Tech Note 772
Disabling UAC for Wonderware® Product Support on Windows 2008 Server R2 – 64 bit

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Introduction

User Account Control (UAC) is a new security component for Windows Server 2008.

UAC enables users to perform common tasks as Non-Administrators, who were called Standard Users in Windows 2000. Non-Administrators can also perform common tasks as Administrators without having to switch users, log off, or use Run As. A Standard User account in Windows 2000 is synonymous with a User Account in Windows XP. User accounts who are members of the *local* Administrators group will run most applications as a Standard User.

This *Tech Note* applies ONLY to Windows Server 2008 R2 (64 bit). The following information describes disabling the Windows 2008 R2 User Account Control (UAC) in order to allow Wonderware® Products to operate correctly.

> **Note:** Disabling UAC for Windows 2008 SP2 is covered in **Tech Note 733 Disable UAC on Windows Server 2008 SP2**.

Application Versions

- All Wonderware Products

- Windows Server 2008 R2 (64 bit)

- Windows 7

Issues

There are many problems associated with running Wonderware Products in Windows 2008 R2 with the User Account Control (UAC) enabled. The problems include but are not limited to

- Deployment failure to a remote node.

- Unable to see the remote node in the SMC.

You must disable the User Account Control (UAC) on Windows Server 2008 R2 when running any Wonderware Product.

Solution

You can disable User Account Control by doing any of the following:

- **Disable the UAC from the Control Panel**

- **Disable UAC Using the Command Prompt**

- **Disabling UAC Using the Registry Editor**

Note: The following instructions describe *disabling* the user account, not adding or removing it. All the following steps assume that UAC is enabled.

