



Synchronizing with SmarterMail

Help Documentation

Synchronizing with SmarterMail

Overview

SmarterMail is a powerful collaboration mail server that supports the synchronization of calendars, tasks, notes, and contacts on desktop applications like Microsoft Outlook and over-the-air synchronization for most popular mobile devices.

It should be noted that synchronization capabilities may vary depending on the edition of SmarterMail that you are using:

- For full synchronization capabilities, SmarterTools recommends upgrading to SmarterMail Enterprise. SmarterMail Enterprise users have the ability to synchronize their mailboxes using any of the protocols discussed in this document.
- SmarterMail Professional users can download their email using IMAP or POP3 retrieval, but they cannot sync calendars, contacts, tasks or notes.
- SmarterMail Free users have the ability to synchronize their mailboxes using any of the protocols discussed in this document except Microsoft Exchange ActiveSync and Exchange Web Services, which are only available as add-ons to SmarterMail Enterprise.
- NOTE: Regarding Windows 8 and Windows Server 2012, only the most current version of SmarterMail was tested and validated for these operating systems. Previous versions may work as well but they may also require you to work around known issues. See the SmarterTools knowledge base for more information.

This document covers the synchronization methods and processes for the following applications and devices:

- Apple OS X
 - Apple Address Book
 - Apple iCal
 - Apple Mail
- Microsoft Windows 8
 - Windows 8 Mail
 - Windows 8 People
 - Windows 8 Calendar
- Cross Platform Options
- Microsoft Outlook

- Mozilla Thunderbird
- Mobile Devices

- Apple iOS
- BlackBerry
- Google Android
- Symbian
- Windows Phone

Note: This is not an exhaustive list of all compatible applications and mobile devices. SmarterTools recommends contacting the manufacturer for details regarding the available synchronization protocols for applications and/or mobile devices not listed in this document.

Who Should Use This Document

This document is intended to be used in conjunction with the SmarterMail Online Help, Knowledge Base articles (KBs), and other SmarterTools reference sources as part of an overall solution. It should be used by:

- Hosting companies, Internet Service Providers (ISPs) and IT professionals as part of a complete SmarterMail communications solution for their customers
- Individual users of SmarterMail seeking to maximize the functionality and features of the SmarterMail account

Synchronization Protocols

SmarterMail uses multiple synchronization technologies to sync mailbox items with email clients and mobile devices:

- Microsoft Exchange ActiveSync is an optional add-on that syncs SmarterMail mailboxes, calendars, contacts -- including contact pictures -- with most mobile devices and many mail clients integrated in the latest operating systems (e.g., Windows 8) as well as with Outlook 2013 for Windows.
- Exchange Web Services is an optional add-on that syncs SmarterMail messages, contacts, calendars and tasks to third-party email clients that support the protocol, including Microsoft Outlook 2015 for Mac from Office 365, Microsoft Outlook 2011 for Mac, Apple Mail, the Outlook client for iPad and eM Client..
- SyncML is a platform-independent synchronization standard that syncs SmarterMail mailboxes with Outlook 2007 and above (32-bit version), Thunderbird, and most mobile devices. NOTE: As of SmarterMail 10.x, SyncML support is no longer being updated as there are fewer and fewer SyncML clients that are continuing development and support. That being

said, SyncML will continue to work "as-is" in current and future versions of SmarterMail.

- CalDAV is an extension of the WebDAV protocol that syncs SmarterMail calendars natively with Macs, iPads, iPhones, Thunderbird, and other devices/applications that use the technology. Windows Phone 8 will eventually include native support for CalDAV and there are apps for Android that support CalDAV as well. More information on CalDAV implementations can be found by reviewing [Implementations of CalDAV and CardDAV](#) .
- CardDAV is an extension of the WebDAV protocol that syncs SmarterMail contacts -- including contact pictures -- natively with Macs, iPads, iPhones, and other devices/applications that use the technology. Windows Phone 8 will eventually include native support for CardDAV and there are apps for Android that support CardDAV as well. More information on CardDAV implementations can be found by reviewing [Implementations of CalDAV and CardDAV](#) .
- The Add to Outlook (Sharepoint Sync) feature within the SmarterMail Webmail interface uses two-way synchronization technology to sync a SmarterMail mailbox with Outlook 2007 or higher and provides read-only capability for Outlook 2003, including a user's shared resources. Calendars and contacts shared at the domain level are not supported. However, Sharepoint Sync does not support notification features, so items like SmarterMail calendar reminders will not be available within Outlook. In addition, Add to Outlook does not sync contact pictures. For full integration, Microsoft Exchange ActiveSync (for mobile devices and Outlook 2013 and above for Windows) or Microsoft Exchange Web Services (for Outlook for Mac and Apple Mail) should be used.

