Re-creating the Factelligence Middleware COM+ Application when the Server Name is Changed

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Introduction

This *Tech Note* guides you through the process of re-creating the Factelligence Middleware COM+ application when the Server name is changed.

Application Versions

- Wonderware® Factelligence 3.4

- Microsoft® Windows Server 2003 and later

Procedure

You will need to go to Component Services and delete/re-create the Factelligence COM+ application. You must create the application, then install the Factelligence COM+ components.

To create a new Factelligence COM+ application

1. Open the Component Services window using **Administrative Tools/Component Services**.
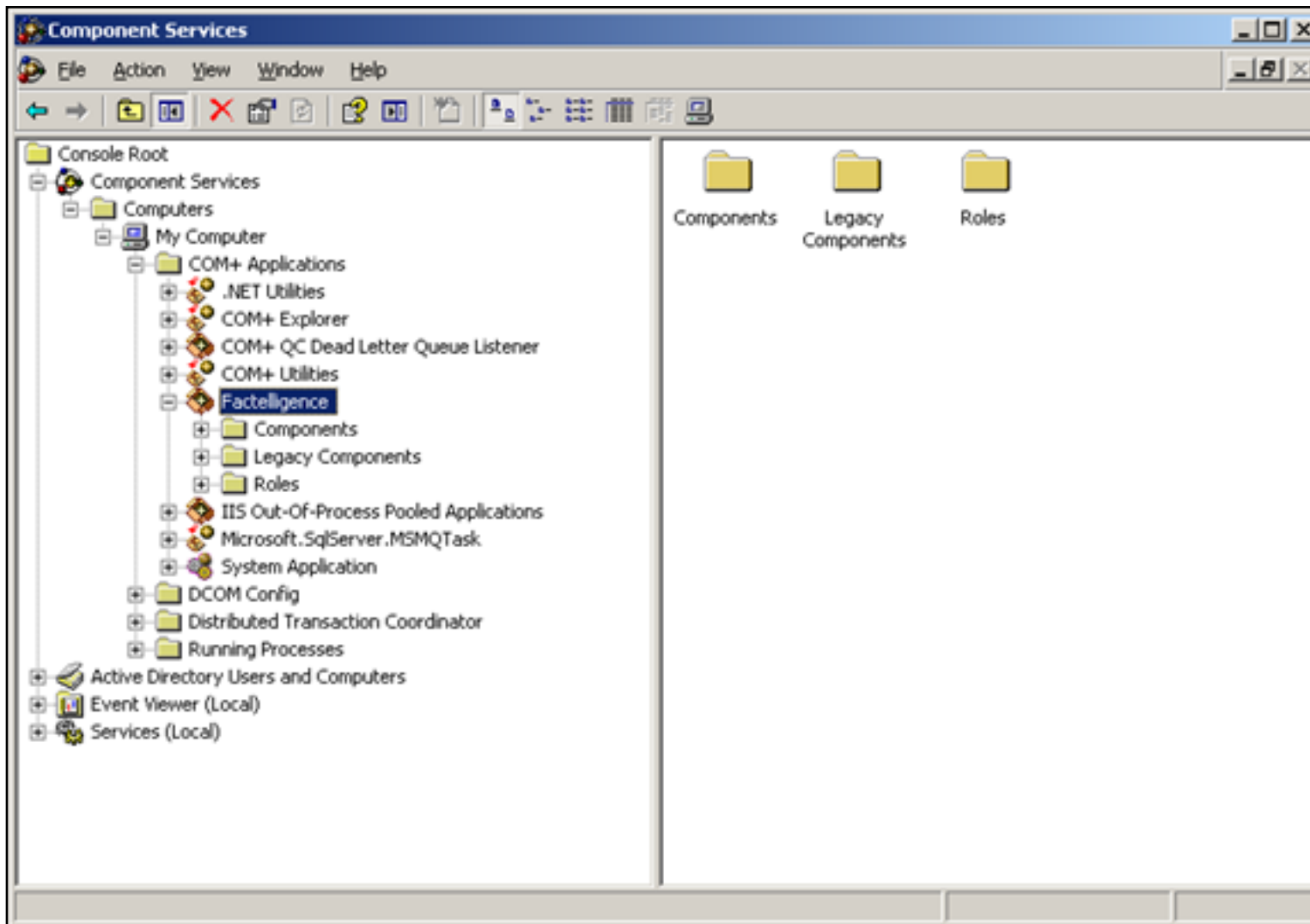
2. Delete the existing **Factelligence** COM+ application.

Figure 1: Delete the Existing Factelligence COM+ Application
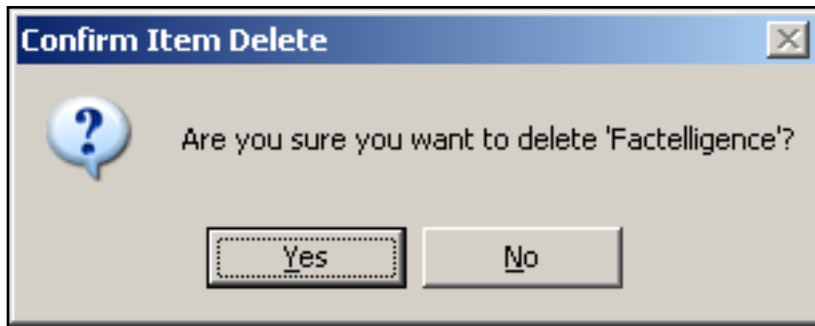
3. Click **Yes** to confirm the deletion.

