XEROX®

FreeFlow™

Version 6.0, September 2007
701P47188

FreeFlow®
Web Services
EFI Hagen OA
Integration

Powered by Press-sense

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Introduction

FreeFlow Web Services has been integrated with *EFI Hagen OA* in order to minimize the work duplication that can occur when Print Providers, working with the *Web Services* system while using *EFI Hagen OA* Adapter as an MIS system, automatically transfer information between the systems. *FreeFlow Web Services - EFI Hagen OA* integration is made possible using the *Data Export* module.

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

EFI Hagen OA Adapter

In order to communicate with the *EFI Hagen OA* system, a communication adapter system must be installed. The *EFI Hagen OA* Adapter Installer can be found in the install folder, under Newsway\installs.

Note:

1. The name of the file is: iWayGateWinServiceSetup.zip
2. This adapter can be installed on either the Hagen system or on the *FreeFlow Web Services* server.

EFI Hagen OA Adapter Installation

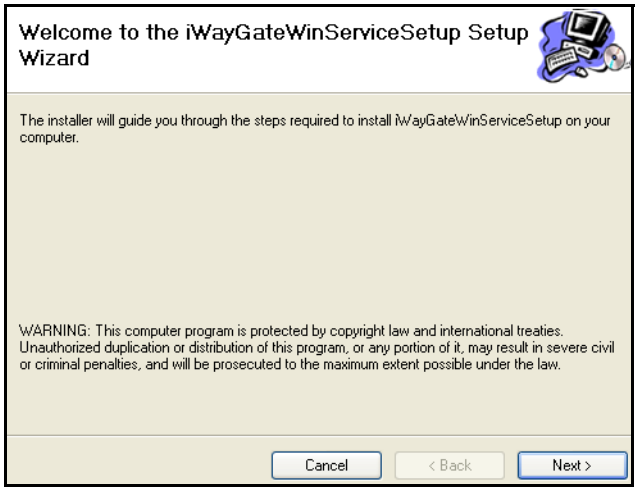
It is highly recommended to install the *EFI Hagen OA* Communication Adapter on your *FreeFlow Web Services* server.

Prerequisites:

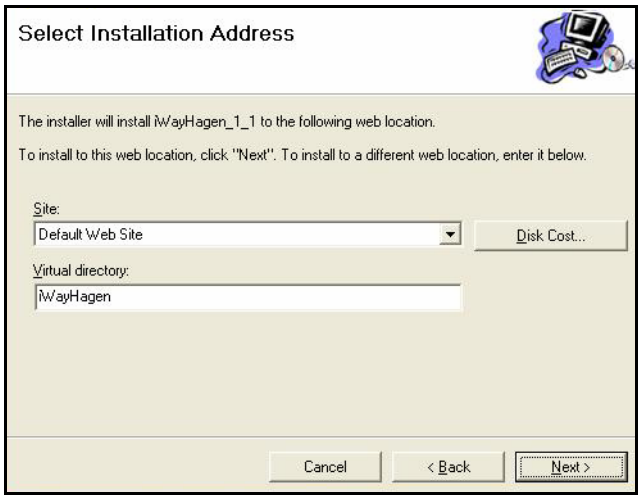
- NET Framework 1.1 (free from Microsoft)
- ASP.Net 2.0.5 (free from Microsoft)
- Internet Information Server (IIS) (installed from your Windows Server CD)
- When the adapter has been installed on the *FreeFlow Web Services* server, as advised, install the Progress 10.1A component (this is an ODBC driver), which is a *EFI Hagen OA* component that is included with the *EFI Hagen OA* software installation.

To install the adapter, carry out the following steps:

