XEROX®

FreeFlow™

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FreeFlow®
Web Services
Repository
Integration

Powered by Press-sense

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Changes are periodically made to this document. Changes, technical inaccuracies, and typographical errors will be corrected in subsequent editions.

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Introduction

Overview

FreeFlow Web Services can integrate with the following optional repositories:

- Xerox DocuShare
- Microsoft SharePoint
- Document Library *

Important: Only one repository can be enabled, configured and synchronized.

* Document Library – As of *Web Services 6.0, Document Library* will no longer be supported. In order to continue using templates in *Web Services* that are based on files from *Document Library*, the following two steps must be carried out:

1. Export the data to the *Windows* file system or to *Microsoft SharePoint*, using the *Document Library Migration Utility*. This utility resides in the "<Install Drive>\FreeFlow " folder as "DLMigration.exe".
2. Update the reference of the templates in *Web Services* to refer to the new location of the data instead of to *Document Library.*
   This is carried out by running an update procedure on the *Web Services* server from the following URL: http://localhost/newsway/utils/dlimport.asp. In the browser, enter the name of the *Exported Data* description file and click on the *Start Migration* button.

Integration

The integration between *Web Services* and any of the repository options comprises the following steps:

1. Defining, in *Web Services*, a connection to the relevant repository
2. Synchronizing *Web Services* with the *Repository* in order to create templates in *Web Services*
3. Printing a Job, based on a *Repository* template

Prerequisites

- Repository software installed and correctly set up.
- The integration must be activated through the *FlexLM* license.
- All templates in the *Repository* software must be designated as *Catalog-ready*.

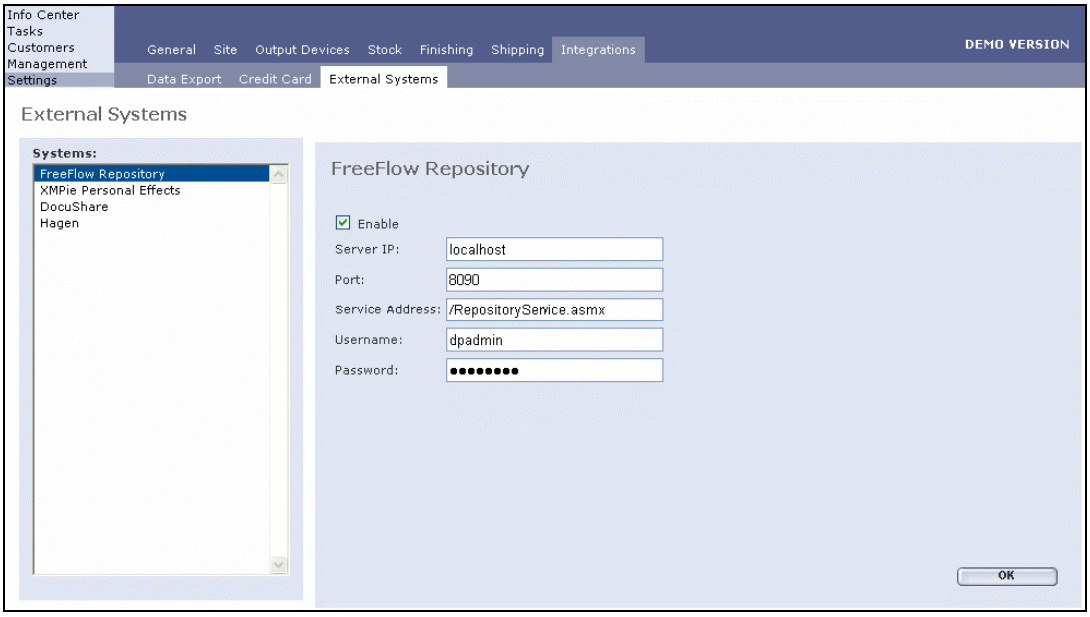
Defining a Connection to a FreeFlow Repository

In order to define a connection to a *FreeFlow Repository*, carry out the following steps:

1. Log in to *FreeFlow Web Services.*
2. Go to *Settings/Integration/External Systems*.
3. Select *FreeFlow Repository* and in the *FreeFlow Repository* panel, select the *Enable* checkbox.
4. In *Server IP:,* enter the *IP* address or *Host Name* where the *RMS* (*Repository Management Software*) server is installed.