Figure 2: Confirm the Deletion

4. In Component Services right-click **COM+ Application** and select **New/Application**. The **COM+ Application Install Wizard** appears.
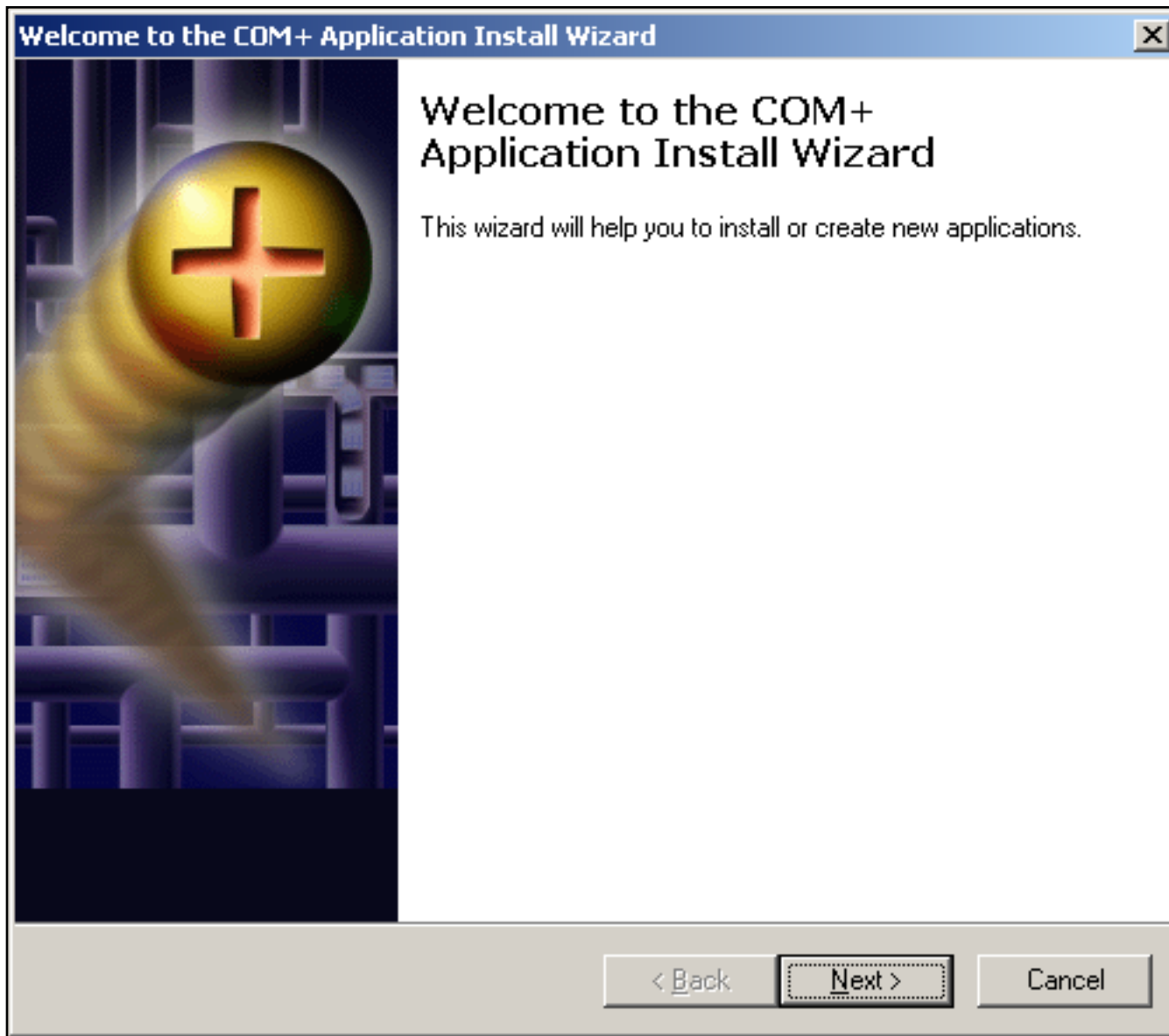
Figure 3: COM+ Application Install Wizard