Disable the UAC From the Control Panel

to disable the UAC from the Windows Control Panel

1. Click **Start > Control Panel**.
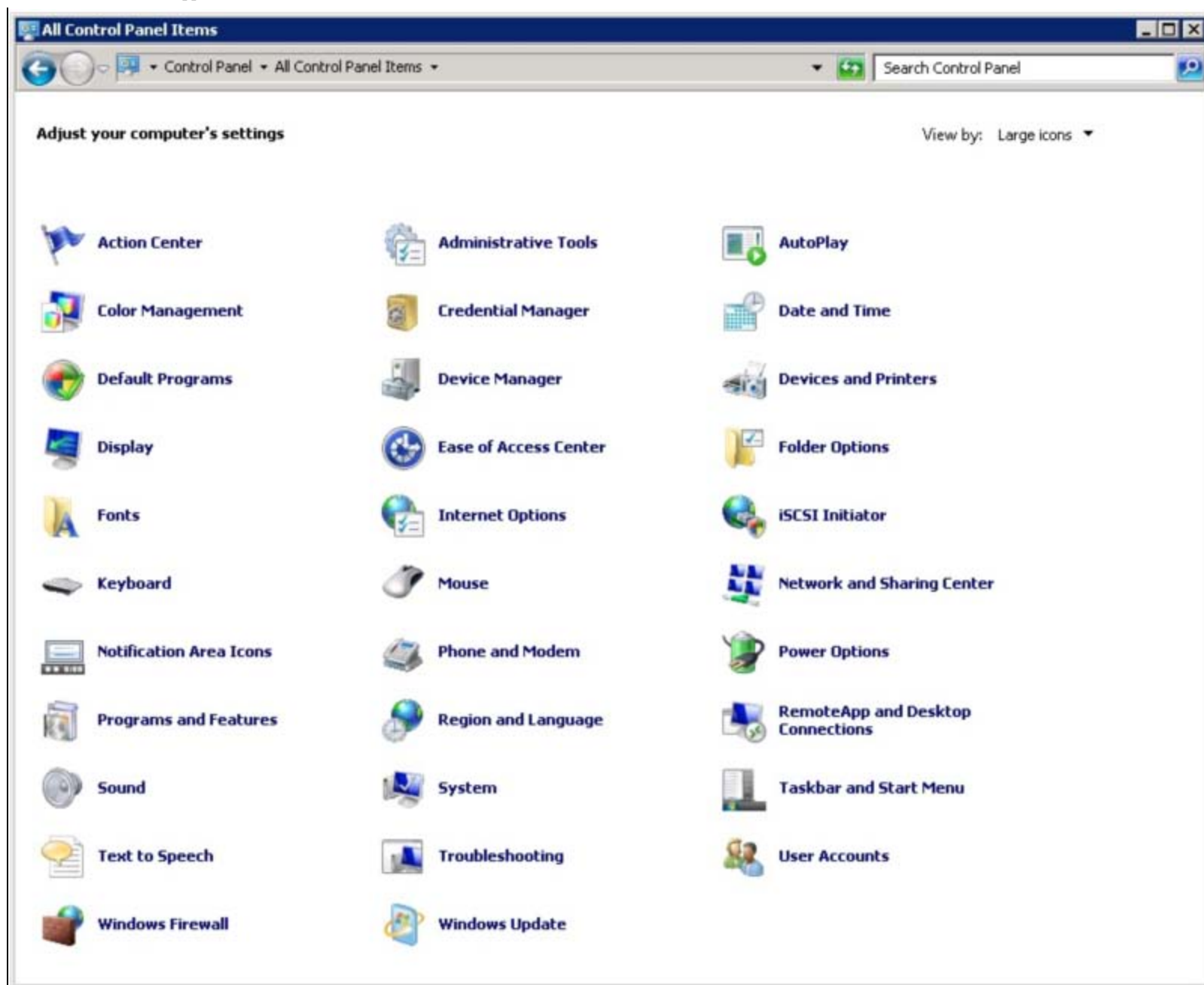
FIGURE 1: WINDOWS 2008 SERVER CONTROL PANEL

2. Click **User Accounts**.

3. In the User Accounts tasks window, click **Change User Account Control settings**.
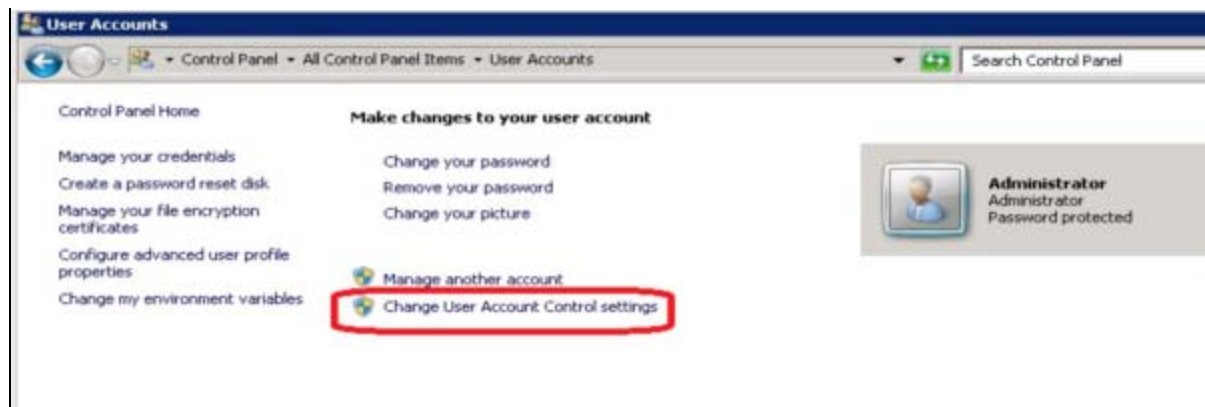
FIGURE 2: CHANGE USER ACCOUNT CONTROL SETTINGS