   Note: Generally, the *RMS* server is installed on the same server as *FreeFlow Web Services*. However, the *RMS* server needs to be configured to work with repositories installed anywhere on the network (this is carried out through a *FreeFlow Administration Tool* which is a part of the *Web Services* installation).

5. In *Port:,* enter 8090
6. In *Service Address*:, enter */RepositoryService.asmx*
7. Enter the *Username* as defined as the *Repository* software login username
8. Enter the *Password* as defined for the defined *Username*.
9. Click on *OK* to save.



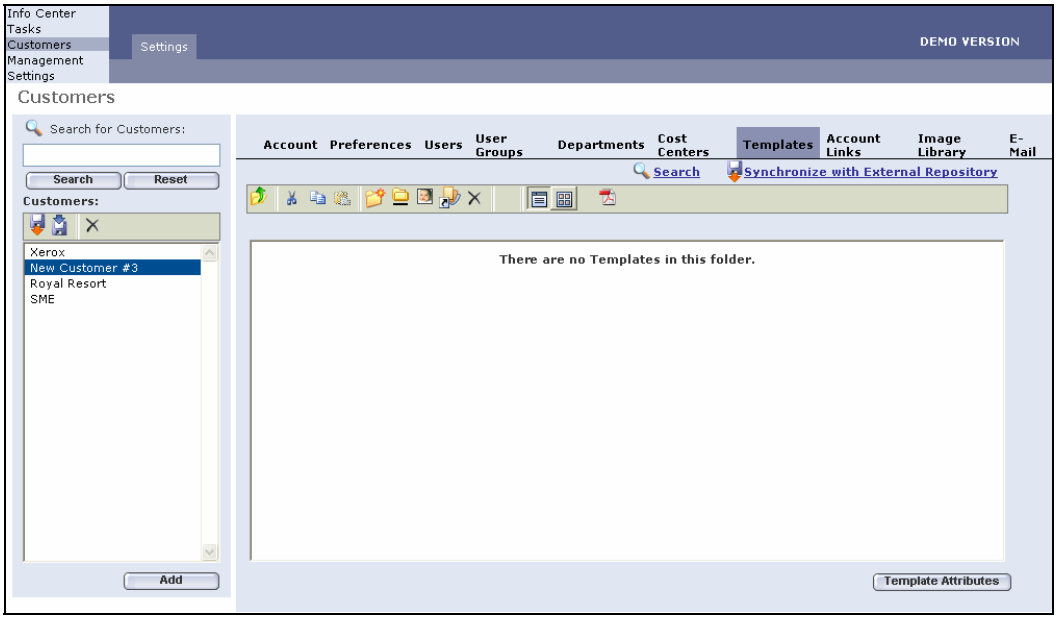
Synchronizing FreeFlow Web Services with the Repository

In order to add a template from a *FreeFlow Repository* into *FreeFlow Web Services*, carry out the *Synchronize with External Repository* procedure as described below.

Transferring a Template Selection from a Repository to a Customer Collection

To transfer a template selection from a repository to a customer collection, carry out the following steps:

1. Go to *Customers/Settings*.
2. Select the target customer from the *Customers* list.



3. Click on the *Templates* tab and then click on *Synchronize with External Repository;* the *Choose Document Source* window appears.

4 Click on the *FreeFlow Repository* radio button.

Note: *Update internal cache* informs *Web Services* to connect to a defined repository, retrieve all available catalog ready items for the time of synchronization and bring them into the internal *Web Services* cache. Then the synchronization takes place. If the checkbox is not selected, *Web Services* will use the internal cache that was updated the last time the connection to the repository had been made.