Synchronized Devices

To view the devices and protocols used to synchronize your mailbox, log in to the SmarterMail interface and click the settings icon . Then expand the My Settings and Advanced Settings folders in the navigation pane and click Synchronized Devices . Logging of information, last successful synchronization and the ability to reset the synchronization state of devices is available from this area.

Desktop Applications

SmarterMail supports synchronization with many desktop applications and email clients, including:

- Apple Address Book
- Apple iCal
- Apple Mail
- Windows 8 Mail
- Windows 8 Calendar
- Windows 8 Contacts
- Microsoft Outlook
- Mozilla Thunderbird --%>

Apple OS X

Apple OS X is the primary operating system for the MacBook, Mac mini, iMac and Mac Pro lines of desktops and laptops.

Apple Address Book

Apple Address Book is an application for Mac OS X users built for managing contact data. It is intended to be used in conjunction with Apple's Mail and iCal programs to provide Mac users with full email, calendar, and contact management.

CardDav

Users can synchronize their SmarterMail contacts -- including contact pictures -- with Address Book using the CardDAV protocol. Support for CardDAV is built into both products, so there is no need to download and install additional applications to sync contact data.

For more information, refer to the KB article that applies to the OSX you are using:

- OSX 10.7 Lion: How To Sync SmarterMail with Apple Address Book and iCal
- OSX 10.6 Snow Leopard: How To Sync SmarterMail with Apple Address Book and iCal

SyncML

This method synchronizes contacts by using the Funambol Sync Client for Mac OS X, which is available for download at <https://www.forge.funambol.org/download> . The Funambol Sync Client uses the SyncML 1.2 protocol, which is included within SmarterMail. NOTE: As of SmarterMail 10.x, SyncML support is no longer being updated as there are fewer and fewer SyncML clients that are continuing development and support. That being said, SyncML will continue to work "as-is" in current and future versions of SmarterMail.

Apple iCal

Apple iCal is an application for Mac OS X users built for managing calendar data. It is intended to be used in conjunction with Apple's Mail and Address Book programs to provide Mac users with full email, calendar, and contact management.

CalDav

Users can synchronize their SmarterMail calendars with iCal using the CalDAV protocol. Support for CalDAV is built into both products, so there is no need to download and install additional applications to sync calendar data. For more information, refer to the KB article that applies to the OSX you are using:

- OS X 10.7 Lion: How To Sync SmarterMail with Apple Address Book and iCal
- OS X 10.6 Snow Leopard: How To Sync SmarterMail with Apple Address Book and iCal

Apple Mail

Apple Mail is an email application for Mac OS X users. It is intended to be used in conjunction with Apple's Address Book and iCal programs to provide Mac users with full email, calendar, and contact management.

Exchange Web Services

The Exchange Web Services add-on is available as an optional add-on for SmarterMail Enterprise and can be purchased from the SmarterTools website. Users can use Exchange Web Services to sync messages with Apple Mail on computers running OS X 10.6 (Snow Leopard) or OS X 10.7 (Lion).

Once the Exchange Web Services add-on has been purchased, the system administrator will need to reactivate SmarterMail and enable the add-on for the domain. For more information, refer to the KB article [How To Activate Exchange Web Services](#) .

Once the add-on is activated for the domain, users can sync to Apple Mail using the protocol. For more information, refer to the KB article [How To Synchronize SmarterMail with Apple Mail Using Exchange Web Services](#) .

NOTE: For mailboxes that will process and store large volumes of email, it is recommended that they be set up to connect to SmarterMail using IMAP as EWS performance suffers when processing large volumes of email.

Message Retrieval

For SmarterMail users with Exchange Web Services, messages will automatically be synchronized with the Apple Mail. SmarterMail users that are using any of the other technologies to sync their mailboxes should set up an account within Apple Mail using either IMAP or POP3.

IMAP is a robust protocol that easily handles mailboxes that process and/or store large volumes of email. In addition, IMAP idle is an optional feature of the IMAP protocol that pushes all new messages out as they are received by the mail server. Unlike POP, IMAP offers two-way communication between your SmarterMail mailbox and your email client(s). This means when you log in to the SmarterMail Web interface, actions you performed on email clients and mobile devices will automatically appear in the Web interface (and vice versa). In addition, IMAP keeps all messages and folders on the server whereas POP downloads all messages to an email client.