1 Unzip the installation files and double-click on the Setup.exe; the Setup Wizard appears.



2 Click on **Next**; the *Select Installation Address* window appears.

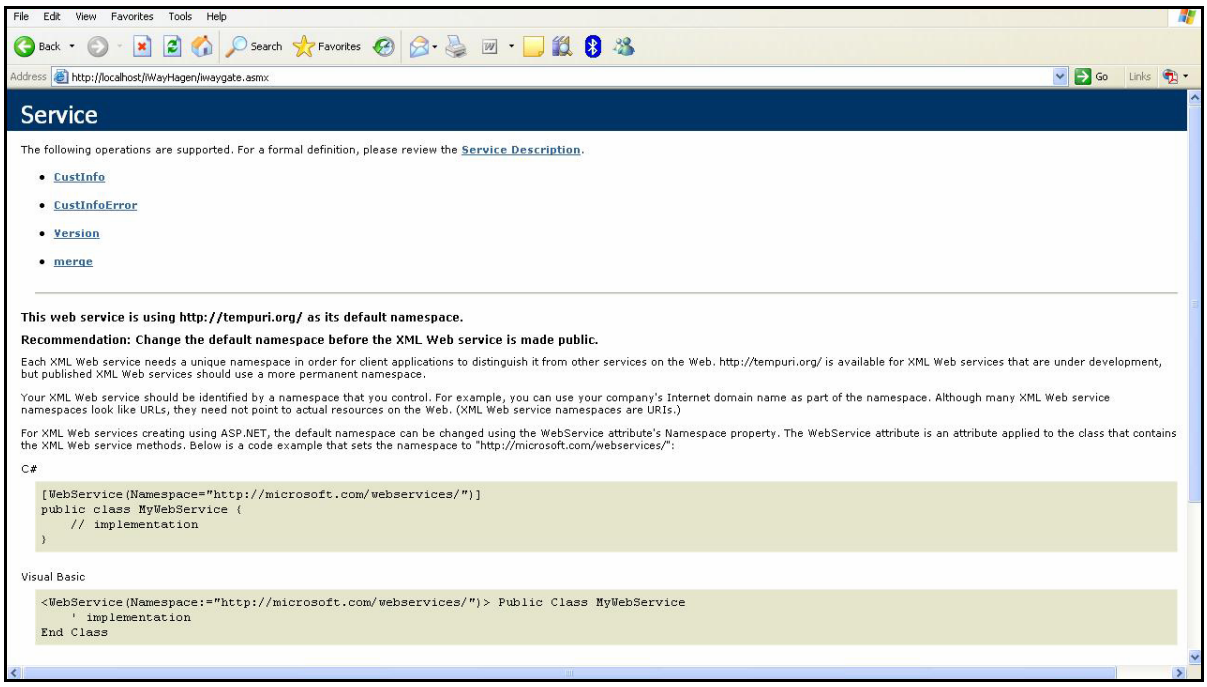


3 Change the **Virtual directory** to **iWayHagen** and then click on **Next**.

4 In the following windows, click on **Next** and then **Close**.

5 Stop and start the *FreeFlow Web Services*.

6 Validate the installation by browsing to: http://localhost/iWayHagen/iwaygate.asmx, (assuming that the virtual directory was set to **iWayHagen** as in 3); the *Service* window appears:



Note: If an error appears, verify that the ASP.net version that is defined on the *FreeFlow*/Hagen site on the IIS is set to Version 2. See the *Troubleshooting* section for detailed explanation and screenshot.

Note: It is strongly advised to use the default names provided in the installation process.

EFI Hagen OA Adapter Upgrade

If an upgrade operation is necessary, first uninstall the current adapter (from Add/Remove Programs) and then install the new adapter.

Data Export

FreeFlow Web Services - EFI Hagen OA integration requires that the following modules be activated in the *Web Services* system:

- The *Data Export* module.
- *EFI Hagen OA* Integration module.

The *Data Export* Module

In order to activate the *Data Export* module, carry out the following steps:

1 Click on **Settings**/**Integrations**/**Data Export**; the ***Data Export*** window appears.

2 Locate **Nerve**: **Job Order** and select the **Enable** check box.

EFI Hagen OA Integration Module

The integration of *FreeFlow Web Services* with *EFI Hagen OA* includes the following:

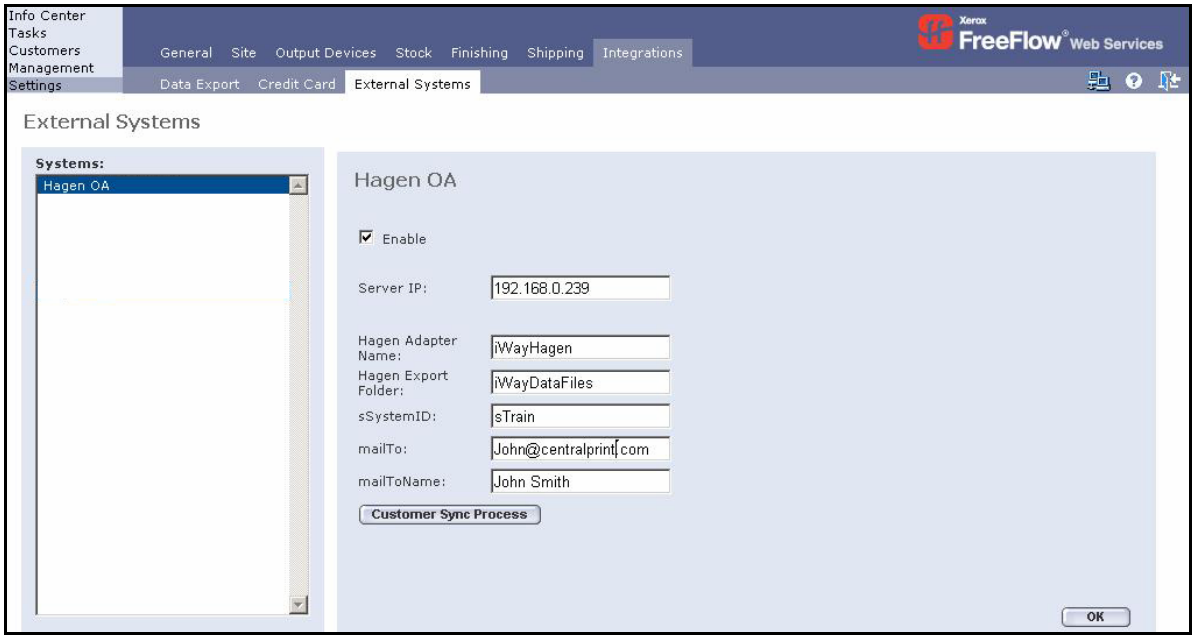
- Configuration of the Print Provider.
- Customer Data Sync operation.
- Ordering on the Print Buyer side.