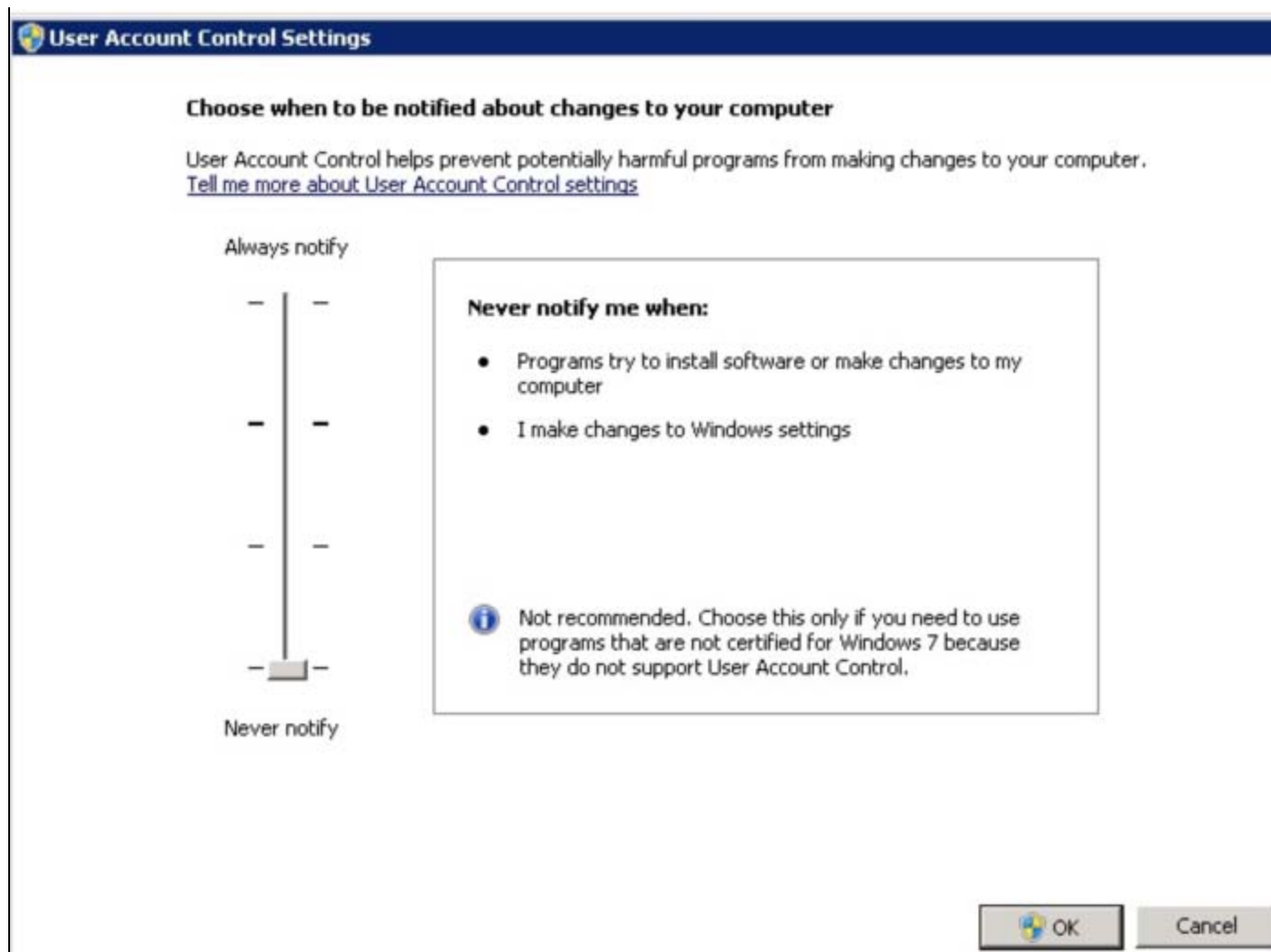4. Move the slider button to the bottom of the scale, where it says **Never notify**.