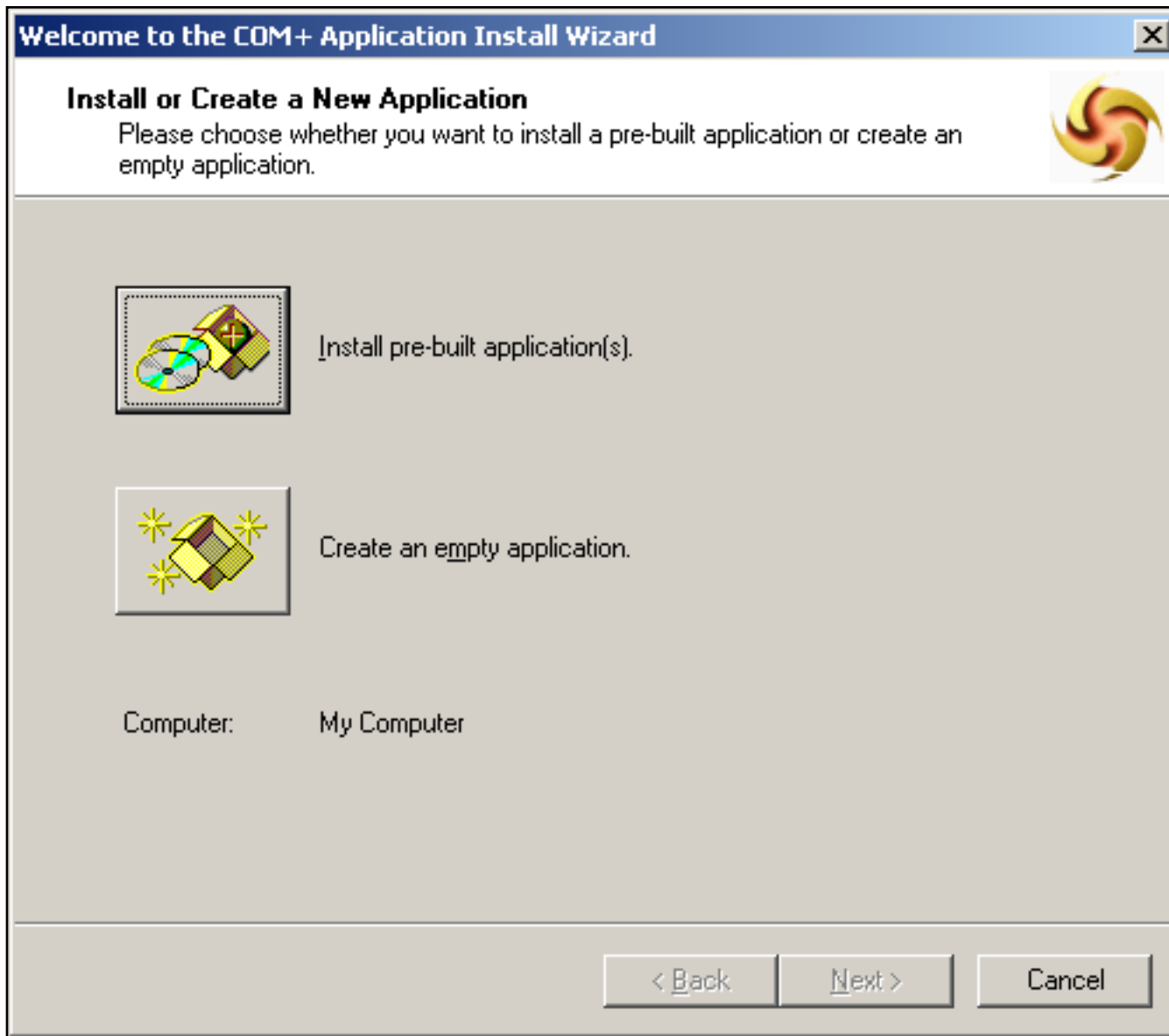5. Click next and select **Create an empty application**.

Figure 4: Create an Empty Application

6. Click **Next**.

7. Type **Factelligence** as the application name, and select the **Server application** option.
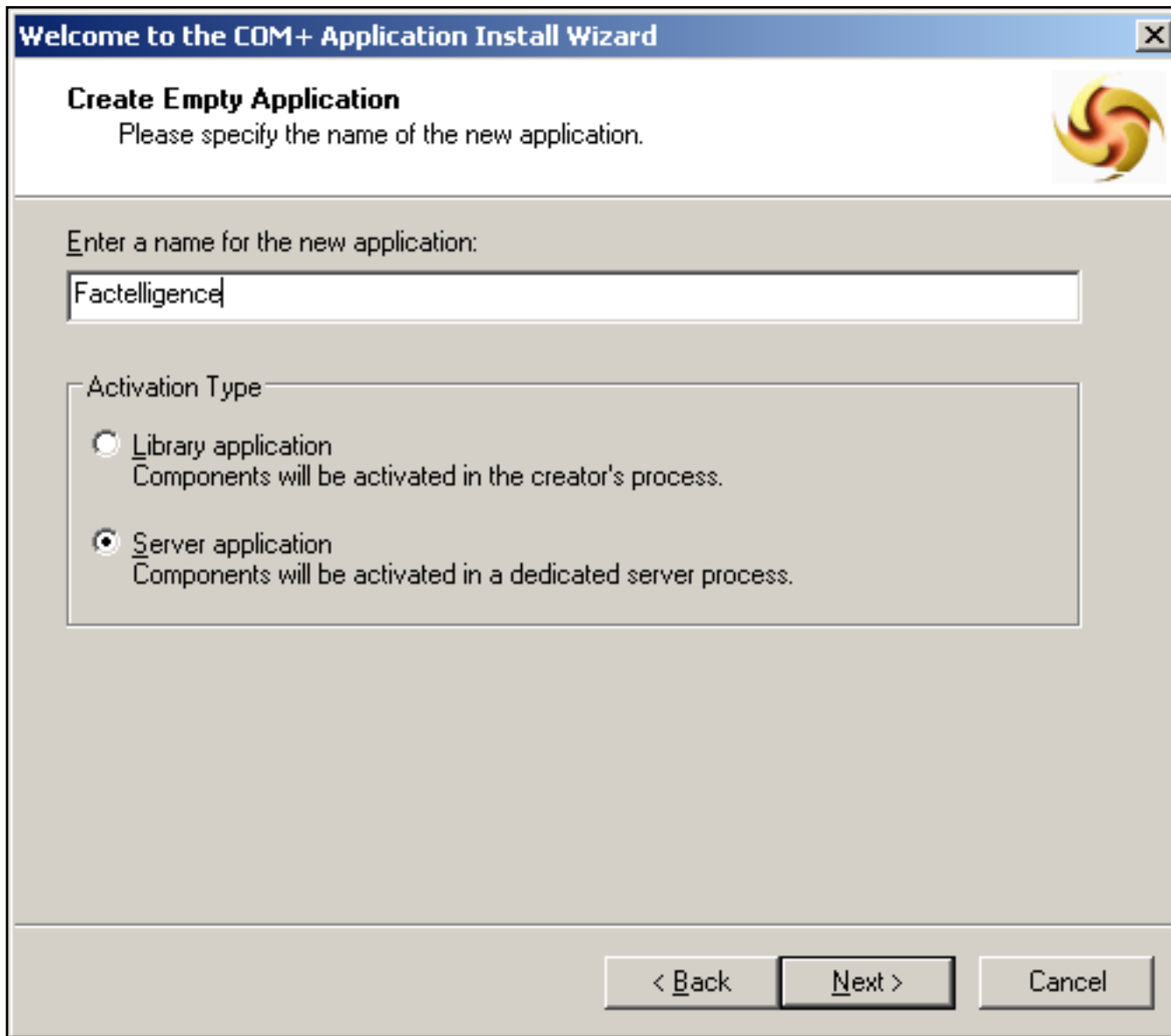
Figure 5: Name the Server Application

