Kodak

Web Composition Server

Installation Guide

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1. OVERVIEW

The Web Composition Server (WCS) is a Web-based, template-driven page composition engine created by the Print On Demand (POD) group. WCS uses the Kodak® Darwin™ VI Authoring Tool for Adobe® InDesign® as the template creation tool, and Adobe InDesign CS2 as the layout software. The Kodak InSite™ Variable Data Print system uses WCS to composite personalized pages.

This guide describes how to install the WCS and InDesign software on a Microsoft® Windows® 2000 server, and to test the installation using the WCS Web Services Diagnostic Tool.

2. REQUIREMENTS

Hardware:

- Pentium® 4, minimum 3.0 GHz
- Windows 2000 Server
- 2 GB RAM
- Minimum 80 GB disk space

Software:

IMPORTANT: The Variable Data Print 3.0.3 software must be installed, and licensed through License Manager, prior to the installation of WCS and InDesign.

- IIS installed prior to installation of WCS and InDesign
- All high priority Windows updates installed
- The following DCOM applications installed:
    - 000C101C-0000-0000-C000-000000000046
    - 1BE1F766-5536-11D1-B726-00C04FB926AF

  To verify that these applications are installed, from the **Start** menu, select **Run**. Type `dcomcnfg` and click **OK**. In the Distributed COM Configuration Properties dialog box, on the **Applications** tab, verify that the two applications are listed.

  IMPORTANT: If these applications are not installed, the WCS installation cannot proceed successfully. A full reghost may be required. Contact product development if you encounter this situation.

  Note: If the two required DCOM objects are installed, and then Adobe® Flash® player is installed on the server, the installation of the Flash player will cause the DCOM objects to disappear. To fix this problem, you must run the uninstaller for the Flash player. The required DCOM objects will reappear. (Strangely enough, if the Flash player is reinstalled a second time, it seems to have no effect on the DCOM objects. It seems to be only the first installation of the Flash player that causes the problem.)

3. INSTALLING AND CONFIGURING THE INDESIGN CS2 SERVER

Adobe InDesign CS2 Server must be installed on the Variable Data Print server to work with Darwin and WCS.

3.1 Installing the InDesign CS2 Server Software

1. Log on to the Variable Data Print server with the Administrator account.
2. On the Creative Workflow, Asset Library, and Variable Data Print 3.0 DVD, in the folder **InSite Creative 3.0 Intel Server Installer\IVDP Install Files**, find the installation file **IDSNSVRCS2_R_0516.exe**.
3. Copy the file to the server. (Do not run the installer from the DVD or over the network.)
4. Double-click **IDSNSVRCS2_R_0516.exe** to start the installation. Install the software on the System drive. You will also be prompted for the serial number and default language.

3.2 Configuring the InDesign CS2 Server Software

1. From the **Start** menu, select **Run**.
2. Type `dcomcnfg` and click **OK**.
3. In the Distributed COM Configuration Properties dialog box, select **Adobe InDesign Server Application**, and click **Properties**.
4. On the **Identity** tab, select **This User**.
5. Click **Browse** to locate and select the ARAXI user. Click **Add**, and click **OK**. Enter the user's password (typically ARAXI). Click **Apply**.
6. On the **Security** tab, select **Use custom access permissions**, and click **Edit**.
7. Click **Add**, and click **Show Users**.
8. Select the ASPNET account, and click **Add**. Click **OK** twice to return to the **Security** tab.
9. Select **Use custom launch permissions**, click **Edit**, and repeat steps 7 and 8 to add the ASPNET account.
10. Select **Use custom configuration permissions**, click **Edit**, and repeat steps 7 and 8 to add the ASPNET account.
11. Click **OK** and **OK** to close all dialog boxes.

3.3 Testing the InDesign CS2 Server Software

1. From the **Start** menu, select **Run**. Type `cmd` and click **OK** to open a command prompt.
2. Change the directory to **Program Files\Adobe\Adobe InDesign Server CS2** by typing the following:

   ```
   cd D:\Program Files\Adobe\Adobe InDesign Server CS2
   ```

3. Type `InDesignServer.exe –console`

   A new window opens, and the InDesign CS2 Server starts.

4. When a `Server Running` message appears, close both command prompt windows.

4. INSTALLING AND CONFIGURING WCS

Note: Ensure that you install WCS version **1.1.116**.