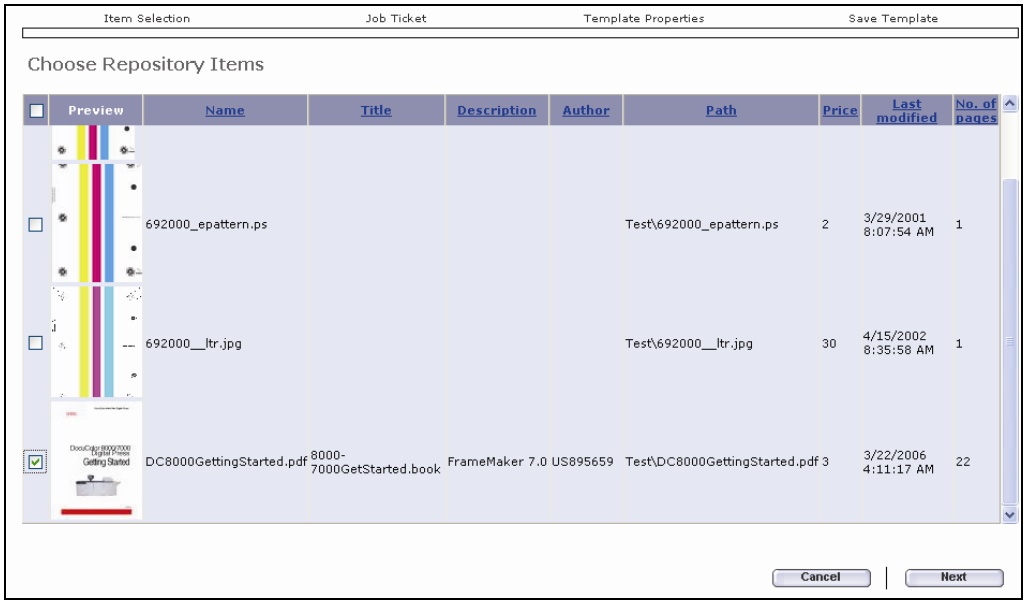
5 Click on the *Start Import Wizard* button.

Choosing the Repository Item(s)

To select any displayed repository items, carry out the following steps:

1. Select one or more checkboxes next to each document to be imported.
2. When all of the desired documents have been selected, click on *Next*.

Note: The following steps require selecting the *Job Type*, *Properties* and *Template Attributes*. If multiple items are selected, the items will have the same attributes. If the properties are completed in the *Repository*, the information will populate the *Template Attribute* step.



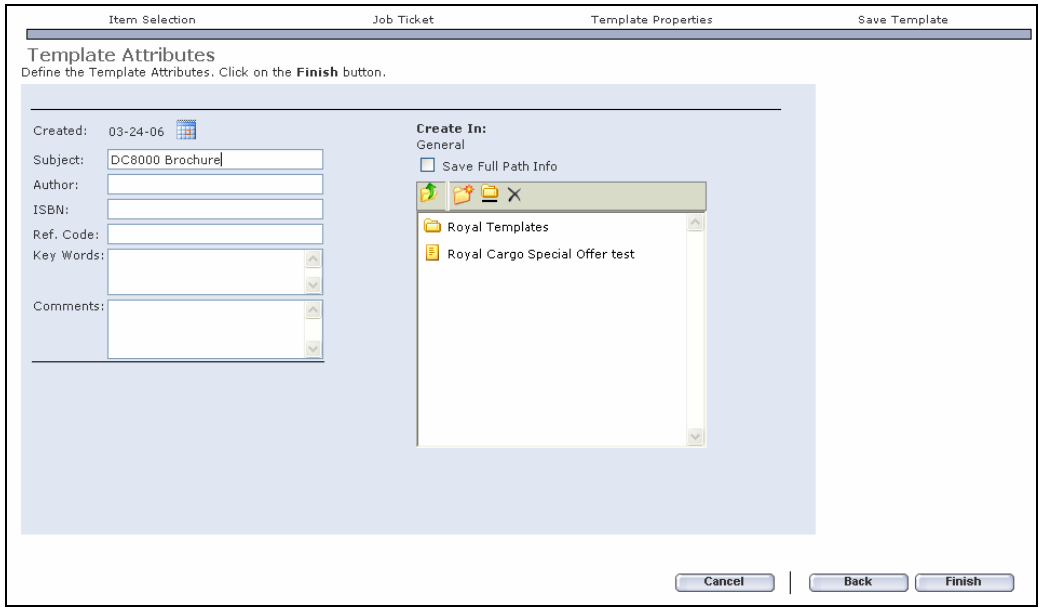
Saving Templates

To save the imported templates in the selected *Customer/Directory*, carry out the following steps:

1. Choose a *Job Type* and click on *Next*; the *Edit Properties* window appears.

   Note: The attribute that is defined here can affect the pricing if *Job Type Pricing* is the *Default Pricing Model*.