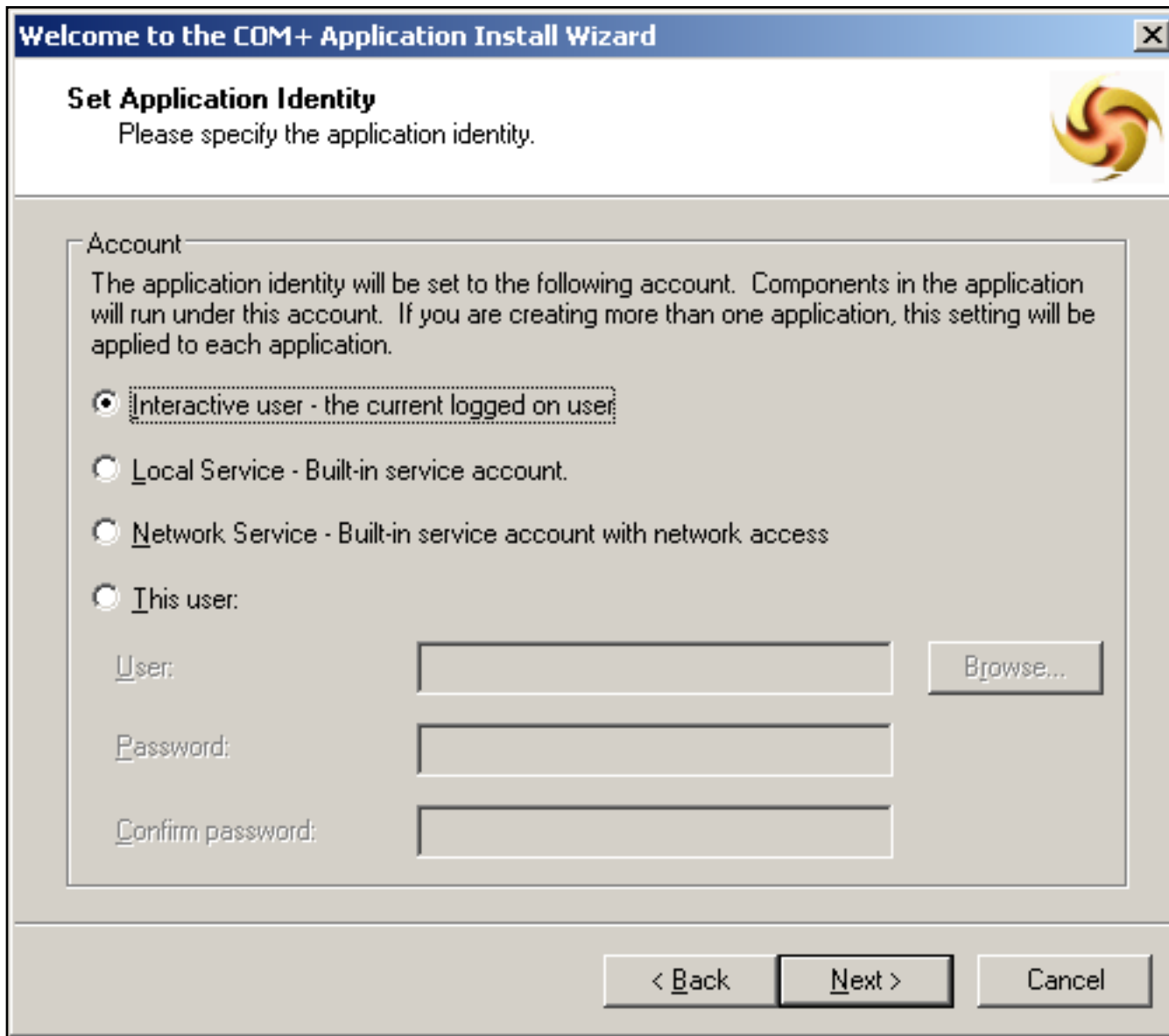8. Click **Next**. The **Set Application Identity** wizard appears.

