

## Distributing EmailSMS v2.0

### 1) Requirements

Windows 2000/XP and Outlook 2000, 2002 or 2003,  
Microsoft .NET Framework v1.1.

### 2) .NET Framework V 1.1 Rollout

Microsoft .NET Framework v1.1 needed to run EmailSMS v2.0. If you do not have .NET v1.1 installed then it needs to be rolled out over all the install machines.

It can be downloaded from here:

<http://www.microsoft.com/downloads/details.aspx?FamilyID=262D25E3-F589-4842-8157-034D1E7CF3A3&displaylang=en>

Instructions on how to deploy the .NET Framework v1.1 using Active Directory can be found here:

[http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnnetdep/html/redistdeploy1\\_1.asp](http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnnetdep/html/redistdeploy1_1.asp)

### 3) EmailSMS V 2.0 Rollout

To deploy EmailSMS v2.0 using Active Directory, follow one of the following instructions:

#### **HOW TO: Use Group Policy to Remotely Install Software in Windows Server 2003**

##### **SUMMARY**

This step-by-step article describes how to use Group Policy to automatically distribute programs to client computers or users. You can use Group Policy to distribute computer programs by using the following method:

##### **Publishing Software**

You can publish a program distribution to users. When the user logs on to the computer, the published program is displayed in the **Add or Remove Programs** dialog box, and it can be installed from there.

**Note** Windows Server 2003 Group Policy automated-program installation requires client computers that are running Microsoft Windows 2000 or later.

##### **Create a Distribution Point**

To publish or assign a computer program, you must create a distribution point on the publishing server:

1. Log on to the server computer as an administrator.
2. Create a shared network folder where you will put the Microsoft Windows Installer package (.msi file) that you want to distribute.
3. Set permissions on the share to allow access to the distribution package.
4. Copy or install the package to the distribution point. For example, to distribute Microsoft Office XP, run the administrative installation (setup.exe /a) to copy the files to the distribution point.

##### **Create a Group Policy Object**

To create a Group Policy object (GPO) to use to distribute the software package:

1. Start the Active Directory Users and Computers snap-in. To do this, click **Start**, point to **Administrative Tools**, and then click **Active Directory Users and Computers**.
2. In the console tree, right-click your domain, and then click **Properties**.
3. Click the **Group Policy** tab, and then click **New**.
4. Type a name for this new policy (for example, Office XP distribution), and then press ENTER.
5. Click **Properties**, and then click the **Security** tab.
6. Click to clear the **Apply Group Policy** check box for the security groups that you want to prevent from having this policy applied.
7. Click to select the **Apply Group Policy** check box for the groups that you want this policy to apply to.
8. When you are finished, click **OK**.

### **Publish a Package**

To publish a package to computer users and make it available for installation from the **Add or Remove Programs** tool in **Control Panel**:

1. Start the Active Directory Users and Computers snap-in. To do this, click **Start**, point to **Administrative Tools**, and then click **Active Directory Users and Computers**.
2. In the console tree, right-click your domain, and then click **Properties**.
3. Click the **Group Policy** tab, click the group policy object that you want, and then click **Edit**.
4. Under **User Configuration**, expand **Software Settings**.
5. Right-click **Software installation**, point to **New**, and then click **Package**.

In the **Open** dialog box, type the full UNC path of the shared installer package that you want. For example, `\file server\share\file name.msi`.

6. **Important** Do not use the **Browse** button to access the location. Make sure that you use the UNC path to the shared installer package.
7. Click **Open**.
8. Click **Publish**, and then click **OK**.
9. The package is listed in the right pane of the **Group Policy** window.
10. Close the Group Policy snap-in, click **OK**, and then quit the Active Directory Users and Computers snap-in.

Test the package:

**Note** Because there are several versions of Microsoft Windows, the following steps may be different on your computer. If they are, see your product documentation to complete these steps.

- a. Log on to a workstation that is running Windows 2000 Professional or Windows XP Professional by using an account that you published the package to.
11. b. In Windows XP, click **Start**, and then click **Control Panel**.
- c. Double-click **Add or Remove Programs**, and then click **Add New Programs**.
- d. In the **Add programs from your network** list, click the program that you published, and then click **Add**. The program is installed.
- e. Click **OK**, and then click **Close**.

### **Redeploy a Package**

In some cases you may want to redeploy a software package. For example, if you upgrade or modify the package. To redeploy a package:

1. Start the Active Directory Users and Computers snap-in. To do this, click **Start**, point to **Administrative Tools**, and then click **Active Directory Users and Computers**.
  2. In the console tree, right-click your domain, and then click **Properties**.
  3. Click the **Group Policy** tab, click the Group Policy object that you used to deploy the package, and then click **Edit**.
  4. Expand the **Software Settings** container that contains the software installation item that you used to deploy the package.
  5. Click the software installation container that contains the package.
- In the right pane of the **Group Policy** window, right-click the program, point to **All Tasks**, and then click **Redeploy application**. You will receive the following message:
6. Redeploying this application will reinstall the application everywhere it is already installed. Do you want to continue?
  7. Click **Yes**.
  8. Quit the Group Policy snap-in, click **OK**, and then quit the Active Directory Users and Computers snap-in.

### **Remove a Package**

To remove a published or assigned package:

1. Start the Active Directory Users and Computers snap-in. To do this, click **Start**, point to **Administrative Tools**, and then click **Active Directory Users and Computers**.
2. In the console tree, right-click your domain, and then click **Properties**.
3. Click the **Group Policy** tab, click the Group Policy object that you used to deploy the package, and then click **Edit**.
4. Expand the **Software Settings** container that contains the software installation item that you used to deploy the package.
5. Click the software installation container that contains the package.
6. In the right pane of the **Group Policy** window, right-click the program, point to **All Tasks**, and then click **Remove**.  
Do one of the following:
  - Click **Immediately uninstall the software from users and computers**, and then click **OK**.
  - 7. • Click **Allow users to continue to use the software but prevent new installations**, and then click **OK**.
8. Quit the Group Policy snap-in, click **OK**, and then quit the Active Directory Users and Computers snap-in.