With POP3, your mail is saved in a mailbox on the remote server until you check your mail. When you check your mail, all of the mail is downloaded to your computer and is no longer maintained on

the server. If you use POP3 and are traveling or check your mail from multiple locations, you will not be able to view any of your old mail because the messages only exist on the computer on which you originally received your mail.

Microsoft Windows 8

Windows 8 is the latest operating system offered by Microsoft that is available for a variety of desktops, laptops and the Microsoft Surface tablet. Windows 8 includes an email client as well as both calendar and contacts applications as part of its default installation, similar to those same features offered by Apple's OS X operating system.

Windows 8 Mail

Windows 8 Mail is an email client that comes pre-installed with Windows 8. It allows users to set up accounts using a variety of methods.

Microsoft Exchange ActiveSync

The Microsoft Exchange ActiveSync add-on is available as an optional add-on for SmarterMail Enterprise and can be purchased from the SmarterTools website. Unlike the other synchronization methods, Exchange ActiveSync uses direct push technology to sync email, calendars, and contacts in real time, ensuring any changes to collaboration data are automatically recorded in both SmarterMail and within Windows 8 Mail.

With the release of Windows 8, Microsoft integrated Exchange ActiveSync with both Microsoft Office 13 as well as within the Windows 8 Mail application that comes as part of the Windows 8 installation. Therefore, administrators and end users can set up Outlook 2013 and/or Windows 8 Mail using the Exchange ActiveSync add-on as well as via IMAP or POP. NOTE: Outlook 2010 and earlier DO NOT support Exchange ActiveSync. ActiveSync is only supported in Outlook 2013 and above.

Once the Exchange ActiveSync add-on has been purchased, the system administrator will need to reactivate SmarterMail and enable the add-on for the user's mailbox. For more information, refer to the KB article [How To Activate Microsoft Exchange ActiveSync](#) .

If SmarterMail is running under IIS, the system administrator will also need to disable Windows authentication before adding Exchange ActiveSync to specific mailboxes. For more information, refer to the KB article [How To Configure IIS for Microsoft Exchange ActiveSync](#) .

Message Retrieval

For SmarterMail users with Exchange ActiveSync, messages will automatically be synchronized with Outlook. SmarterMail users that are using any of the other technologies to sync their mailboxes should set up an account within Windows 8 Mail using either IMAP or POP3, where possible.

IMAP is a robust protocol that easily handles mailboxes that process and/or store large volumes of email. In addition, IMAP idle is an optional feature of the IMAP protocol that pushes all new messages out as they are received by the mail server. Unlike POP, IMAP offers two-way communication between your SmarterMail mailbox and your email client(s). This means when you log in to the SmarterMail Web interface, actions you performed on email clients and mobile devices will automatically appear in the Web interface (and vice versa). In addition, IMAP keeps all messages and folders on the server whereas POP downloads all messages to an email client.

With POP3, your mail is saved in a mailbox on the remote server until you check your mail. When you check your mail, all of the mail is downloaded to your computer and is no longer maintained on the server. If you use POP3 and are traveling or check your mail from multiple locations, you will not be able to view any of your old mail because the messages only exist on the computer on which you originally received your mail. (Note: If you have enabled Outlook to keep messages on the server, you will be able to access your messages and folders from any computer via the SmarterMail Web interface or your mobile device.)

Windows 8 People

Windows 8 People is a contacts system that comes pre-installed with Windows 8. It allows users to set up contacts within Windows 8 that can be used for a variety of purposes (e.g., emailing).

Microsoft Exchange ActiveSync

The Microsoft Exchange ActiveSync add-on is available as an optional add-on for SmarterMail Enterprise and can be purchased from the SmarterTools website. Unlike the other synchronization methods, Exchange ActiveSync uses direct push technology to sync email, calendars, and contacts -- including contact pictures -- in real time, ensuring any changes to collaboration data are automatically recorded in both SmarterMail and within Windows 8 Mail.

With the release of Windows 8, Microsoft integrated Exchange ActiveSync with both Microsoft Office 13 as well as within the Windows 8 Mail, People and Calendar applications that come as part of the Windows 8 installation. Therefore, administrators and end users can set up Outlook 2013 and/or Windows 8 Mail using the Exchange ActiveSync add-on as well as via IMAP or POP.

