

The *Mail Express Outlook Add-In Deployment Guide* is designed to assist in the setup, configuration, and deployment of the Mail Express Outlook Add-in and the prerequisite software it requires in a remote or “silent” installation. This document describes one method for deploying the Outlook Add-In; however, deployment is not limited to this method. Hyperlinks provide additional detailed information in the online help files or download locations. An installation of Outlook 2007 is assumed for all examples in this guide.

## Add-in Deployment Part 1 – Install the prerequisite software

**Step 1:** Download the following necessary prerequisite software installers and copy them to a network drive available to all clients:

- [Microsoft .NET Framework 3.5 Service Pack 1](#) (*Be sure to download the full package, total size ~231MB*)
- [Microsoft Visual Studio Tools for Office Runtime 3.0 SP1](#) for Outlook 2003 and 2007 Add-in clients(*Separate installers are provided for Office [2003](#) and [2007](#) and also a separate installer for [SP1](#).)*)
- [Microsoft Visual Studio Tools for Office Runtime 4.0](#) for Outlook 2010 Add-in clients.
- [Windows Installer 3.1](#) or greater (*Standard with Windows XP SP3 and later*)
- Microsoft Office Primary Interop Assemblies (PIA)—These can be downloaded from the **Add-in Installer** page of the Mail Express Administration portal as part of the **Prerequisite Installer Bundle** specific to each version of Outlook. There are separate installers for the Office 2003, 2007 and 2010 PIA.

Since Group Policy software installation allows only the use of MSI packages, the executable installers (.exe files) must be either packaged in an MSI (using a tool such as WinINSTALL LE) or installed in another manner (e.g., logon scripts). The example below uses a [Microsoft documented method](#) to extract the .NET 3.5 SP1 MSI file from the executable to use the standard GPO method for it and the Outlook PIA installer; the Windows Installer 3.1 and VSTO executable installers use a login script to be deployed. The order of installation is important, as some packages rely on others to install properly. The installation order is:

1. .NET 3.5 SP1,
2. VSTO 3.0
3. Windows Installer 3.1
4. Outlook PIA
5. Mail Express Outlook Add-in

*Note: Be aware that computers running on Windows XP Professional operating systems support Fast Logon Optimization in any domain environment, which can cause the login process to complete prior to the network connection being established, and can result in failure of GPO installations. To turn off Fast Logon Optimization, use the following policy setting:*

*Computer Configuration \ Administrative Templates \ System \ Logon \ Always wait for the network at computer startup and logon.*

**Step 2:** Create the new prerequisite Group Policy Packages

- **Microsoft .NET 3.5 SP1 Package:**
  - i. Right click on your domain, and then create a link and Group Policy Object. The menu option will differ based on your operating system:
    - **Create and Link a GPO here** (Windows Server 2003)
    - **Create a GPO in this domain, and Link it here...** (Windows Server 2008)
  - ii. Provide a name for the .NET object.
  - iii. Right click the newly created GPO link, then click **Edit**.

- iv. In the left pane of the new **Group Policy Object Editor**, and then create a new Software Installation object. The menu option will differ based on your operating system:
  - **Computer Configuration -> Software Settings -> Software Installation.** (Windows Server 2003)
  - **Computer Configuration -> Policies -> Software Settings -> Software Installation.** (Windows Server 2008)
- v. Right-click **Software Installation**, then click **New -> Package**.
- vi. Browse to and click the vs\_setup.msi file. The path differs based on the operating system:
  - For the 32-bit executable, the path is `\dotnet\wcu\dotNetFramework\dotNetFX35\x86\extract if the Microsoft scripts were used`
  - For the 64-bit executable, the path is `\dotnet\wcu\dotNetFramework\dotNetFX35\x64\extract if the Microsoft scripts were used`
- vii. Click **Assigned**.
- viii. In the **Group Policy Management** dialog box, right click the .NET GPO link, then click **Enforced**.

*Note: The .NET installation may require a system reboot to complete. If that is the case, then the Mail Express Add-In installer will not successfully run until that reboot is performed. The admin has the choice to reboot the system after the .NET installation or to wait for the next system reboot for the Mail Express Add-in to be installed.*