FIGURE 4: NEVER NOTIFY

5. Click **OK** and reboot your computer.

Disabling UAC Using the Command Prompt

To disable the UAC using the Command Prompt

1. Open the Command Prompt window.

2. Type **msconfig** and press **Enter**.

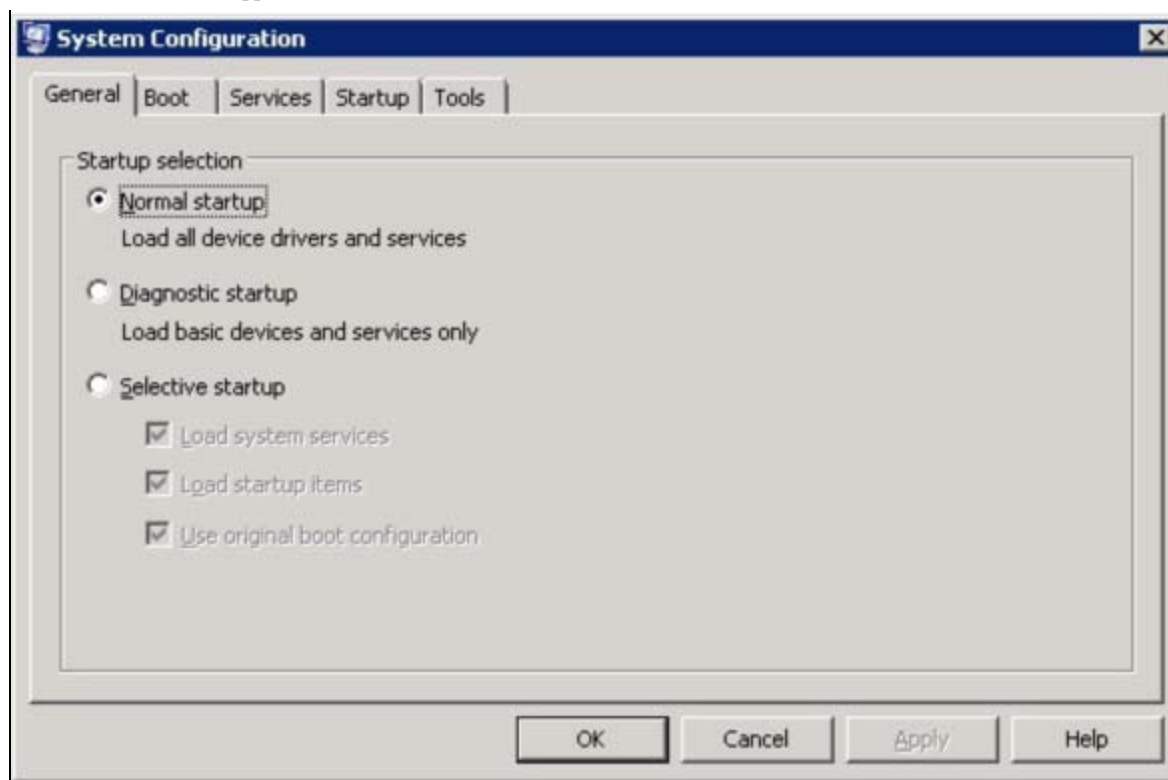3. The **System Configuration** dialog box appears.