Once the Exchange ActiveSync add-on has been purchased, the system administrator will need to reactivate SmarterMail and enable the add-on for the user's mailbox. For more information, refer to the KB article [How To Activate Microsoft Exchange ActiveSync](#) .

If SmarterMail is running under IIS, the system administrator will also need to disable Windows authentication before adding Exchange ActiveSync to specific mailboxes. For more information, refer to the KB article [How To Configure IIS for Microsoft Exchange ActiveSync](#) .

Windows 8 Calendar

Windows 8 Calendar is an calendar application that comes pre-installed with Windows 8. It allows users to set up calendars within Windows 8 that can be used for a variety of purposes (e.g., keeping track of appointments).

Microsoft Exchange ActiveSync

The Microsoft Exchange ActiveSync add-on is available as an optional add-on for SmarterMail Enterprise and can be purchased from the SmarterTools website. Unlike the other synchronization methods, Exchange ActiveSync uses direct push technology to sync email, calendars, and contacts in real time, ensuring any changes to collaboration data are automatically recorded in both SmarterMail and within Windows 8 Mail.

With the release of Windows 8, Microsoft integrated Exchange ActiveSync with both Microsoft Office 13 as well as within the Windows 8 Mail, People and Calendar applications that come as part of the Windows 8 installation. Therefore, administrators and end users can set up Outlook 2013 and/or Windows 8 Mail using the Exchange ActiveSync add-on as well as via IMAP or POP.

Once the Exchange ActiveSync add-on has been purchased, the system administrator will need to reactivate SmarterMail and enable the add-on for the user's mailbox. For more information, refer to the KB article [How To Activate Microsoft Exchange ActiveSync](#) .

If SmarterMail is running under IIS, the system administrator will also need to disable Windows authentication before adding Exchange ActiveSync to specific mailboxes. For more information, refer to the KB article [How To Configure IIS for Microsoft Exchange ActiveSync](#) .

Cross Platform Options

Microsoft Outlook

Microsoft Outlook is an email client developed by Microsoft Inc. for managing messages, contacts, notes, tasks, and appointments and is commonly distributed as part of the Microsoft Office suite.

Outlook is offered on both the Windows and Mac OS X platforms. SmarterMail supports synchronization of email, contacts, calendars, tasks and notes with Outlook 2003 or higher, both on Windows and OS X.

Microsoft Exchange ActiveSync

The Microsoft Exchange ActiveSync add-on is available as an optional add-on for SmarterMail Enterprise and can be purchased from the SmarterTools website. Unlike the other synchronization methods, Exchange ActiveSync uses direct push technology to sync email, calendars, and contacts --

including contact pictures -- in real time, ensuring any changes to collaboration data are automatically recorded in both SmarterMail and within Outlook.

With the release of Windows 8, Microsoft integrated Exchange ActiveSync with both Microsoft Office 13 as well as within the Windows 8 Mail application that comes as part of the Windows 8 installation. Therefore, administrators and end users can set up Outlook 2013 and/or Windows 8 Mail using the Exchange ActiveSync add-on as well as via IMAP or POP.

Once the Exchange ActiveSync add-on has been purchased, the system administrator will need to reactivate SmarterMail and enable the add-on for the user's mailbox. For more information, refer to the KB article [How To Activate Microsoft Exchange ActiveSync](#) .

If SmarterMail is running under IIS, the system administrator will also need to disable Windows authentication before adding Exchange ActiveSync to specific mailboxes. For more information, refer to the KB article [How To Configure IIS for Microsoft Exchange ActiveSync](#) .

Exchange Web Services

The Exchange Web Services add-on is available as an optional add-on for SmarterMail Enterprise and can be purchased from the SmarterTools website. Users can currently use Exchange Web Services to sync messages, contacts, calendars and tasks with Outlook 2015 for Mac from Office 365, Outlook 2011 for Mac and Apple Mail. At this time, Outlook for Windows does not offer support for EWS.

Once the Exchange Web Services add-on has been purchased, the system administrator will need to reactivate SmarterMail and enable the add-on for the domain. For more information, refer to the KB article [How To Activate Exchange Web Services](#) .

Once the add-on is activated for the domain, users can sync to Outlook using the protocol. For more information, refer to the KB article [How To Synchronize SmarterMail with Outlook 2011 for Mac Using Exchange Web Services](#) .