Note: All communication is carried out through XML files.

Configuration of the Print Provider

To configure the Print Provider, carry out the following steps:

1 Click on **Settings**/**Integrations**/**External Systems**; the ***External Systems*** window appears.



2 Enter the following parameters:

- **Server IP** - The server IP where the Hagen adapter is installed.
- **Hagen Adapter Name** - Virtual directory name on the IIS server.
- **Hagen Export Folder** - The folder residing on the Hagen OA server (opening a new folder is a part of the installation process). For this parameter, the user must enter the folder share name.
- **sSystemID** - Hagen DB system ID
- **mailTo** - Recipient e-Mail address that receives notification when the *Customer Sync Process* has been completed
- **mailToName** - Name of the e-Mail recipient who receives the notification that the *Customer Sync Process* has been completed

Note: It is highly recommended not to change default values that appear in the fields: **Hagen Adapter Name** and **Hagen Export Folder** (unless changed during the installation process). Define only: **Server IP**, **sSystemID**, **mailTo**, **mailToName**.

Customer Data Sync (Print Provider)

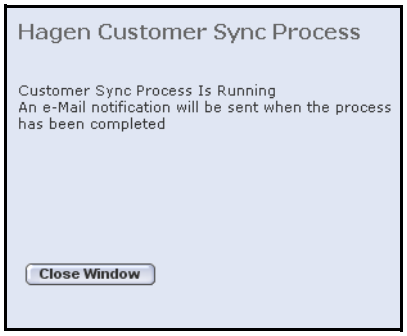
The customers, defined in Hagen OA, can be imported into the *FreeFlow Web Services*. This is carried out with the Customer Data Sync action.

In order to complete the Customer Data Sync action, carry out the following steps:

1 Login into the *Web Services* as a Print Provider.

2 Click on **Settings**/**Integrations**/**External Systems**; the ***External Systems*** window appears.

3 To run the Sync Process, click on the **Customer Sync Process** button; a confirmation window appears, signifying that the sync process has begun.



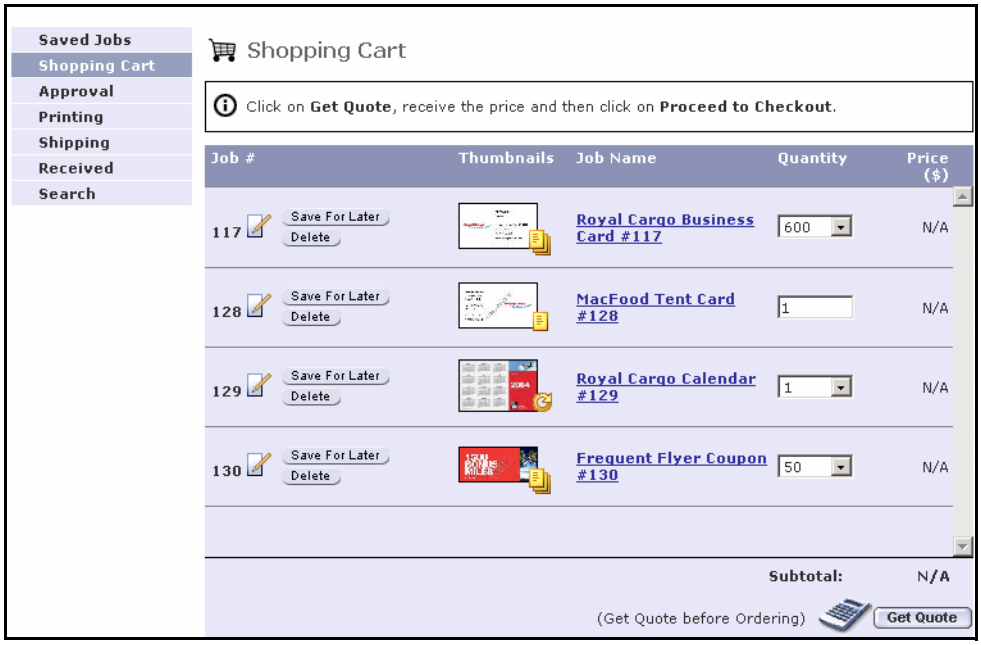
Note:

