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Technical Bulletin

Configuring Kodak Workflow Servers for Windows Updates

Overview

The way that Microsoft® Windows® critical and security updates are managed on Kodak® Prinergy®, Kodak Prinergy Evo™, and Kodak NewsManager™ workflow systems is changing. On July 10, 2007, Microsoft is discontinuing support for one of the two update servers that Kodak uses to distribute critical updates. Many workflow servers in the Kodak install base will require a minor update to enable them to change to the other update server.

This document describes how the different update methods work, and how to change the update method using the **Prinergy WSUS Configuration Tool** software utility, which is available from the Kodak eCentral® Internet portal. You can run the utility yourself, or your service representative can perform the update change for you.

A restart of every affected server will be required for the changes to take effect, so you must schedule the update accordingly.

Note: If you choose to have Kodak perform the updates, and you do not have a current support contract for the affected systems, a purchase order will be required and standard support rates will apply.

Background

All workflow servers delivered after November 2003 and prior to the summer of 2006 were configured to download updates from the Kodak Microsoft Software Update Services (SUS) server. SUS was the original implementation of Microsoft update services, and the Kodak WSUS server is the updated and improved replacement for SUS. As of July 10, 2007, Microsoft will no longer support updates to the SUS server. Kodak will continue to run both the SUS and WSUS servers in parallel until July 10, 2007. After this date, the SUS server will be retired and all workflow servers currently using the SUS server must be redirected to the WSUS server, or directly to Microsoft.

Note: All InSite servers will already be configured to point to the Kodak WSUS, so there is no need to check InSite servers.

About Update Methods

It is important that your Kodak workflow servers are configured to automatically download Microsoft security and critical updates. There are two options for automatically downloading Microsoft Windows security and critical updates:

- Download the updates directly from the Microsoft Web site.
- Download the updates from the Kodak Windows Software Update Services (WSUS) server, which contains the default setup for workflow servers shipped from Kodak.

The WSUS server allows for groups to be defined and managed, each with their own list of approved updates. Currently, there are two defined workflow groups: **Prinergy Servers** and **InSite Servers**. The **Prinergy Servers** group includes Prinergy, Prinergy Evo, and NewsManager. The **InSite Servers** group includes all of the InSite family of workflow products.

In the future, the default for all Kodak workflow servers will be to download software updates from the WSUS server. Other Kodak workflow products may have their own group on the server, with a different set of approved updates.

Currently, all InSite workflow products must use the WSUS server in order to allow Kodak to test the updates and ensure proper operation of the InSite software. For Prinergy workflow products, customers have the option of downloading the updates directly from the Microsoft Web site. This avoids any delay introduced by our test and qualification process, and is the quickest way to install critical and security updates. Unless you have specific reasons to wait for Kodak to qualify the updates, it is optimal to download updates directly from the Microsoft Web site.

When you use either method of downloading updates, an icon appears in the system tray (on the right side of the Windows task bar), indicating that updates have been downloaded and are ready to be installed. After you install the updates, you must restart the server.

You also have the option of downloading and installing updates using the manual Windows mechanism (from the **Start** menu, select **Windows Update**).

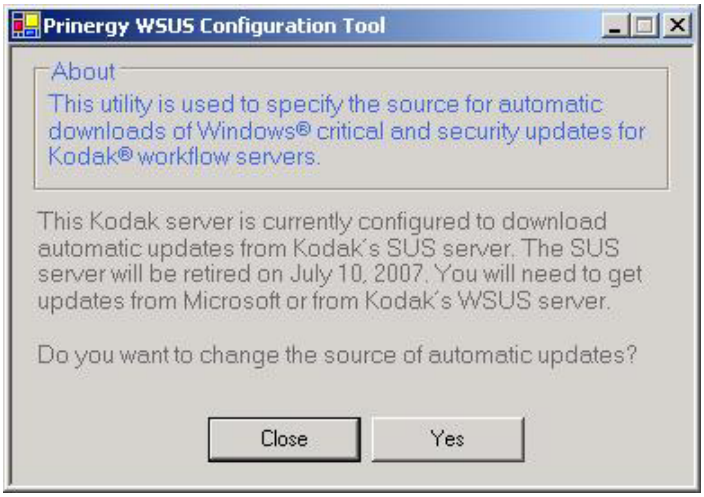
Using the Prinergy WSUS Configuration Tool