FIGURE 5: SYSTEM CONFIGURATION OPTIONS WINDOW

4. Click the **Tools** tab and select **Change UAC Settings**.
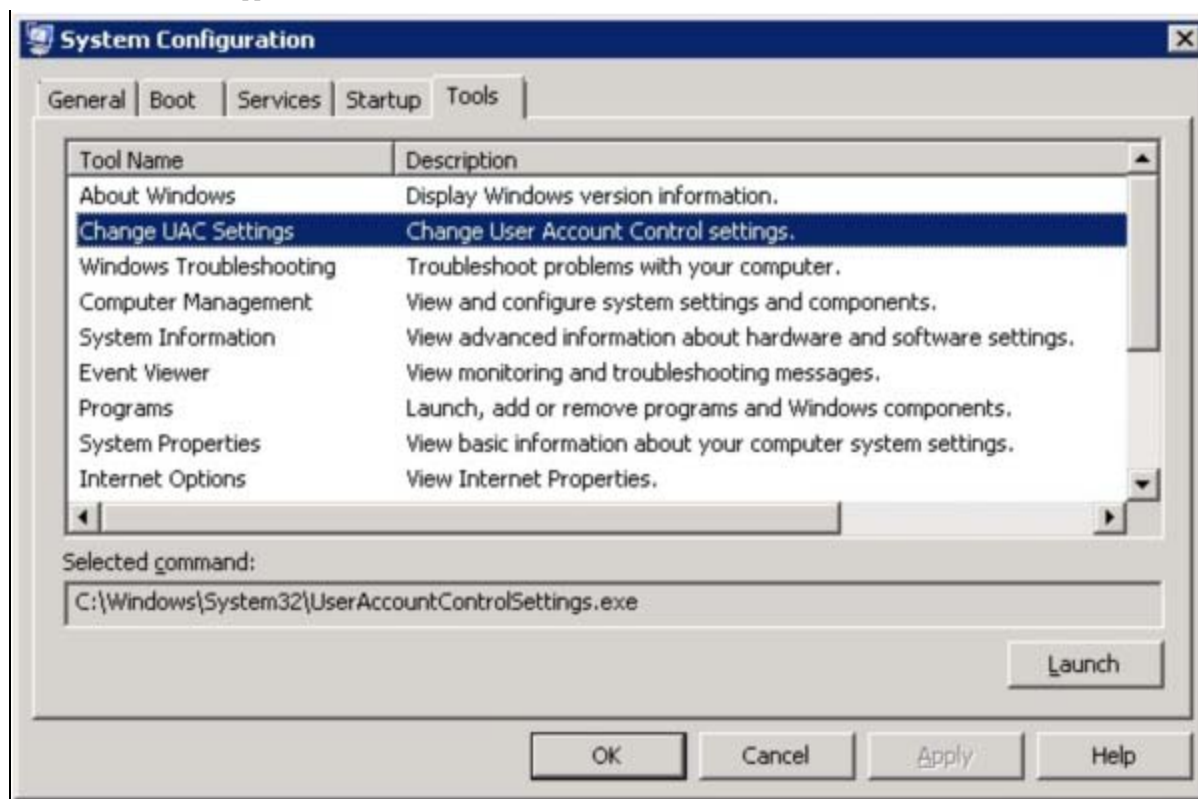
FIGURE 6: SYSTEM CONFIGURATION > TOOLS > CHANGE UAC SETTINGS