Figure 6: Server Application Account Identity

9. Select **Interactive user - the current logged on user** or the appropriate option.

10. Click **Next**. The **Add Application Roles** wizard appears. The **CreatorOwner** role appears by default.
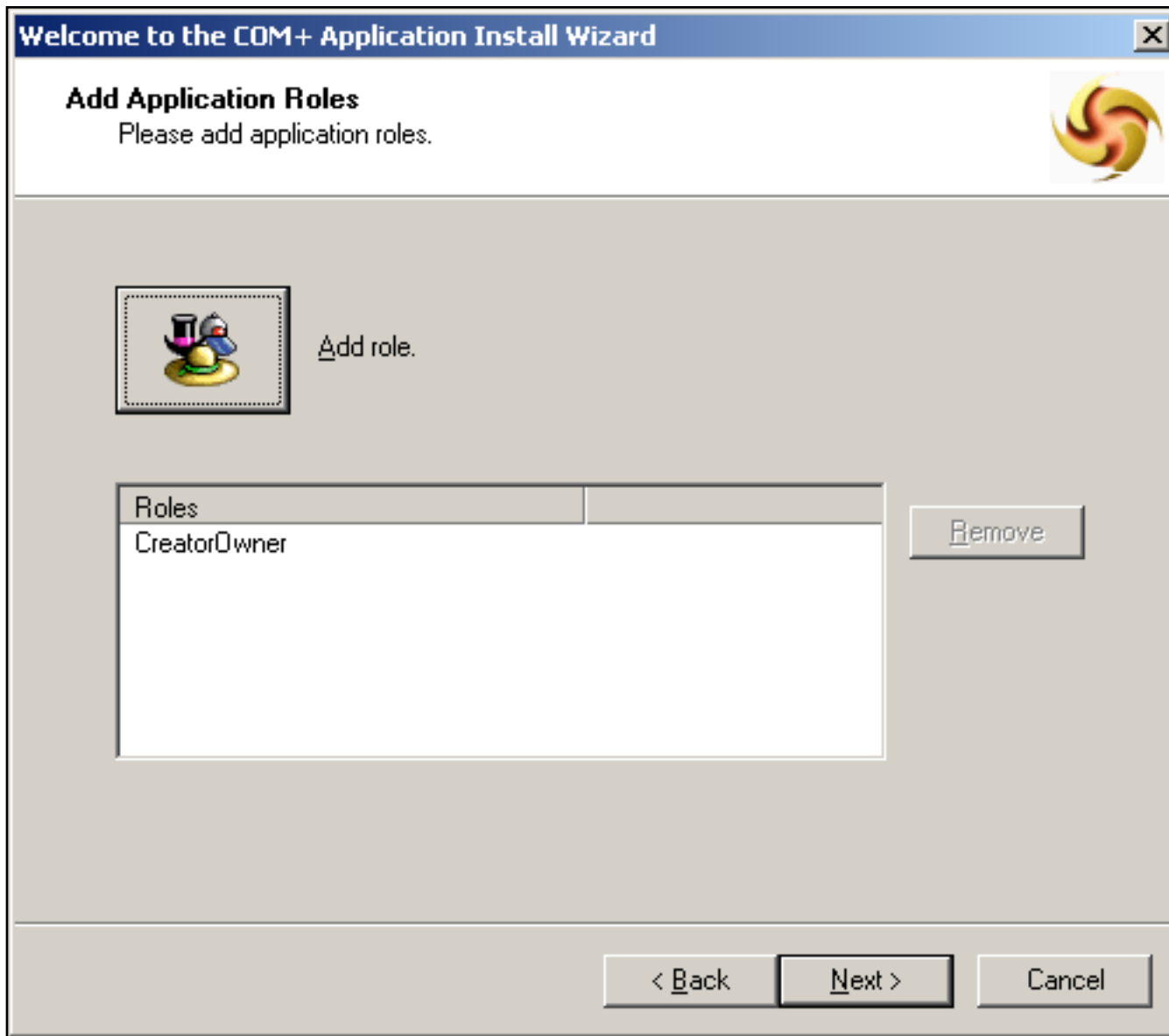
Figure 7: Add Application Role Wizard

11. Click **Add role** to add a different role, or click **Next**.

12. Click **Next**, then **Finish**.

To install the Factelligence COM+ components

1. In the Component Services window, expand the **COM+ Applications** folder and locate the Factelligence application that you created.

2. Expand the **Factelligence** folder.

3. Right-click the **Components** sub-directory and select **New Component**.

Figure 8: New COM+ Component Install Wizard

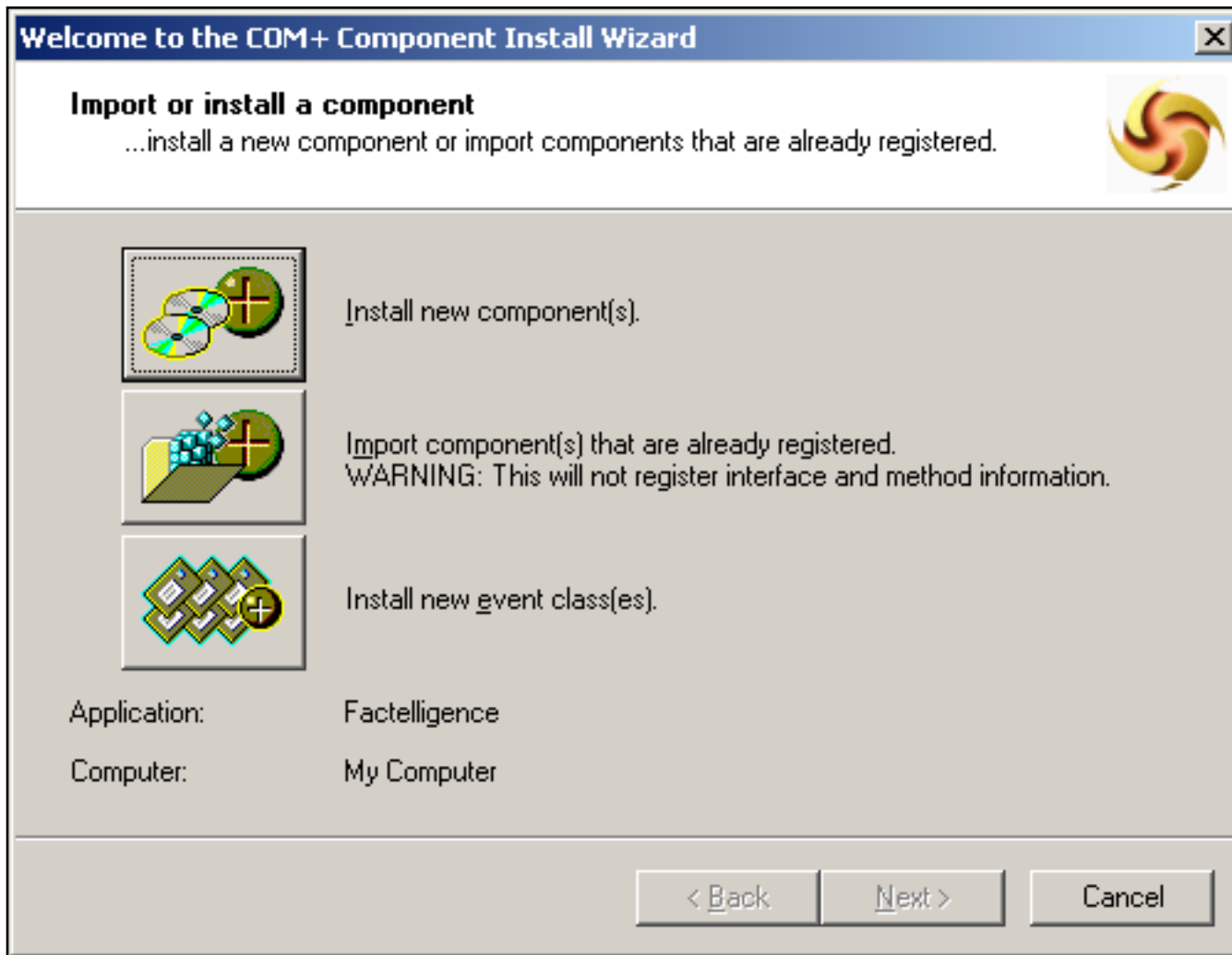4. Click **Next** and click **Install new component(s)**.