NOTE: For mailboxes that will process and store large volumes of email, it is recommended that they be set up to connect to SmarterMail using IMAP as EWS performance suffers when processing large volumes of email.

Add to Outlook

The Add to Outlook (Sharepoint Sync) feature allows for two-way synchronization of calendars, contacts (but not contact pictures) and tasks with Outlook 2007 or higher, including a user's shared resources. Calendars and contacts shared at the domain level are not supported. For more information, refer to the KB article [How To Synchronize SmarterMail with Outlook Using the Add to Outlook Feature](#) . However, Sharepoint Sync does not support notification features, so items like SmarterMail calendar reminders will not be available within Outlook. For full integration, Microsoft Exchange

ActiveSync (for mobile devices and Outlook 13 and above for Windows) or Microsoft Exchange Web Services (for Outlook for Mac and Apple Mail) should be used.

SyncML

This method synchronizes contacts (but not contact pictures), calendars, tasks, and notes by using the Funambol Sync Client for Microsoft Outlook, which is available for download at http://forge.ow2.org/project/showfiles.php?group_id=96 . The Funambol Sync Client uses the SyncML 1.2 protocol, which is included within SmarterMail. Funambol SyncML works for Outlook 2007 and above (32-bit only). NOTE: As of SmarterMail 10.x, SyncML support is no longer being updated as there are fewer and fewer SyncML clients that are continuing development and support. That being said, SyncML will continue to work "as-is" in current and future versions of SmarterMail.

For more information, refer to the KB article [How To Synchronize SmarterMail Accounts with Outlook Using SyncML](#)

Message Retrieval

For SmarterMail users with Exchange Web Services, messages will automatically be synchronized with Outlook. SmarterMail users that are using any of the other technologies to sync their mailboxes should set up an account within Outlook using either IMAP or POP3.

IMAP is a robust protocol that easily handles mailboxes that process and/or store large volumes of email. In addition, IMAP idle is an optional feature of the IMAP protocol that pushes all new messages out as they are received by the mail server. Unlike POP, IMAP offers two-way communication between your SmarterMail mailbox and your email client(s). This means when you log in to the SmarterMail Web interface, actions you performed on email clients and mobile devices will automatically appear in the Web interface (and vice versa). In addition, IMAP keeps all messages and folders on the server whereas POP downloads all messages to an email client.

With POP3, your mail is saved in a mailbox on the remote server until you check your mail. When you check your mail, all of the mail is downloaded to your computer and is no longer maintained on the server. If you use POP3 and are traveling or check your mail from multiple locations, you will not be able to view any of your old mail because the messages only exist on the computer on which you originally received your mail. (Note: If you have enabled Outlook to keep messages on the server, you will be able to access your messages and folders from any computer via the SmarterMail Web interface or your mobile device.)

Mozilla Thunderbird

Mozilla Thunderbird is a free, open source email client developed by the Mozilla Foundation. SmarterMail supports synchronization of email, contacts and calendars with Thunderbird 3.

SyncML

Users can synchronize contacts (but not contact pictures) and calendars with Thunderbird using the Funambol and the Lightning add-ons. Both add-ons are available for free from the Mozilla Thunderbird website. The Funambol add-on uses the SyncML 1.2 protocol to synchronize collaboration items and the Lightning add-on provides calendar functionality for Thunderbird. NOTE: As of SmarterMail 10.x, SyncML support is no longer being updated as there are fewer and fewer SyncML clients that are continuing development and support. That being said, SyncML will continue to work "as-is" in current and future versions of SmarterMail.

After installing the add-ons, users will need to configure the Funambol add-on from within the Thunderbird interface.

For more information, refer to the KB article [How To Install and Configure Lightning and Funambol for Thunderbird](#)

CalDav

Users can also synchronize their SmarterMail calendars with Thunderbird using the CalDAV protocol and the Lightning add-on. For more information, refer to the KB article [Sync with Thunderbird Using CalDAV for Lightning](#)

Message Retrieval

For messages, users should set up an account within Thunderbird using either IMAP or POP3.

IMAP is a robust protocol that easily handles mailboxes that process and/or store large volumes of email. In addition, IMAP idle is an optional feature of the IMAP protocol that pushes all new messages out as they are received by the mail server. Unlike POP, IMAP offers two-way communication between your SmarterMail mailbox and your email client(s). This means when you log in to the SmarterMail Web interface, actions you performed on email clients and mobile devices will automatically appear in the Web interface (and vice versa). In addition, IMAP keeps all messages and folders on the server whereas POP downloads all messages to an email client.

