Configuring

Configuring to send jobs to Ultimate Impostrip®

To send jobs to Ultimate Impostrip®, you must configure the Ultimate Impostrip® program, the primary computer, and some system settings, then tune the **RunImpostripOnJob** step template and add it to a workflow.

> 🔽 **Note:**
> - If Ultimate Impostrip® is installed on a Windows computer running in a language other than English, do not install Ultimate Impostrip® in the default install directory. The program does not work properly with non-English default install paths. We recommend installing Ultimate Impostrip® in `C:\ImpostripOnDemand` on non-English Windows computers.

To configure to send jobs to Ultimate Impostrip®:

- Configure Ultimate Impostrip®.

    1. Log in to the computer that Ultimate Impostrip® is installed on and launch the application.
    2. In the **XML Configurator** section, deselect **Using First File Name as Output Name for XML Redirection Job** (if it is available) and select **Enable XML Ticket Input Folder**, then click **OK** or **SAVE**.
    3. In the **Hot Folders** section, define the impositioning options for all hot folders that you want RICOH ProcessDirector to use.
    4. Select the hot folder you want to configure and find the **Output** section.
    5. Make sure that **PDF** or **PDF Output** is selected and click **Save**.
    6. Repeat the two previous steps for all hot folders that you want RICOH ProcessDirector to use.

- Share folders and mount drives between Ultimate Impostrip® and RICOH ProcessDirector:

    1. On the Windows computer where Ultimate Impostrip® is installed, share the folder that Ultimate Impostrip® is installed in.
       On an English system, the default installation folder is:
       - Legacy Version: `C:\Program Files (x86)\Ultimate Technographics\ImpostripOnDemand`
       - New Generation: `C:\Program Files\Ultimate Technographics\Ultimate Impostrip`
    2. Name the share `UltimateImpostrip`. Do not include spaces in the share name.
       Make sure the permission level is **Read/Write**.
    3. On the RICOH ProcessDirector primary computer, mount the primary computer to the directory that holds the Ultimate Impostrip® program.

       > 🔽 **Note:**
       > - Skip this step if you are using Ultimate Impostrip® New Generation (Version 2019 1.0 or newer) and it runs on a RICOH ProcessDirector application server.

       On the primary server, use a command similar to this example, substituting the name of Windows system for *server_name* and the name of the user that RICOH ProcessDirector uses to access the system for *user*:
       ```
       mount -t cifs -o username=user,uid=32457,gid=32458 //server_name/UltimateImpostrip /mnt/Ultimate
       ```
    4. Open the `/etc/exports` file in a file editor.
    5. Review the contents of the file to see if it includes an entry for the system that Ultimate Impostrip® is installed on. If you do not see an entry for that system, add a line to the file in this format:
       ```
       /aiw server_name(crossmnt,rw,no_root_squash,sync,no_subtree_check)
       ```

       Save and close the file. Restart NFS to have the updated file take effect.
    6. Return to the Windows computer where Ultimate Impostrip® is installed and open Windows File Explorer.
    7. Map a network drive to the `/aiw` file system on the primary computer. Use this address for the server:
       ```
       \\primary_server_hostname\aiw
       ```
    8. Test the configuration by creating a file in the `drive_letter:\aiw1` directory, verifying that you can see it in the mounted directory, and then deleting it.

- Update RICOH ProcessDirector system settings.

    1. Log in to RICOH ProcessDirector.
    2. Click the **Administration** tab.

3. In the left pane, click **Settings ⟹ Ultimate Impostrip® Settings**.

4. In the **General** section, choose how RICOH ProcessDirector retrieves the list of Ultimate Impostrip® hot folders that can receive print jobs. The option you choose depends on the version of Ultimate Impostrip® you have installed. If you use version 10 or older, select **Use .ini file**. If you use version 2019 1.0 or newer, select **Use URL**.

5. If you choose **Use .ini file**, enter the full path to the Ultimate Impostrip® initialization file on the system that Ultimate Impostrip® is installed on.
   The initialization file contains the name of the directory that RICOH ProcessDirector uses as a **Sending folder** if one is not provided on the step. It also contains a list of Ultimate Impostrip® input hot folders that correspond to different impositioning combinations.

   > **⊙ Note:**
   > - If the mount is set as explained above, use `/mnt/Ultimate/IMPressJM.ini`.
   > - When this directory is specified, users can select from a list of Ultimate Impostrip® input hot folders to perform the appropriate impositioning on the job.

6. If you chose **Use URL**, enter the URL of the Ultimate Impostrip® server, including the port number.

7. Verify that the **Ultimate Impostrip® configuration** is set correctly. Scroll to the bottom of the page to see the **Ultimate Impostrip® Hot Folders** table. Click **Update** to show the available hot folders. Make sure all the hot folders you expect to see are included in the list.

8. In the **Mapping** section, specify what type of Windows system Ultimate Impostrip® is installed on: a system that a RICOH ProcessDirector server runs on or a Windows system with no RICOH ProcessDirector server installed.

9. If you chose **Other Windows system**, fill in the paths for the directories that exchange files between the Ultimate Impostrip® host server and the RICOH ProcessDirector primary computer.
   - XML Ticket Hot Folder
     If the mount is configured as explained above, enter the directory path that is appropriate for your version of Ultimate Impostrip® under RICOH ProcessDirector:
     - Legacy Version: `/mnt/Ultimate/XmlInput`
     - New Generation: `/mnt/Ultimate/xml_redirection`

   - Print spool directory
     Enter this value under Ultimate Impostrip®, replacing *drive_letter* with the letter of the network drive that you mapped above:
     `drive_letter:\aiw1\spool`

10. Click **SAVE**.

‣ Tune the **RunImpostripOnJob** step template to run on the correct server.

   1. Click the **Workflow** tab.

   2. In the left pane, click **Step Templates**.

   3. Right-click the **RunImpostripOnJob** step template and select **Properties**.

   4. On the **Tuning** tab:
      - If Ultimate Impostrip® is installed on an application server, under **Servers to use**, select **Run on specific servers**, then select the correct application server.
      - If Ultimate Impostrip® is installed on a different Windows computer, under **Servers to use**, select **Run on specific servers**, then select **System**.

‣ Add the **RunImpostripOnJob** step template to a workflow.

   1. Click the **Workflow** tab.

   2. Select the workflow that you want to copy and click **Copy workflow**.

   3. Name the copy of the workflow, fill in or edit other values that you need, and click **Continue**.

   4. In the workflow editor, click **Step Templates** in the top right corner of the window.

   5. Drag the **RunImpostripOnJob** step into position and make sure it is connected to the workflow.

   6. Right-click the step and select **Properties** to see the properties and job defaults.

   7. Update the properties as needed. Refer to the ? help for additional information about each property.

   8. Click **OK**.

   9. Save the workflow.

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