- **VSTO 3 SP1 and Windows Installer 3.1 Package:**

- i. Right click on your domain, and then create a link and Group Policy Object. The menu option will differ based on your operating system:
  - **Create and Link a GPO here** (Windows Server 2003)
  - **Create a GPO in this domain, and Link it here...** (Windows Server 2008)
- ii. Provide a name for the VSTO/WI object.
- iii. Right click the newly created GPO link, then click **Edit**.
- iv. In the left pane of the new **Group Policy Object Editor**, and then create a new Startup Script object. The menu option will differ based on your operating system:
  - **Computer Configuration -> Windows Settings -> Scripts (Startup/Shutdown)** (Windows Server 2003)
  - **Computer Configuration -> Policies -> Windows Settings -> Scripts (Startup/Shutdown)** (Windows Server 2008)
- v. Double-click the **Startup** option.
- vi. Click **Add**, then browse to and click the vstor30.exe file.
  - In Script Parameters, add /q
- vii. Click **Add**, then browse to and click the vstor30sp1-KB949258-x86.exe file.
  - In Script Parameters, add /q
- viii. Click **Add**, then browse to and click the WindowsInstaller-KB893803-v2-x86.exe file.
  - In Script Parameters, add /q

- **MS Office 2007 PIA Package:**

- i. Right click your domain, then click The menu option will differ based on your operating system:
  - **Create and Link a GPO here** (Windows Server 2003)
  - **Create a GPO in this domain, and Link it here...** (Windows Server 2008)
- ii. Provide a name for the .NET object.

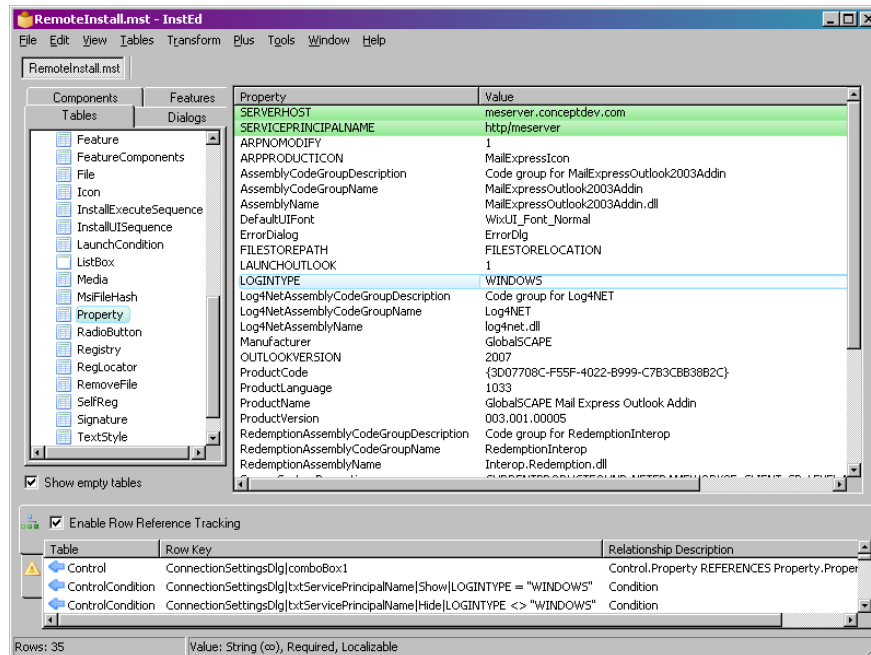
- iii. Right click the newly created GPO link, then click **Edit**.
- iv. In the left pane of the new **Group Policy Object Editor**, and then create a new Software Installation object. The menu option will differ based on your operating system:
  - Computer **Configuration** -> **Software Settings** -> **Software Installation**. (Windows Server 2003)
  - Computer **Configuration** -> **Policies** -> **Software Settings** -> **Software Installation**. (Windows Server 2008)
- v. Right-click Software Installation, then click **New** -> **Package**.
- vi. Browse to and click the **o2007pia.msi** file.
- vii. Click **Assigned**.

## Add-in Deployment Part 2 – Install Mail Express Outlook Add-in

**Step 1:** Download the Mail Express Outlook Add-in installer and copy it to a network drive available to all clients. The installer can be downloaded from the **Add-in Installer** page of the Mail Express Administration portal.

**Step 2:** Create the Microsoft Installer Transform File ([MST](#)) to specify installation parameters during silent installation. Download a tool such as [Orca](#) or [InstEd](#) to create the MST, or contact [GlobalSCAPE Customer Support](#) for assistance. InstEd is used in this example.

- i. Open InstEd.
- ii. On the main menu, click **File** -> **Open**.
- iii. Browse to and click the **MailExpressOutlookAddinInstaller.msi** file.
- iv. In the installer, click **Transform** -> **New Transform**.
- v. Provide a name for the transform file.
- vi. On the **Tables** tab, click the **Property** table.
- vii. Right-click in the window that lists the properties, then click **Add Row**.
- viii. In the **Field Name** box, type SERVERHOST
- ix. In the **Value** box, type <Mail Express Server Name>
- x. Add another row.
- xi. In the **Field Name** box, type [SERVICEPRINCIPALNAME](#)
- xii. In the **Value** box, type <Mail Express SPN>
- xiii. Verify that **LOGINTYPE** = WINDOWS.