With POP3, your mail is saved in a mailbox on the remote server until you check your mail. When you check your mail, all of the mail is downloaded to your computer and is no longer maintained on the server. If you use POP3 and are traveling or check your mail from multiple locations, you will not be able to view any of your old mail because the messages only exist on the computer on which you originally received your mail.

Mobile Devices

SmarterMail supports synchronization with most mobile devices on the market, including:

- Apple iOS
- BlackBerry
- Google Android
- Symbian
- Windows Phone

Apple iOS

Apple iOS devices include the iPod Touch, iPhone and the iPad. SmarterMail supports synchronization of email, contacts, and calendars with iOS devices.

Microsoft Exchange ActiveSync

The Microsoft Exchange ActiveSync add-on is available as an optional add-on for SmarterMail Enterprise and can be purchased from the SmarterTools website. Unlike the other synchronization methods, Exchange ActiveSync uses direct push technology to sync email, calendars, and contacts -- including contact pictures -- in real time, ensuring any changes to collaboration data are automatically recorded in both SmarterMail and the mobile device.

Once the Exchange ActiveSync add-on has been purchased, the system administrator will need to reactivate SmarterMail and enable the add-on for the user's mailbox. For more information, refer to the KB article [How To Activate Microsoft Exchange ActiveSync](#) .

If SmarterMail is running under IIS, the system administrator will also need to disable Windows authentication before adding Exchange ActiveSync to specific mailboxes. For more information, refer to the KB article [How To Configure IIS for Microsoft Exchange ActiveSync](#) .

For synchronization instructions for a specific mobile device, refer to the manufacturer's website. Additional information may be available in the SmarterTools Knowledge Base.

CardDAV and CalDAV

SmarterMail users that choose not to purchase the Exchange ActiveSync add-on can synchronize their SmarterMail contacts -- including contact pictures -- and calendars with iOS devices using the CardDAV and CalDAV protocols. Support for CardDAV and CalDAV is built into these products, so there is no need to download and install additional applications to sync contact and calendar data.

For more information, refer to the KB article that applies to the OSX you are using:

- OSX 10.7 Lion: [How To Sync SmarterMail with Apple Address Book and iCal](#)
- OSX 10.6 Snow Leopard: [How To Sync SmarterMail with Apple Address Book and iCal](#)

SyncML

A third solution is also available to sync contacts over-the-air. This solution uses the iPhone Sync Client from Funambol, which is available for download in Apple's App Store. The iPhone Sync Client uses the SyncML 1.2 protocol, which is included within SmarterMail. NOTE: As of SmarterMail 10.x, SyncML support is no longer being updated as there are fewer and fewer SyncML clients that are continuing development and support. That being said, SyncML will continue to work "as-is" in current and future versions of SmarterMail.

For more information, refer to the KB article [How To Synchronize SmarterMail with Mobile Devices Using SyncML](#) .

BlackBerry

BlackBerry is a line of smartphones developed by Research In Motion. SmarterMail supports synchronization of email, contacts, calendars, tasks, and notes with the BlackBerry.

Microsoft Exchange ActiveSync

The Microsoft Exchange ActiveSync add-on is available as an optional add-on for SmarterMail Enterprise and can be purchased from the SmarterTools website. Unlike the other synchronization methods, Exchange ActiveSync uses direct push technology to sync email, calendars, and contacts in real time, ensuring any changes to collaboration data are automatically recorded in both SmarterMail and the mobile device.

Although the Blackberry does not directly support over-the-air synchronization with Exchange ActiveSync, there are two applications available for purchase that enable Exchange ActiveSync functionality on the Blackberry: AstraSync and NotifySync. For more information, refer to www.astrasync.com and www.notifysync.com .

Once the Exchange ActiveSync add-on has been purchased, the system administrator will need to reactivate SmarterMail and enable the add-on for the user's mailbox. For more information, refer to the KB article [How To Activate Microsoft Exchange ActiveSync](#) .

If SmarterMail is running under IIS, the system administrator will also need to disable Windows authentication before adding Exchange ActiveSync to specific mailboxes. For more information, refer to the KB article [How To Configure IIS for Microsoft Exchange ActiveSync](#) .

For synchronization instructions for a specific mobile device, refer to the manufacturer's website. Additional information may be available in the SmarterTools Knowledge Base.