Figure 9: Install New Component(s)

5. Locate the **Middleware** directory and select all the .dlls using the **Ctrl+A** keys (Figure 10 below). The Middleware directory default location is **C:\Program Files\wonderware\Factelligence\Middleware**.
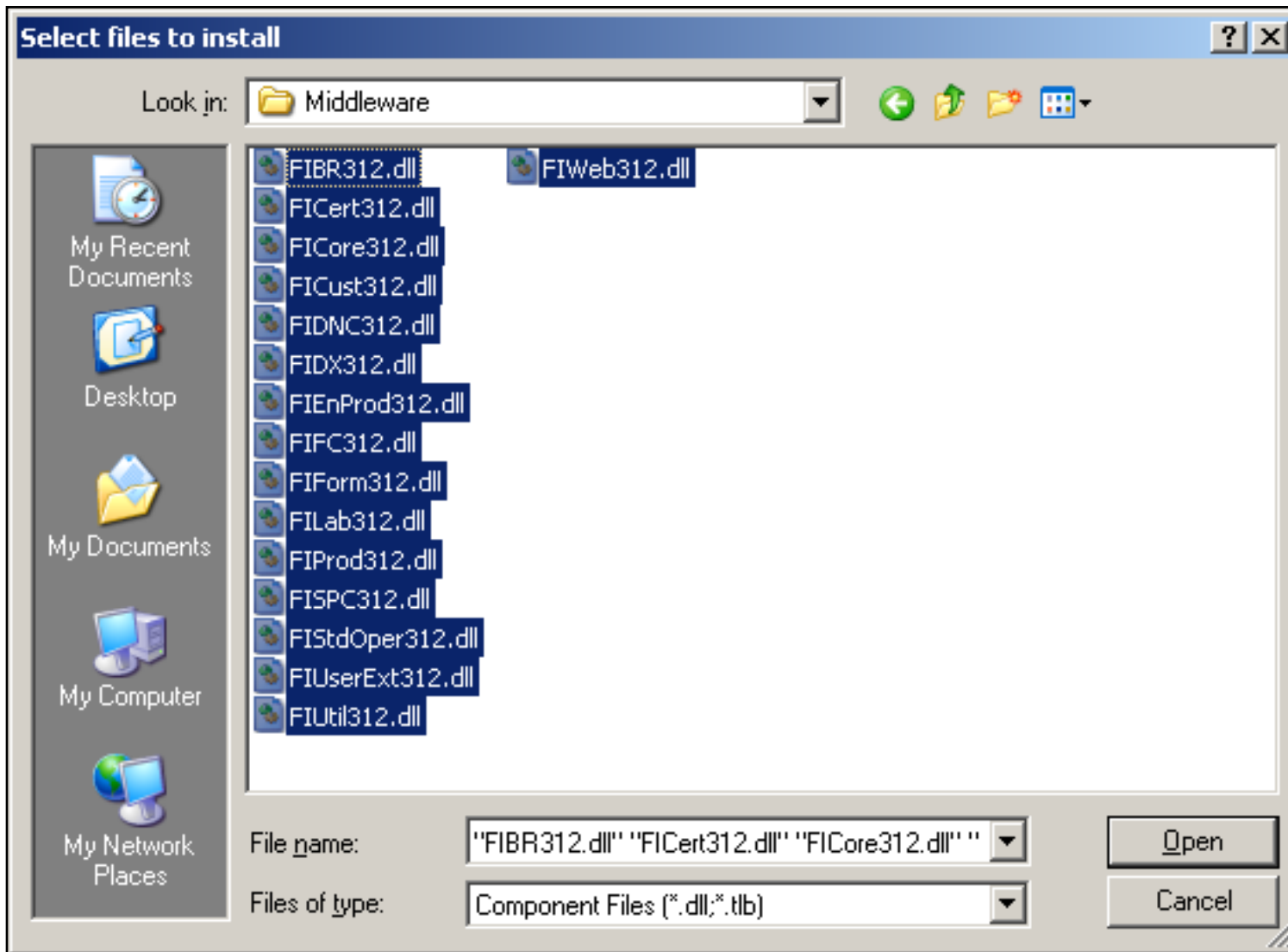
6. Click **Open**.