4.1 Installing WCS

1. On the Creative Workflow, Asset Library, and Variable Data Print 3.0 DVD, in the folder **InSite Creative 3.0 Intel Server Installer\IVDP Install Files**, find the WCS installation file **Wcs Installer Build <xxxx>**. Ensure that you are installing WCS version 1.1.116.
2. Copy the file to the server. (Do not run the installer from the DVD or over the network.)
3. Double-click the file to start the WCS installation, accepting the defaults and adding user and company name information as required.
4. The following third-party software will be installed and will require action. Follow the prompts and accept the defaults to complete the installation:

   - Microsoft Visual J#® .NET Redistribution Package 1.1

     Note: If the following warning message appears, you can safely ignore it: `You may be required to reboot after the installation of Microsoft .Net Framework 2.0. In this case, please rerun the Darwin installer after the machine restart.`

   - Microsoft .NET Framework® 2.0

4.2 Configuring WCS

1. Two shortcuts (WCS-Diagnostics.exe and WCS Config) should now appear on the Variable Data Print server desktop. Double-click **WCS Config**.
2. Next to **Select WCS Working Directory**, click **Browse**.
3. On the Data (**J:**) drive, create a new folder called **KodakWCS**, and click **OK**.
4. Click **Update Configuration**.
5. All tasks should be marked as complete except for **Grant DCOM permissions to InDesign Server**, which is expected.

6. Click **OK**, and click **Close**.

4.3 Licensing WCS

1. In **<system drive>:\Program Files\WCS\WebServices\bin**, create a new folder called **PlugIns**.
2. Create a folder inside the **PlugIns** folder called **IVDP**.
3. On the Creative Workflow, Asset Library, and Variable Data Print 3.0 DVD, in the folder **InSite Creative 3.0 Intel Server Installer\IVDP Install Files\WCS Licensing**, find the file **SmartPagesLicensing.dll**.
4. Copy the file to the **IVDP** folder that you created in step 2.
5. In the **IVDP** folder, right-click **SmartPagesLicensing.dll**, and select **Properties**. On the **Security** tab, select **Allow inheritable permissions from parent to propagate to this object**.
6. Browse to **<system drive>:\Program Files\WCS\WebServices**.
7. In a text editor, open **web.config**.
8. Search for the line `<add key="PlugIn" value="" />` and change it to `<add key="PlugIn" value="IVDP" />`
9. Save and close the file.
10. From the **Start** menu, select **Run**. Type `dcomcnfg` and click **OK**.
11. Double click **CSWtwServices**.
12. On the **Security** tab, add the ASPNET account to the following permissions, as described in *Configuring the InDesign CS2 Server Software* on page 2:
    - **Use custom access permissions**
    - **Use custom launch permissions**

    Note: You do not need to add the ASPNET account for **Use custom configuration permissions**.
13. Restart the server.
14. To verify the license, in the Microsoft Internet Explorer® Internet browser, got to http://localhost/WCS/VICEAdmin.asmx
15. Click **IsRegister**.
16. Click **Invoke**. You should see that WCS is registered by checking that the line `<Registered> true </Registered>` appears in the XML data.

4.4 Testing WCS

1. Check communication:
    a. On the server's desktop, double-click **WCS Diagnostics**.
    b. From the **Communication** menu, select **Check WCS Communication**.
    c. The check begins and its progress appears on the **Log** tab. `WCS Status: OK` should appear.
    d. From the **Communication** menu, select **Check Templates Storage Communication**. On the **Log** tab, `Templates Storage Status: OK` should appear.
    e. From the **Communication** menu, select **Check Database Connection**. On the **Log** tab, `Database Status: Open` should appear.
2. Import a Darwin template file:
    a. From the **Templates Storage** menu, select **Import Job**.
    b. Browse to **<data drive>\KodakWCS\Import**.
    c. In the **Files of type** box, select **drwn files (*.drwn)**.
    d. Select the file **WCS Diagnostics.drwn** and click **Open**.
    e. Type a name for the imported job and click **OK**.
    f. On the **WCS Diagnostics** tab, you should see a number of messages as the job is imported.
    g. When the job has been imported, from the **Templates Storage** menu, select **Templates List** to view the template. Select the **WCS Diagnostics** template. You should see a Christmas card thumbnail.