SyncML

For those users that choose not to purchase the Exchange ActiveSync add-on, an alternate solution is available to sync contacts (but not contact pictures), calendars, tasks, and notes over-the-air. This solution is to use the BlackBerry Sync Client from Funambol, which is available for download at http://forge.ow2.org/project/showfiles.php?group_id=96 . The BlackBerry Sync Client uses the SyncML 1.2 protocol, which is included within SmarterMail. The client supports most BlackBerry devices, and SmarterTools has tested models 8830, 8810, and Curve devices. NOTE: As of SmarterMail 10.x, SyncML support is no longer being updated as there are fewer and fewer SyncML clients that are continuing development and support. That being said, SyncML will continue to work "as-is" in current and future versions of SmarterMail.

For more information, refer to the KB article [How To Synchronize SmarterMail with Mobile Devices Using SyncML](#) .

Message Retrieval

For regular and push email usage, SmarterTools offers the following methods:

- The BlackBerry Internet Service is a free method to push email to your Blackberry and is a service provided by your mobile phone provider (Sprint, Verizon, etc.) and can be configured to check your SmarterMail mailbox and push all new and unread messages to your mobile phone. Messages are normally pushed to the BlackBerry device with a short delay. This can be configured with any version of SmarterMail as the BlackBerry Internet Service will connect to the mailbox via the IMAP protocol.
- An alternative free method to push messages to your mobile phone which is normally only delayed a couple minutes and simulates the expensive BlackBerry Enterprise Server (BES) which is often associated to Microsoft Exchange is to use the open source provider Funambol. By signing up with the free Funambol service, you can (just as with the BlackBerry Internet Service), configure Funambol to scan your SmarterMail mailbox for new and unread messages. If a new message is found, the Funambol service will push the message to the BlackBerry device and the Funambol client program. When you sign up for the Funambol service, they will provide you the appropriate client that should be installed on your BlackBerry device. This method provides a significant cost savings over the formal BES method with only a modest diminishment in performance.
- Since the BlackBerry is focused on pushing email, many consumers who are familiar with IMAP and PocketPCs miss the advantage of having access to all their messages that they see within Outlook or the webmail interface. For people who would like to log into the SmarterMail mailbox from the BlackBerry and see all of their messages as if they were in webmail,

additional clients can be installed on the BlackBerry, such as the free open source application LogicMail .

Google Android

Android is an operating system designed for use in a variety of smartphones and mobile devices. Examples of devices that run on Google Android include the Motorola Droid 3, Samsung Galaxy Tab, and HTC Droid Incredible. In addition, the Kindle Fire runs on a modified version of the Android operating system. SmarterMail supports synchronization of email, contacts, and calendars with Android devices.

Microsoft Exchange ActiveSync

The Microsoft Exchange ActiveSync add-on is available as an optional add-on for SmarterMail Enterprise and can be purchased from the SmarterTools website. Unlike the other synchronization methods, Exchange ActiveSync uses direct push technology to sync email, calendars, and contacts -- including contact pictures -- in real time, ensuring any changes to collaboration data are automatically recorded in both SmarterMail and the mobile device.

Note: Only Android devices running version 2.0 or later support synchronization via Exchange ActiveSync. Support for Exchange ActiveSync may also vary by device. For example, Exchange ActiveSync does not support Corporate Calendar or email applications for the Motorola Droid, Droid 2 or Droid X because they are custom applications that do not comply with Exchange ActiveSync specifications.

Once the Exchange ActiveSync add-on has been purchased, the system administrator will need to reactivate SmarterMail and enable the add-on for the user's mailbox. For more information, refer to the KB article [How To Activate Microsoft Exchange ActiveSync](#) .

If SmarterMail is running under IIS, the system administrator will also need to disable Windows authentication before adding Exchange ActiveSync to specific mailboxes. For more information, refer to the KB article [How To Configure IIS for Microsoft Exchange ActiveSync](#) .

For synchronization instructions for a specific mobile device, refer to the manufacturer's website. Additional information may be available in the SmarterTools Knowledge Base.

CardDAV and CalDAV

SmarterMail users that choose not to purchase the Exchange ActiveSync add-on can synchronize their SmarterMail contacts and calendars with Android devices using the CardDAV and CalDAV protocols. While the default calendar and contacts apps may NOT support either protocol, there are some Android apps that do support both. IN addition, there are CalDAV and CardDAV specific apps that

can facilitate synchronization, though these may be paid apps. More information and implementations of CalDAV and CardDAV can be found by reviewing [Implementations of CalDAV and CardDAV](#) .