5. Click **Launch**.

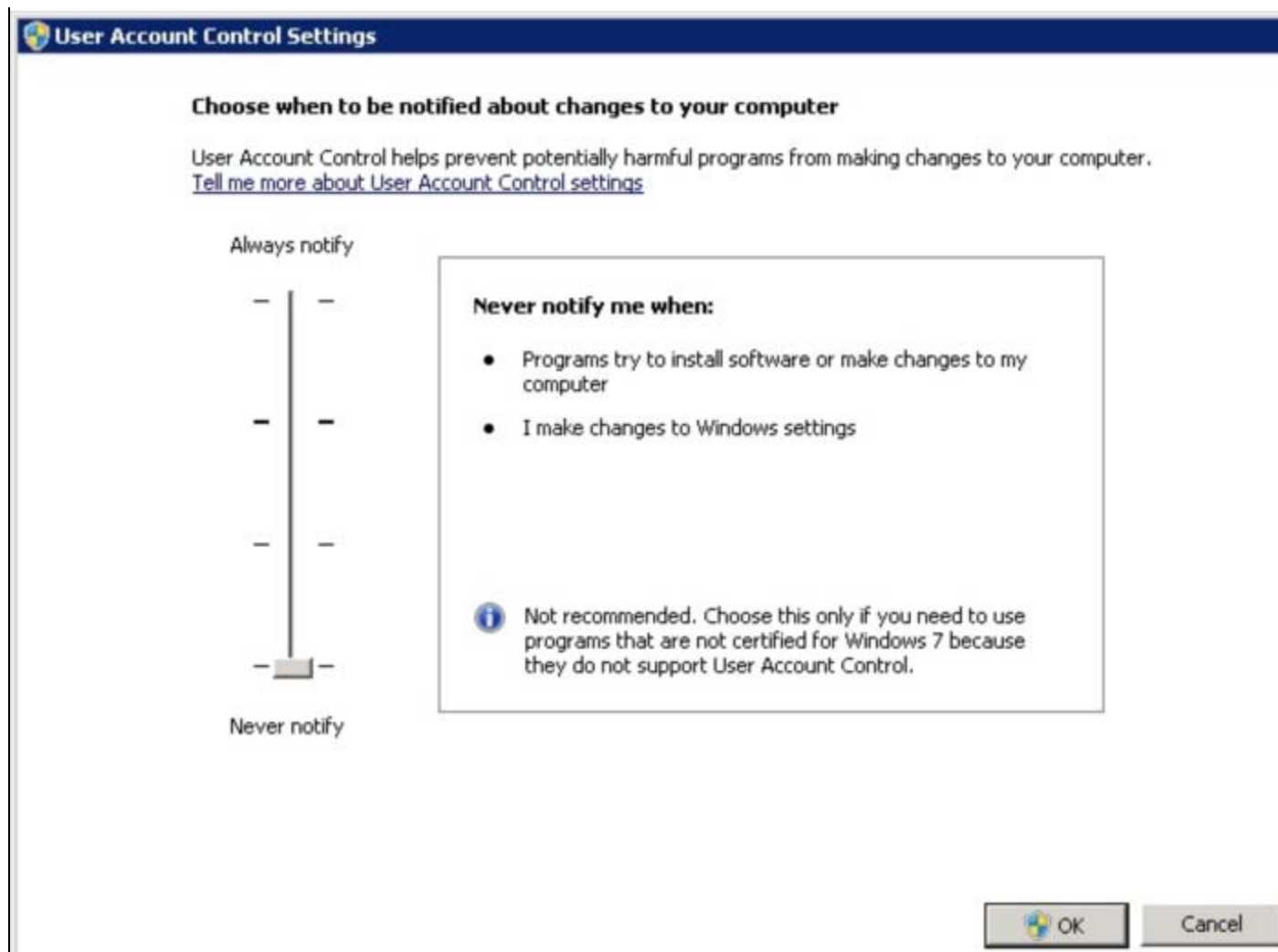6. Move the slider button to the bottom of the scale, where it says **Never notify**.

FIGURE 7: NEVER NOTIFY

7. Click **OK** and reboot your computer.

Note: All the above tasks require a reboot after UAC has been disabled. For details about other Wonderware product support on the Windows Server 2008 system, refer to the Wonderware products' Readme files.

Disabling the UAC Using the Registry Editor

The following steps also apply to the Windows 7 Operating System.

1. Click **Start** and type **regedit** in the **Search** field.

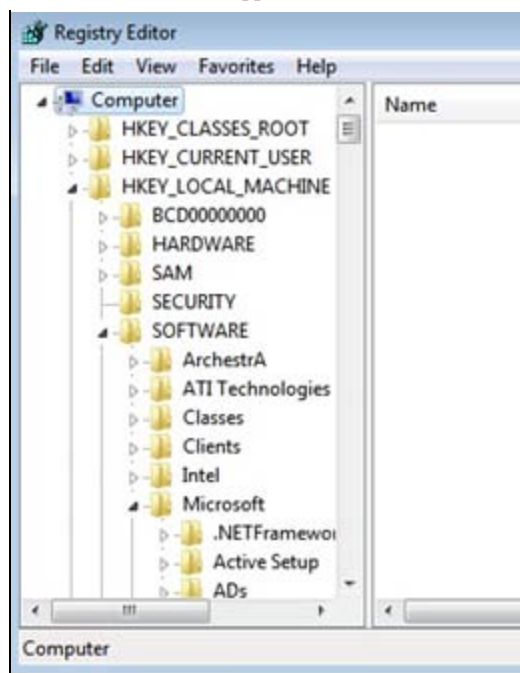2. Press **Enter** to open the **Registry Editor** window.

