application supports the display of multiple calendars. Thus, all your appointments from your personal calendars on the Open-Xchange Server are available on your iPhone.
- You will find the contacts of the Open-Xchange Server in the iPhone contacts application. This application supports the display of multiple contact folders. Thus, all your personal contacts from the Open-Xchange Server are available on your iPhone. To access the contacts of the global address book, use the search function.

2.3. BlackBerry

BlackBerry devices do not include an ActiveSync client by default. Several third party vendors offer commercial software. Open-Xchange recommends the ActiveSync client from the AstraSync company. You can find a test version of the ActiveSync client as well as further information on the AstraSync web site <http://www.astrasync.com>.

The following instructions describe how to configure the ActiveSync client from the AstraSync company on your BlackBerry.

Note: Due to access restriction to the BlackBerry memory, software from third parties cannot use all functions of the device. Thus, the ActiveSync client cannot use the BlackBerry email application. The ActiveSync client can use the other BlackBerry applications for calendars and contacts.

To configure your BlackBerry using the AstraSync software:

1. Use the browser of your BlackBerry to download and install the AstraSync software.
Note: To use the Open-Xchange Server, version 3.0.20 or newer is required.
Depending on your BlackBerry software, you will find the AstraSync software either in the download folder or in the main menu.
2. On the **AstraSync License Agreement** page, select **Accept**.
3. On the **Network Settings** page, AstraSync checks the network connection and displays the result.
Select **Next**.
4. On the **Server Configuration** page, enter the following data:
 - the email address you use for the email account on the Open-Xchange Server
 - the server name (hostname, FQDN) of the Open-Xchange Server
 - your access information (user name and password) for the Open-Xchange Server. Note that the username and the password are case-sensitive.
If your user name contains the @ character, enter the characters preceding the @ in the **User name** field, and the characters following the @ in the **Domain** field. Example: For the user name mike@ox.io, enter mike for the user name and ox.io for the domain.
If your user name doesn't contain the @ character, enter the user name in the **User name** field, and the defaultcontext name in the **Domain** field.
 - If your server uses encryption, enable **Use SSL**AstraSync checks the connection to the server and displays the result.
Select **Next**.
5. On the **Sync Setting** page, select the data that should be synchronized.
Select **Next**.

Result: Your BlackBerry mobile phone is configured to use the Open-Xchange Server. AstraSync starts now a first synchronization. For questions about the functions and the settings of the AstraSync software, please consult the AstraSync documentation.

For practical uses, note the following.

- You will find the emails of your Open-Xchange email account in the start screen of AstraSync.
- To access the contacts and the appointments of the Open-Xchange Server, use the BlackBerry applications for contacts and calendars.

2.4. Nokia with Symbian S60

Some Nokia smartphones with Symbian OS and the S60 user interface already have the ActiveSync support built-in. For other Nokia devices with the S60 user interface, get the "Mail for Exchange" free software from the Nokia web site <http://www.nokia.com>. This web site contains also information on the supported devices.

Note: This guide refers to a non-modified version of a Nokia N95. The icons and names on your mobile phone may be different from this guide. In this case, refer to your mobile phone documentation or ask your cell phone provider.

Caution: Depending on which option you choose for the first synchronization, the existing appointments, tasks and contacts on your mobile phone may be erased. Save the data of your mobile phone using Nokia PC Suite before configuring your Nokia for the synchronization. You will find information on Nokia PC Suite on Nokia's web site.

To configure your Nokia with Symbian S60:

1. Using the browser of your mobile phone, download the suitable Mail for Exchange client from the Nokia Business Mobility web site.
2. The installation will start automatically. Acknowledge the security advices and the license information.
3. In the main menu, open the **Mail for Exchange** folder. Select the **Mail for Exchange** application. The application asks you to create an EAS profile.
4. To create the EAS profile, enter the following data:
 - the email address you use for the email account on the Open-Xchange Server
 - Leave the **Domain** field empty. If you are prompted to enter a domain, enter a space.
 - Select **OK**.
 - your access information (user name and password) for the Open-Xchange Server. Note that the username and the password are case-sensitive.
If your user name contains the @ character, enter the characters preceding the @ in the **User name** field, and the characters following the @ in the **Domain** field. Example: For the user name mike@ox.io, enter mike for the user name and ox.io for the domain.
If your user name doesn't contain the @ character, enter the user name in the **User name** field, and the defaultcontext name in the **Domain** field.
 - on the **Connection** tab, the server name (hostname, FQDN) of the Open-Xchange Server
 - If your server uses encryption, select **Yes** for **Secure connection**.

Caution: Depending on which option you choose at the following step for **First sync.**, the existing appointments, tasks and contacts on your mobile phone may be erased. You will find information on this behavior in the user's guide of Nokia Mail for Exchange.

5. Select the **Sync schedule** tab to set various synchronization parameters.
6. Select the **Calendar** tab to enable the synchronization of appointments. If necessary, configure further settings.
7. Select the **Tasks** tab to enable the synchronization of tasks. If necessary, configure further settings.
8. Select the **Contacts** tab to enable the synchronization of contacts. If necessary, configure further settings.
9. Select the **E-Mail** tab to enable the synchronization of emails. This option creates the new Mail for Exchange entry in the Messaging menu. If necessary, configure further settings.
10. To save the settings, select **Save**. The **Mail for Exchange** menu is displayed.

Result: Your Nokia smartphone is configured to use the Open-Xchange Server. For questions about the functions and the settings of Nokia Mail for Exchange, please consult the Nokia Mail for Exchange user's guide.

For practical uses, note the following.

- You will find the emails of your Open-Xchange email account in the **Messaging** application in **Mail for Exchange**.
- You will find the appointments and the tasks of the Open-Xchange Server in the calendar application.
- You will find the contacts of the Open-Xchange Server in the phone book.
- In case your Nokia Smartphone displays the message "Server Error", use the **Full resync** function to fix the error.

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