2. Edit any properties, in order to reflect the document properties and then click on the *Next*; the *Template Attributes* window appears.



3. Define the appropriate *Template Attributes* and in the *Create In* pane, browse to the target folder for adding the *Repository* item.

   Note: 1. Select the *Save Full Path Info* checkbox in order to add the *Full Path Info* to the *Template* information that will be available to the Print Buyer.

   2. At anytime during the process, the *Back* button can be used in order to return to a previous window and the *Cancel* button can be used to cancel the process.

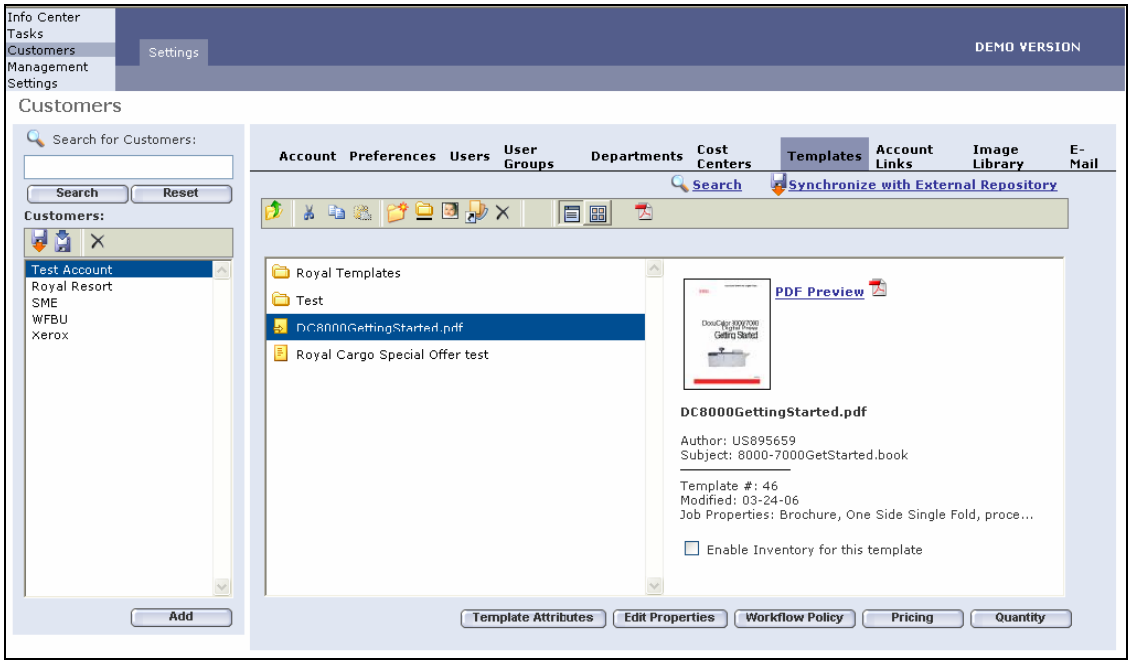
4. Click on *Finish*.

Template Pricing

At this stage, the template has been added to *Customers/Templates*.

Note: The icon appearing with the *Template* name is *Document* icon and has a different look than a *Static*, *Variable* and *Archive* icons.

If necessary, *Template Pricing* and *Printer Selection* can be applied to the template by selecting the *Pricing* button.



Printing a Job Based on a Repository Template

In order to approve a *Xerox Repository*-based Job in *FreeFlow Web Services* for printing, carry out the following steps:

1 In *Web Services*, click on *Tasks/Production*; the *Production* window appears.

2 Select the relevant Job in the *Approval* queue.

Note: *Xerox Repository Items* can be printed only through the *FreeFlow Print Manager* software that is defined in *FreeFlow Web Services* as an *Output Device* carrying the name: *FreeFlow Print Manager – Advanced Print Path*.
If such an *Output Device* was defined prior to importing the *Repository* items into the *Web Services (Synchronize with external repository action*, as detailed above), then these items receive the designated *Output Device* automatically. Otherwise, before moving to the next step, it is necessary to change the *Output Device* by clicking on *Edit Imposition*.

3 Click on *Approve;* the approval is successful when the icon appears in the *Status* column.

Note: Jobs that fail in the *Printing Queue* are generally due to network errors ( ). Examine the *Device* set-up to diagnose this problem.