FIGURE 8: REGISTRY EDITOR

3. Browse to the following registry entry key:

   HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Policies\System
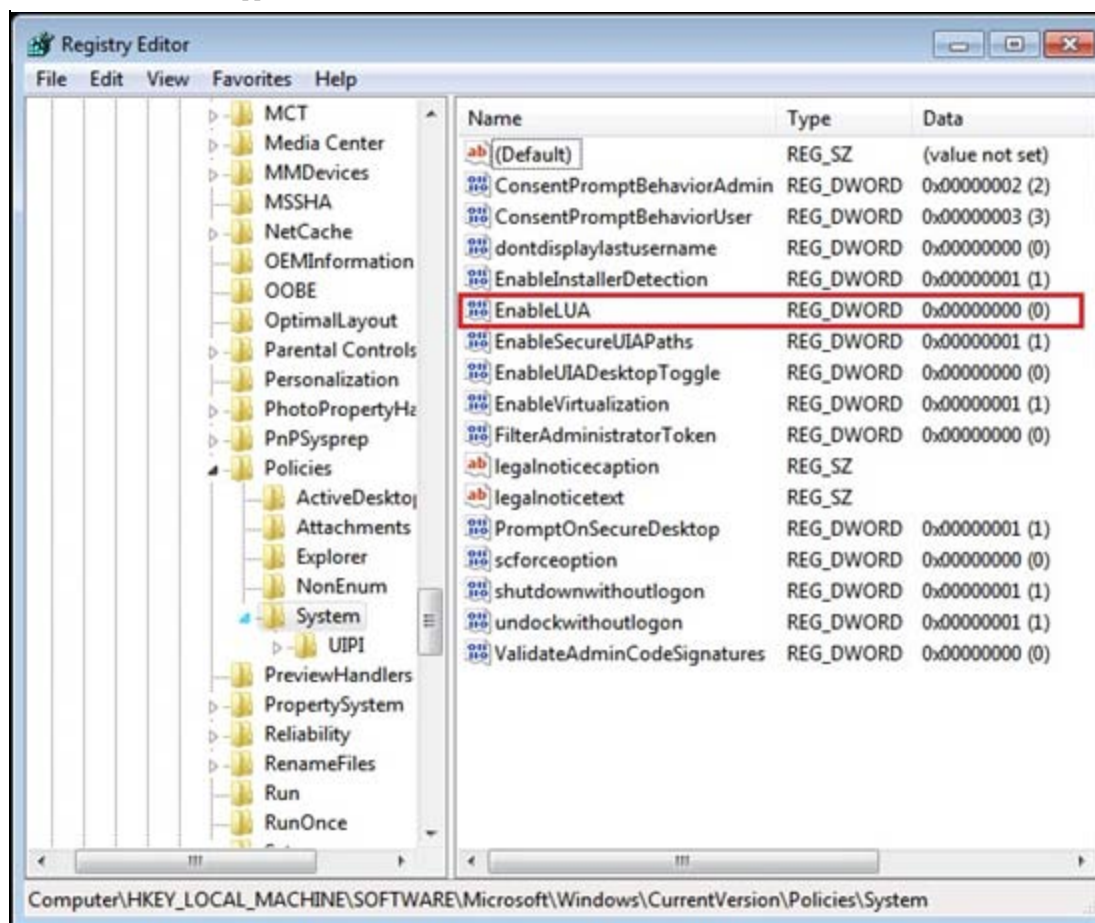
FIGURE 9: ENABLELUA REGISTRY SETTING

4. Set the **EnableLUA** value to **0**.

5. Reboot the computer.

References

- **Tech Alert 97 Windows® Vista Support: Disable User Account Control (UAC) Before Installing Wonderware Products**

- **Tech Note 733 Disable UAC on Windows Server 2008 SP2**

- **Microsoft TechNet Library**
  - **http://technet.microsoft.com/en-us/library/cc709691(WS.10).aspx**

  - **http://technet.microsoft.com/en-us/library/ff715520(WS.10).aspx**

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