Message Retrieval

For SmarterMail users with Exchange ActiveSync mailboxes, messages will automatically be pushed to their mobile devices as they are received. SmarterMail users that are using any of the other technologies to sync their mailboxes with a mobile device should set up an account within the mail application provided on the mobile device using either IMAP or POP3.

IMAP is a robust protocol that easily handles mailboxes that process and/or store large volumes of email. In addition, IMAP idle is an optional feature of the IMAP protocol that pushes all new messages out as they are received by the mail server. Unlike POP, IMAP offers two-way communication between your SmarterMail mailbox and your email client(s). This means when you log in to the SmarterMail Web interface, actions you performed on email clients and mobile devices will automatically appear in the Web interface (and vice versa). In addition, IMAP keeps all messages and folders on the server whereas POP downloads all messages to an email client.

With POP3, your mail is saved in a mailbox on the remote server until you check your mail. When you check your mail, all of the mail is downloaded to your computer and is no longer maintained on the server. If you use POP3 and are traveling or check your mail from multiple locations, you will not be able to view any of your old mail because the messages only exist on the computer on which you originally received your mail.

Windows Phones

Windows Phone is a compact operating system developed by Microsoft and designed for use in a variety of smartphones and mobile devices. Examples of devices that run on Windows Phone (or the Windows Mobile OS) include the Samsung Focus, HTC HD7 and Nokia Lumia. SmarterMail supports synchronization of email, calendars, contacts, tasks and notes with Windows Phones.

Microsoft Exchange ActiveSync

The Microsoft Exchange ActiveSync add-on is available as an optional add-on for SmarterMail Enterprise and can be purchased from the SmarterTools website. Unlike the other synchronization methods, Exchange ActiveSync uses direct push technology to sync email, calendars, and contacts -- including contact pictures -- in real time, ensuring any changes to collaboration data are automatically recorded in both SmarterMail and the mobile device.

Once the Exchange ActiveSync add-on has been purchased, the system administrator will need to reactivate SmarterMail and enable the add-on for the user's mailbox. For more information, refer to the KB article [How To Activate Microsoft Exchange ActiveSync](#) .

If SmarterMail is running under IIS, the system administrator will also need to disable Windows authentication before adding Exchange ActiveSync to specific mailboxes. For more information, refer to the KB article [How To Configure IIS for Microsoft Exchange ActiveSync](#) .

For synchronization instructions for a specific mobile device, refer to the manufacturer's website. Additional information may be available in the SmarterTools Knowledge Base.

SyncML

SyncML For those users that choose not to purchase the Exchange ActiveSync add-on, an alternate solution is available to sync contacts (but not contact pictures), calendars, and tasks over-the-air. This solution is the Pocket PC Sync Client or SmartPhone Sync Client Funambol, which are available for download at http://forge.ow2.org/project/showfiles.php?group_id=96 . These sync clients use the SyncML 1.2 protocol, which is included within SmarterMail. NOTE: As of SmarterMail 10.x, SyncML support is no longer being updated as there are fewer and fewer SyncML clients that are continuing development and support. That being said, SyncML will continue to work "as-is" in current and future versions of SmarterMail.

For more information, refer to the KB article [How To Synchronize SmarterMail with Mobile Devices Using SyncML](#) .

Message Retrieval

For SmarterMail users with Exchange ActiveSync mailboxes, messages will automatically be pushed to their mobile devices as they are received. SmarterMail users that are using any of the other technologies to sync their mailboxes with a mobile device should set up an account within the Pocket Outlook application provided on the mobile device using either IMAP or POP3.

IMAP is a robust protocol that easily handles mailboxes that process and/or store large volumes of email. In addition, IMAP idle is an optional feature of the IMAP protocol that pushes all new messages out as they are received by the mail server. Unlike POP, IMAP offers two-way communication between your SmarterMail mailbox and your email client(s). This means when you log in to the SmarterMail Web interface, actions you performed on email clients and mobile devices will automatically appear in the Web interface (and vice versa). In addition, IMAP keeps all messages and folders on the server whereas POP downloads all messages to an email client.

With POP3, your mail is saved in a mailbox on the remote server until you check your mail. When you check your mail, all of the mail is downloaded to your computer and is no longer maintained on the server. If you use POP3 and are traveling or check your mail from multiple locations, you will not be able to view any of your old mail because the messages only exist on the computer on which you originally received your mail.