XEROX®

FreeFlow™

Version 6.0, September 2007
701P47189

FreeFlow®
Web Services
Automatic Login
Guide

Powered by Press-sense

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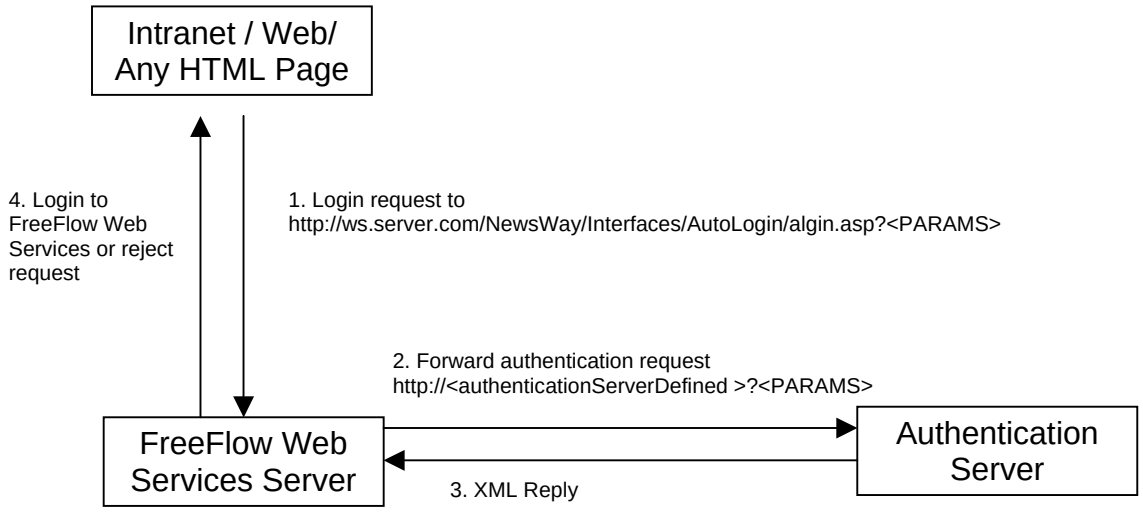
Overview

The *Automatic Login* module in *FreeFlow Web Services* allows authentication of Print Buyer users by an external system, instead of having the users manually registered in the *Web Services* administration modules. The external system is required to be capable of receiving http requests and responding with a standard *XML* reply.

Note: Users can work with this integration only after acquiring and enabling the *Data Export* license.

The following diagram shows the basic workflow involved in the *Automatic Login* procedure. Workflow details are discussed after the diagram.



1 The *Automatic Login* procedure begins when a *Login* request to *Web Services* is made from any internet or intranet website. In order to activate the *Automatic Login* workflow, the *Login* request must be made to the following webpage:

http://ws.server.com/NewsWay/Interfaces/AutoLogin/algin.asp.; where the 'ws.server.com' is the name of the *Web Services* server. The call can include any *POST* or *GET* parameters.

Note: The sending method should be predefined in the *Web Services* configuration files. Details on how to configure the 'parameters sending method' in *Web Services* will be discussed below.

2 *Web Services* sends the request to a webpage on the server that handles the authentication, forwarding any parameters included in the original request. The webpage URL, that the request is being forwarded to, must be predefined in the *Web Services* configuration files. Details on how to configure the authentication server in *Web Services* will be discussed below.

3 The authentication request is replied to via an *XML* file. The *XML* file supplies a unique *ID* to the *Web Services* Print Buyer as well as the specific Print Buyer user, provides additional optional information about the user and/or the Print Buyer (such as contact information) and states the action to be taken. Possible actions are:

- *Create new user*: A new user is created with the given parameters. If needed, a new customer is created. If a user with the given unique ID already exists, an error occurs.
- *Update existing user*: An existing user and/or customer with the given unique ID are updated with the given parameters. If the user/customer does not exist, an error occurs.
- *Create or Update*: If a user and/or customer with the given unique ID exist, the ID is updated with the given parameters; otherwise the user/customer is created and assigned the given parameters.
- *Delete User*: Delete the user with given unique ID.
- If no action is stated, the user is denied access to the *FFWS* server.

A sample *XML* reply is provided with the *Web Services* installation and is located in the following folder in the *Xerox FFWS* server file system:

[Web Services Drive]:\NewEdition\IPanel\Db\AutoLogin\sample.xml, where [FFWS Drive] is the drive that *Web Services* is installed on. The sample *XML* shows and explains all the optional parameters that *Web Services* accepts.

4 If the *XML* response is processed with no errors, *Web Services* takes the action that was stated in the *XML*. If the user is allowed login, *Web Services* redirects the web client that has made the original login request to the *Web Services* logged-in *Start Page*. If the user is denied login, *Web Services* displays an error message.

Configuring Automatic Login in FreeFlow Web Services

Automatic Login configuration files are located in the *FreeFlow Web Services* server file system at the following folder:

[Web Services Drive]*:* NewEdition\IPanel\Integrations\ExternalMethods_nw_setup.xml, where *[FFWS Drive]* is the drive that *Web Services* is installed on. The file *_nw_setup.xml*, located in the above folder, is an *XML* file that contains all *Automatic Login* definitions. The *Web Services* installation includes a basic *_nw_setup.xml* file in the above folder; the key *method* defines the webpage that *Web Services* will forward the login request to. The value defined must be a full *URL* path to the page.

The important parameters are:

IID – must be matched to the IID that passed from the external system into *Web Services*.

authURL – must be the URL of your authentication server.

parameterMethod – defines the method for sending the parameters; *POST* or *GET*.
the default method is *POST*.

Sample:

```
<externalIntegration IID="2"><!-- Required Element -->
        <method>URL</method><!-- Required Element -->
        <authURL>http:///wsauth.aspx</authURL><!-- Required Element -->
        <!-- authURL = should be the URL to the external authentication server -->
        <firsturlselection>shoppingcart</firsturlselection>
        <!-- firsturlselection = the FFWS page that the user will land into -->
        <parameterMethod>POST</parameterMethod>
</externalIntegration>
```