**Full Document available at:** <http://support.microsoft.com/default.aspx?scid=kb;en-us;816102>

## HOW TO: Use Group Policy to Remotely Install Software in Windows 2000

### SUMMARY

This step-by-step article describes how to use Group Policy to automatically distribute programs to client computers or users.

You can use Group Policy to distribute computer programs by using the following methods.

#### ***Publishing Software***

You can publish a program distribution to users. When the user logs on to the computer, the published program is displayed in the **Add/Remove Programs** dialog box, and it can be installed from there.

**NOTE:** Microsoft Windows 2000 Group Policy automated-program installation requires client computers that are running Windows 2000 or later.

#### ***Create a Distribution Point***

To publish or assign a computer program, you must create a distribution point on the publishing server:

1. Log on to the server computer as an administrator.
2. Create a shared network folder in which to place the Microsoft Software Installer (MSI) package that you want to distribute.
3. Set permissions on the share to allow access to the distribution package.
4. Copy or install the MSI package to the distribution point. For example, to distribute Microsoft Office XP, run the administrative installation (setup.exe /a) to copy the files to the distribution point.

#### ***Create a Group Policy Object***

To create a Group Policy object (GPO) with which to distribute the software package:

1. Start the Active Directory Users and Computers snap-in. To do this, click **Start**, point to **Programs**, point to **Administrative Tools**, and then click **Active Directory Users and Computers**.
2. In the console tree, right-click your domain, and then click **Properties**.
3. Click the **Group Policy** tab, and then click **New**.
4. Type the name that you want to call this policy (for example, Office XP distribution), and then press ENTER.
5. Click **Properties**, and then click the **Security** tab.

Click to clear the **Apply Group Policy** check box for the security groups that you want to prevent from having this policy applied. Click to select the **Apply Group Policy** check box for the groups to which you want to apply this policy. When you are finished, click **OK**.

### **Publish a Package**

To publish a package to computer users and make it available for installation from the Add/Remove Programs tool in Control Panel:

1. Start the Active Directory Users and Computers snap-in. To do this, click **Start**, point to **Programs**, point to **Administrative Tools**, and then click **Active Directory Users and Computers**.
2. In the console tree, right-click your domain, and then click **Properties**.
3. Click the **Group Policy** tab, select the group policy object that you want, and then click **Edit**.
4. Under **User Configuration**, expand **Software Settings**.
5. Right-click **Software installation**, point to **New**, and then click **Package**.  
In the **Open** dialog box, type the full UNC path to the shared folder that contains the MSI package that you want. For example, `\file server\share\file name.msi`.
6. **IMPORTANT:** Do not browse to the location. Ensure that you use the UNC path to the shared folder.
7. Click **Open**.
8. Click **Published**, and then click **OK**. The package is listed in the right pane of the Group Policy window.
9. Close the Group Policy snap-in, click **OK**, and then quit the Active Directory Users and Computers snap-in.

Test the package:

- a. Log on to a workstation that is running Windows 2000 Professional or Windows XP Professional by using an account to which you published the package.
- b. Click **Start**, point to **Settings**, and then click **Control Panel**. In Windows XP, click **Start**, and then click **Control Panel**.
10. c. Double-click **Add/Remove Programs** or click **Add or Remove Programs**, and then click **Add New Programs**.
- d. In the **Add programs from your network** list, click the program that you published, and then click **Add**. The program is installed.
- e. Click **OK**, and then click **Close**.

### **R redeploy a Package**

In some cases you may want to redeploy a software package. For example, if you upgrade or modify the package. To redeploy a package:

1. Start the Active Directory Users and Computers snap-in. To do this, click **Start**, point to **Programs**, point to **Administrative Tools**, and then click **Active Directory Users and Computers**.
2. In the console tree, right-click your domain, and then click **Properties**.
3. Click the **Group Policy** tab, click the group policy object with which you deployed the package, and then click **Edit**.
4. Expand the **Software Settings** container that contains the **Software installation** item with which you deployed the package.
5. Click the **Software installation** container that contains the package.  
In the right pane of the **Group Policy** window, right-click the program, point to **All Tasks**, and then click **Redeploy application**. The following message is displayed:
6. Redeploying this application will reinstall the application everywhere it is already installed. Do you want to continue?
7. Click **Yes**.
8. Quit the Group Policy snap-in, click **OK**, and then quit the Active Directory Users and Computers snap-in.

### **Remove a Package**

To remove a published or assigned package:

1. Start the Active Directory Users and Computers snap-in. To do this, click **Start**, point to **Programs**, point to **Administrative Tools**, and then click **Active Directory Users and Computers**.
2. In the console tree, right-click your domain, and then click **Properties**.
3. Click the **Group Policy** tab, click the group policy object with which you deployed the package, and then click **Edit**.
4. Expand the **Software Settings** container that contains the **Software installation** item with which you deployed the package.
5. Click the **Software installation** container that contains the package.
6. In the right pane of the **Group Policy** window, right-click the program, point to **All Tasks**, and then click **Remove**.  
Do one of the following:
  - Click **Immediately uninstall the software from users and computers**, and then click **OK**.
  - Click **Allow users to continue to use the software, but prevent new installations**, and then click **OK**.
8. Quit the Group Policy snap-in, click **OK**, and then quit the Active Directory Users and Computers snap-in.

Full Document available at: <http://support.microsoft.com/kb/314934>