Figure 10: Select All Middleware .dlls

7. When the **Install new components** wizard appears, click **Next**, then **Finish**.
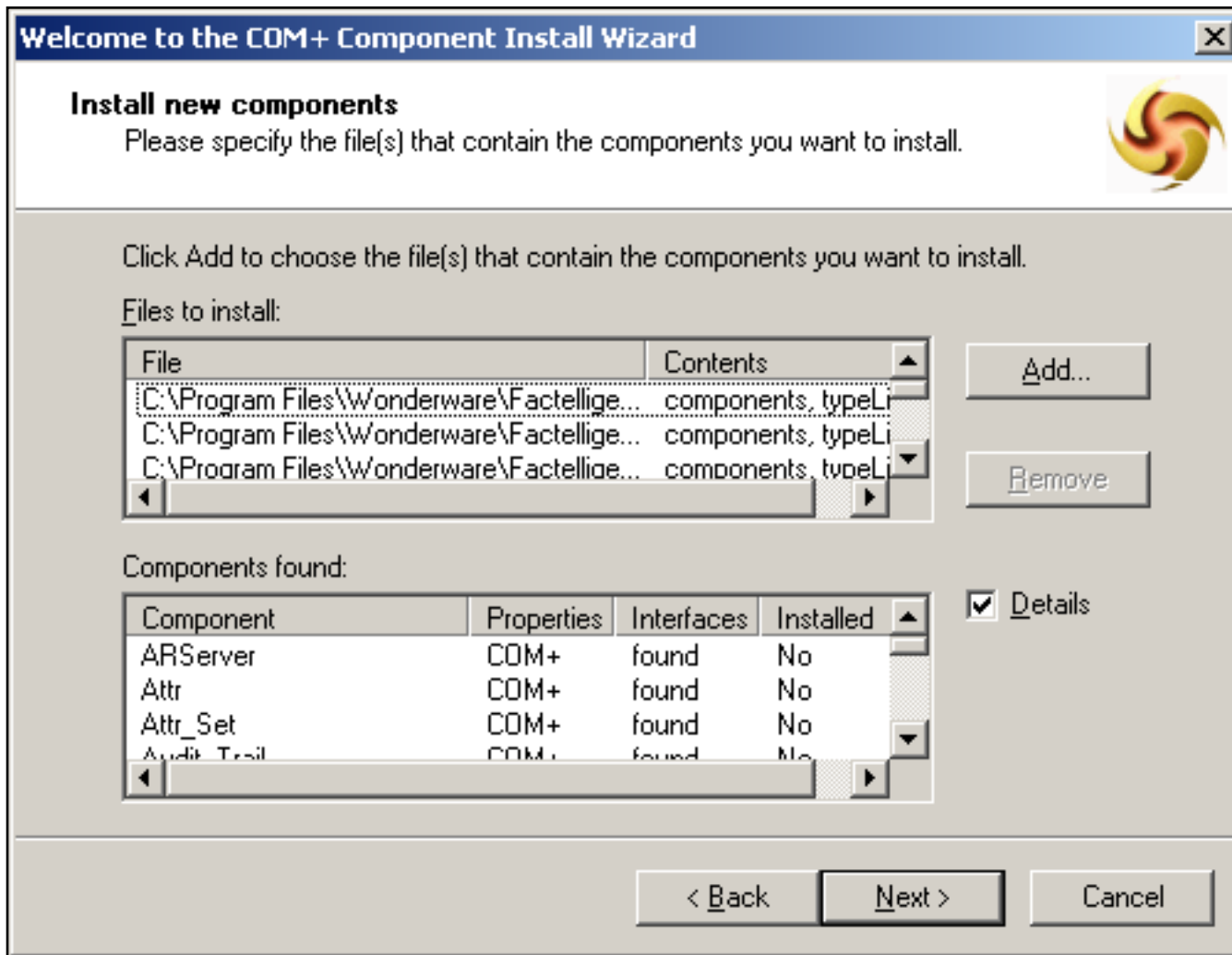
Figure 11: Install New Components Wizard

8. Wait several minutes for the components to be registered.

9. In the Middleware directory, double-click the **FactelligenceCFGEditor.exe** and provide the correct SQL Server network name and login permissions.