1. An e-Mail message is sent out to the e-Mail address defined in the ***Settings*** window, when the process has been completed (this activity can take up to 15 minutes for approximately 500 users).
2. Any changes in customer details on Hagen OA will require additional sync with *Web Services*. It will not sync automatically.
3. Any changes made to customers in *Web Services* will not be reflected on the Hagen side, even after sync.

Ordering on the Print Buyer Side

To order a Job, as a Print Buyer, through the integrated *FreeFlow Web Services - EFI Hagen OA* system, carry out the following steps:

1 Complete the Job-ordering steps in the *Web Services* system until the *Shopping Cart* stage.



2 Click on **Get Quote**; a pricing request is made in the *Web Services* system.

3 Complete the order by clicking on **Proceed to Checkout**. When an order is placed in *Web Services*, it is populated in the Hagen OA server under the shared folder as defined in **Settings**/**Hagen Export Folder**.

Hagen OA reads the order form and identifies:

- Job specification
- Customer reference
- Delivery information
- Pricing information

The order details are updated in the Hagen OA system.

System Requirements

FreeFlow Web Services Requirements

- *FreeFlow Web Services* U9 or higher
- Integration enabled on the FlexLM license.

EFI Hagen OA Minimum Requirements

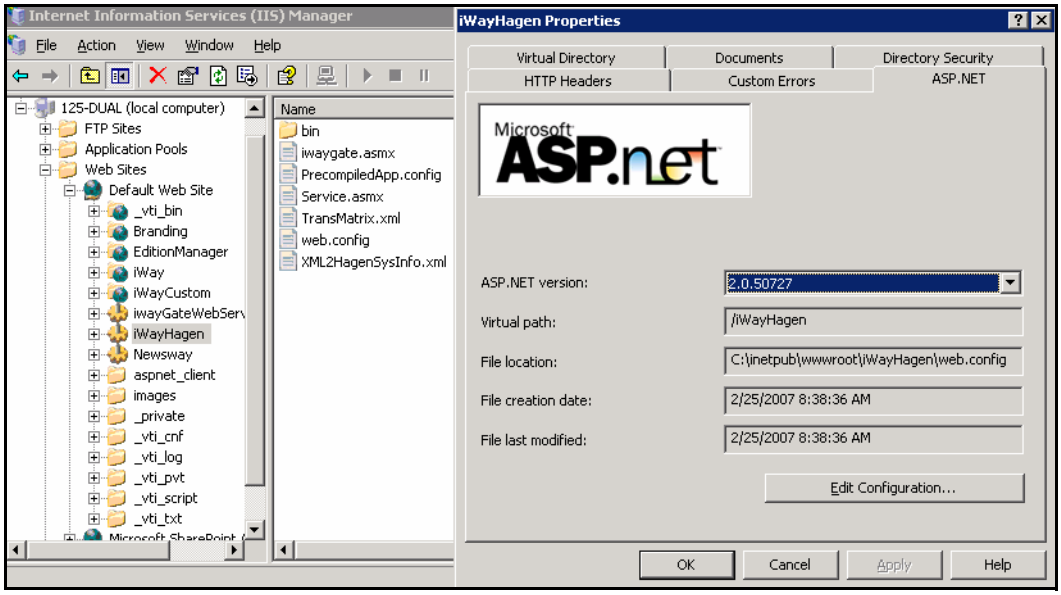
- *EFI Hagen OA* version 6.03 or higher
- Progress SQL92 version 9.1C.

Troubleshooting

Problem: Validation of the adapter installation fails

When browsing to: http://localhost/iWayHagen/iwaygate.asmx, (assuming that the virtual directory was set to iWayGate as in step 3 above); the following window appears:

Solution:

1 Go to IIS, right-click on the *iWayHagen* site and select **Properties**.

2 In the *ASP.Net* folder, verify that the value on the **ASP.Net version** field starts with **2**. If not, modify the selection as shown in the window below.