To point your Kodak workflow servers either to the WSUS server or directly to Microsoft for updates, download the Prinergy WSUS Configuration Tool (**KodakWfUpdates**) utility from the eCentral portal and run it on each server. You must run the utility on the server; it will not execute over the network. To use the utility, do the following steps:

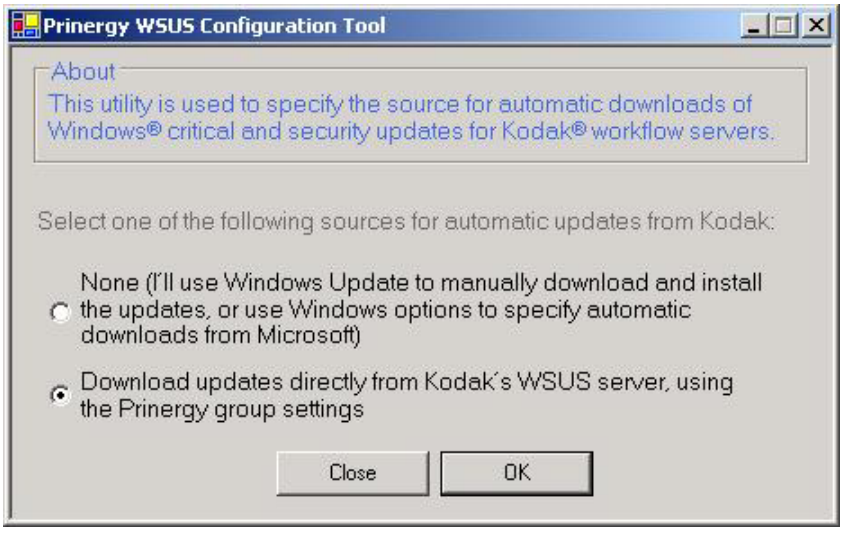
1. Log on to the server with administrator privileges.
2. Start the **Prinergy WSUS Configuration Tool** utility.

The server's current source for automatic updates appears: **None**, **SUS**, or **WSUS**.

The following example shows a server pointing to the SUS server.



3. Click **Yes**.
4. Select the option that you want.
    - If you want to get updates from the WSUS server, click **Download updates directly from Kodak's WSUS server**.



    - If you want to get updates directly from Microsoft, do the following steps:
        - Click **None**.
        - In the System Properties dialog box, on the **Automatic Updates** tab, select whether you want to receive automatic or manual updates from Microsoft.

- If you select to receive automatic updates, select how frequently Microsoft should download and install them.



Note: The setting **Download updates for me, but let me choose when to install them** is equivalent to using the Kodak WSUS server, except that the updates will come directly from Microsoft as soon as they are released.

- Click **OK**.

5. In the Prinergy WSUS Configuration Tool dialog box, click **OK**.

Site Requirements

- Full-time Internet access is required, or the following services will not work:
  - WSUS
  - Windows Update
  - Other update services

- Outbound port 80 access must be enabled.

  WSUS uses an outbound connection on port 80 to retrieve its update list. Your firewall must be configured to allow outbound port 80 requests from every server for which you want to receive WSUS updates. Most sophisticated firewalls allow you to specify an individual computer's access to the Internet, including restricting the IP addresses they can access. Configuration of individual firewalls is beyond the scope of this document—if you need help with this procedure, contact your service representative.

  Note: Inbound port 80 connections are not needed for WSUS.

About Kodak Graphic Communications Group (GCG)

The leading provider of graphic communications solutions worldwide, Kodak's Graphic Communications Group (GCG) offers image capture systems; professional color, copydot, and high-speed document scanning systems; inkjet printing and proofing systems; workflow and color management software; thermal imaging devices for film, plates, and proofs; high-quality proofing media, printing plates, and recording film; on-demand color and black-and-white printing systems; data storage products; and professional services. With corporate headquarters located in Rochester, N.Y., Kodak (NYSE: EK) has the largest global sales force and is committed to a digitally oriented growth strategy.

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