**Step 3:** Create new Group Policy Package:

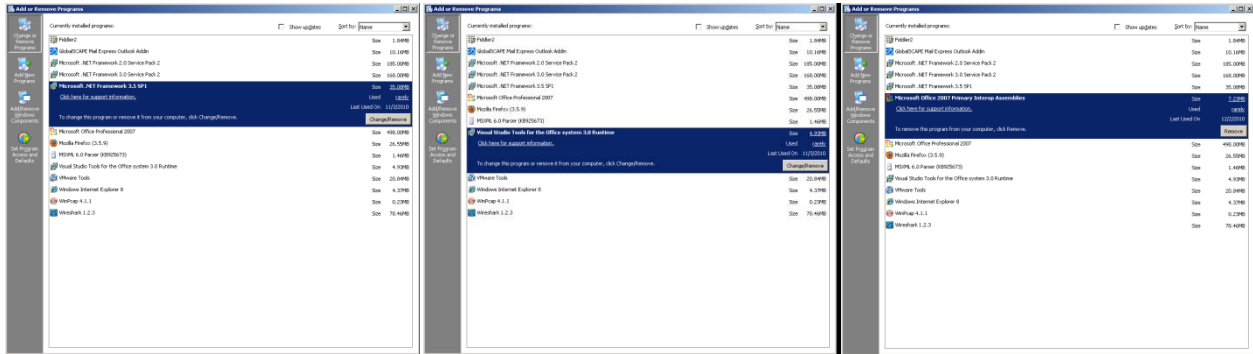
- i. Right click on your domain, and then create a link and Group Policy Object. The menu option will differ based on your operating system:
  - **Create and Link a GPO here** (Windows Server 2003)
  - **Create a GPO in this domain, and Link it here...** (Windows Server 2008)
- ii. Provide a name for the Mail Express Add-in Installer object.
- iii. Right click the newly created GPO link, then click **Edit**.
- iv. In the left pane of the new **Group Policy Object Editor**, and then create a new Software Installation object. The menu option will differ based on your operating system:
  - **User Configuration -> Software Settings -> Software installation** (Windows Server 2003)
  - **User Configuration -> Policies -> Software Settings -> Software installation** (Windows Server 2008)
- v. Right-click **Software Installation**, then click **New -> Package**.
- vi. Browse to and click the **MailExpressOutlookAddinInstaller.msi** file.
- vii. Click **Advanced**. The **Properties** dialog box appears.
- viii. On the **Deployment** tab, click **Assigned** and **Install this application at logon**.
- ix. On the **Modifications** tab, click **Add**.
- X. Click the transform file (.mst) that you just created, then click **OK**.

## Add-in Deployment Part 3 – Verify installation of software and Outlook Add-in functionality

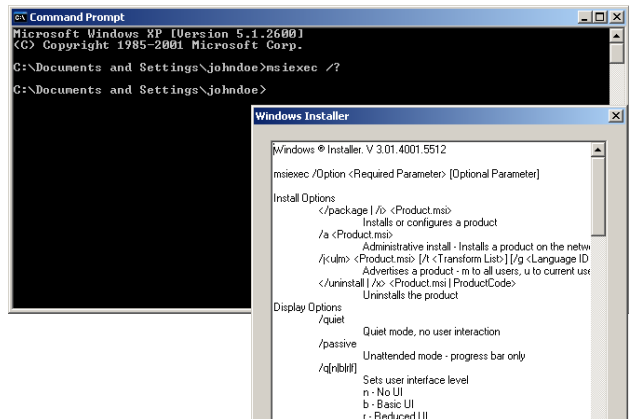
**Step 1:** Logon to the client workstation.

**Step 2:** Check status of prerequisites. (Do this on first deployment to verify successful configuration and installation.)

- i. Open **Add/Remove Programs** to verify that .NET 3.5 SP1, the VSTO Runtime 3.0 SP1 and Office PIAs are installed.



- ii. Open a command prompt and run the **msiexec /?** command to verify the correct version of the Windows installer is installed.



**Step 3:** Check the status of Mail Express Outlook Add-in:

- i. Enable the Mail Express toolbar (**View -> Toolbars -> Mail Express**).
- ii. On the Mail Express toolbar, click **Display Status** to display the connection status between the Outlook Add-in and the Mail Express Server.
- iii. Verify that the connection state is **Connected to Mail Express Server**.