   • You must provide Adminstrator-level permissions.
   • The SQL Server is usually deployed on a different node. If it is on the same machine, you can provide **localhost** as the machine name.
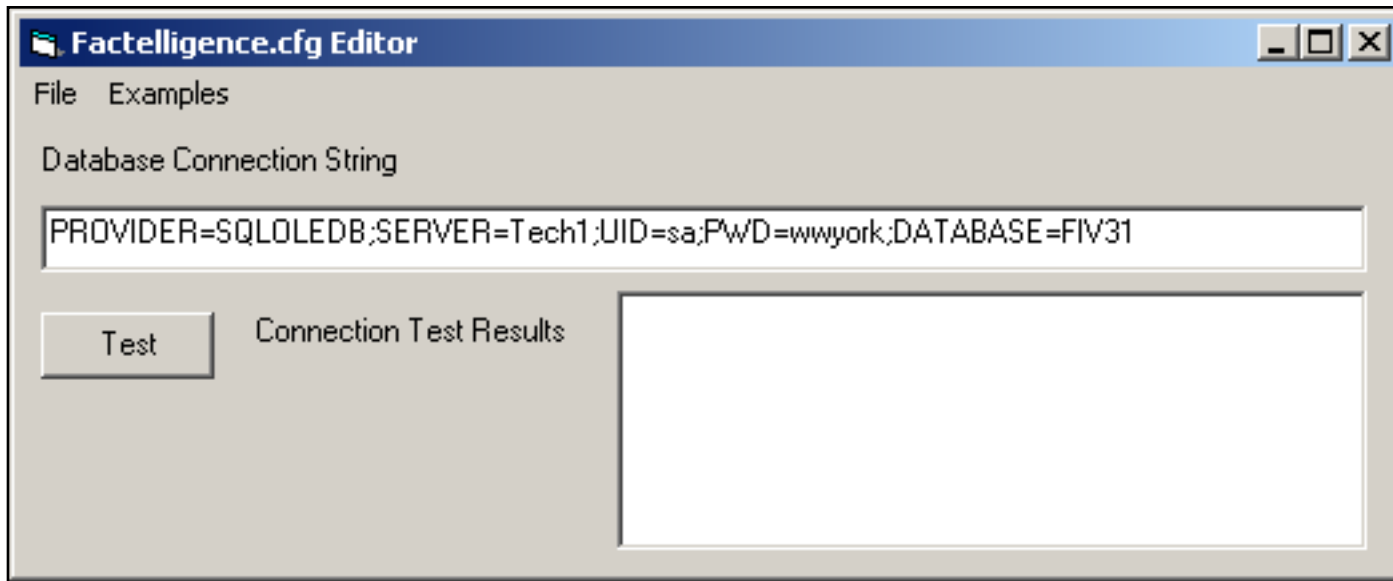   • You can click **Test** to confirm the connection.

Figure 12: Factelligence CFG Editor

10. Close the CFG Editor by clicking the **X** at the upper-right.

11. Using the Computer Management window, locate the local **Groups** and confirm the **DistributedCOM Users** group has the permissions shown in Figure 13 (below).
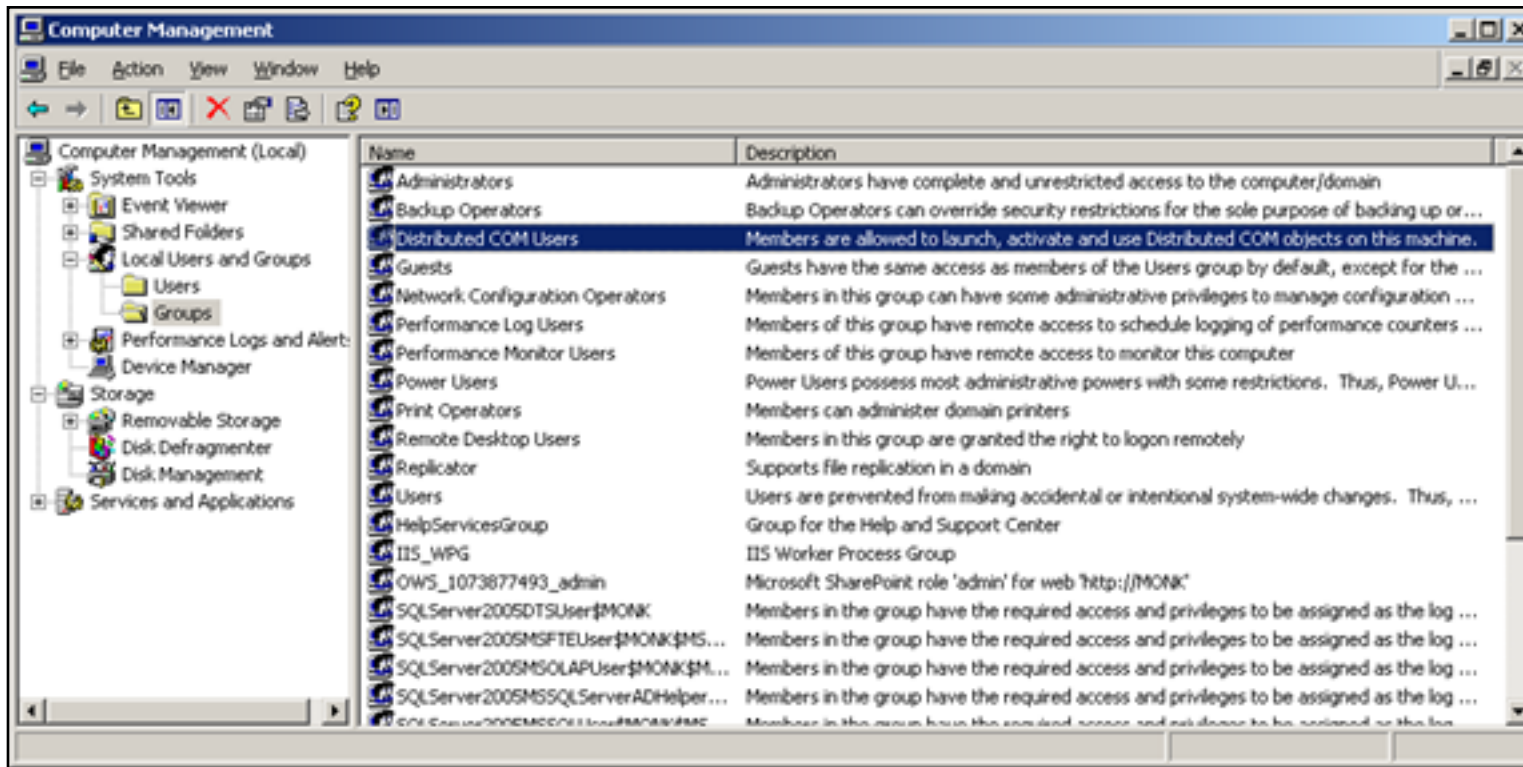
Figure 13: DistributedCOM Users Group Permissions

J. Godfrey

For technical support questions, send an e-mail to **support@wonderware.com**.

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