

SeeBeyond™ eBusiness Integration Suite

e*Xpressway Integrator OnRamp Customization Guide for Solution Providers

Release 4.5.1



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Introduction

This chapter provides an overview of the e*Xpressway™ Integrator product and describes the requirements for Solution Providers retained by Trading Exchanges to create e*Xpressway Integrator OnRamp Solution Packages.

This Chapter Includes:

- **“Overview” on page 1**
- **“Solution Provider requirements” on page 2**

1.1 Overview

e*Xpressway Integrator is a solution for providing rapid connectivity between Trading Partners and Trading Exchanges. e*Xpressway Integrator provides a quick and easy method for Trading Partners (buyers and sellers) to connect their existing systems with Trading Exchanges, resulting in a significant reduction in the time and cost to implement a solution.

Wizards allow Trading Partners to download e*Xpressway Integrator OnRamp from a Trading Exchange Web site, install it, and configure it for their specific requirements.

The Packager Tool and Web-based Wizards allow you, the Solution Provider to download, customize, package, and upload Java-based OnRamp Solution Packages that enable communication between Trading Partner and Trading Exchange with different business transaction data formats. OnRamp Solution Packages are the heart of e*Xpressway Integrator, providing seamless, transparent, end-to-end translation of messages between disparate systems.

1.1.1 Intended Reader

The reader of this guide is presumed to be an authorized Solution Provider with knowledge of and expertise in the SeeBeyond™ eBusiness Integration Suite. Particular expertise with e*Gate Enterprise Manager is required. Experience with Web applications is recommended, but not required.

It is also presumed that you have been retained by a Trading Exchange to create custom OnRamp Solution Packages from the OnRamp base schema for communication with Trading Partners, and that you know the systems for which you are creating the OnRamp Solution Packages.

1.2 Solution Provider requirements

To access the e*Xpressway Integrator Web site and work with e*Xpressway Integrator OnRamp base schema software, you need the following:

- 1 A login ID and password to access to the Trading Exchange Web site
- 2 Authorization to access the e*Xpressway Integrator Solution Provider Tools area
- 3 A local installation of the e*Xpressway Integrator OnRamp Packager Tool (available on the Trading Exchange Web site)
- 4 Release 4.5.1 of the SeeBeyond™ eBusiness Integration Suite
- 5 A high-speed TCP/IP network connection
- 6 Copies of the following 4.5.1 SeeBeyond documents:
 - *HTTPS e*Way Intelligent Adapter User's Guide*
 - *Batch e*Way Intelligent Adapter User's Guide*
 - *CGI Web Server e*Way Intelligent Adapter User's Guide*

The e*Xpressway Integrator OnRamp base schema

This chapter describes the e*Xpressway Integrator OnRamp base schema and e*Xpressway Integrator OnRamp customization guidelines.

This Chapter Includes:

- [“Overview” on page 3](#)
- [“e*Xpressway Integrator OnRamp overview” on page 3](#)
- [“e*Xpressway Integrator OnRamp details” on page 4](#)
- [“Downloading the e*Xpressway Integrator OnRamp base schema” on page 5](#)

2.1 Overview

Acquiring the e*Xpressway Integrator OnRamp package consists of:

- Receiving the e*Xpressway Integrator OnRamp base schema from the Trading Exchange’s e*Xpressway Integrator Web site in a .zip file
- Extracting (unzipping) the OnRamp base schema files
- Placing the OnRamp base schema files on your local machine

2.2 e*Xpressway Integrator OnRamp overview

e*Xpressway Integrator OnRamp is a collection of system components that comprise an e*Gate schema. The OnRamp schema contains all of the modules and configuration parameters to control, route, and transform data as it travels through the e*Gate system.

Schemas maintain the relationships between the components, including the publish/subscribe information that is at the heart of the data transportation and translation process. Whenever you define or configure components, establish data routing between components, or exchange files with the e*Gate Registry, you do so within the context of a single schema.

You can also import or export schema components, or entire schemas, so that you can move a working configuration from one environment to another; for example, moving from test to production environments.

2.3 e*Xpressway Integrator OnRamp details

To give you a sense of the scope of the e*Xpressway Integrator OnRamp base schema, the OnRamp package contains all the files that you need to create custom OnRamp Solution Packages for Trading Exchanges and their Trading Partners.

To design OnRamp Solution Packages, you will use your e*Gate Enterprise Manager development environment to customize the OnRamp base schema you downloaded from the Trading Exchange Web site.

Note: *OnRamp Solutions must be based on Java-enabled SeeBeyond e*Ways.*

OnRamp base schema components

The OnRamp base schema consists of the following components:

- A Participating Host named **localhost**
- A Control Broker named **localhost_cb**
- An IQ Manager named **localhost_iqmgr** that uses SeeBeyond Standard Queuing
- An IQ named **The_IQ**
- An e*Way named **Batch** that uses **stcewgenericmonk.exe** and has an associated **batch.cfg** file for the e*Way settings
- An e*Way named **HTTPS** that uses **stcewgenericmonk.exe** and has an associated **https.cfg** file for the e*Way settings
- An e*Way named **CGI** that uses **stcewipmp.exe** and has an associated **cgi.cfg** file for the e*Way settings

Collaboration Rules

- GenericOut Pub/Sub GenericOutEvent, Passthrough
- GenericIn Pub/Sub GenericInEvent, Passthrough
- CGIIn Pub GenericInEvent/GenericAckEvent Sub GenericWebEvent

Batch e*Way Collaborations

- Batch_from_TP GenericOutEvent Ext to GenericOutEvent on Outbound IQ
- Batch_to_TP GenericInEvent HTTPS_from_TE and HTTPS_from_TE_Ack to GenericInEvent Ext

HTTPS e*Way Collaborations

- HTTPS_to_TE GenericOutEvent Batch_from_TP GenericOutEvent Ext
- HTTPS_from_TE_Ack GenericInEvent Ext to GenericInEvent on Inbound IQ

CGI e*Way Collaborations

- HTTPS_to_TE_Ack GenericOutEvent HTTPS_from_TP GenericOutEvent Ext
- HTTPS_from_TE GenericWebEvent Ext to GenericInEvent and GenericAckEvent on Inbound IQ

2.4 Downloading the e*Xpressway Integrator OnRamp base schema

If you have been granted Administrator privileges by the Trading Exchange web site administrator, you can log into the **Solution Provider** pages and download the e*Xpressway Integrator OnRamp base schema files.

To download the e*Xpressway Integrator OnRamp base schema files

- 1 Start your browser and go to the Trading Exchange **Administration** portal.
- 2 Type your **User Name** and **Password** and click **Log In**.
- 3 Under **Admin Tools**, click the **OnRamp Solution Tools** link.
- 4 Select the e*Xpressway Integrator OnRamp from the list of choices.
- 5 Click **Download**.
- 6 Select **Save this program to disk** and click **OK**.
- 7 Specify a location on your local machine to save the file, then click **Save**.
Remember where you saved the file.
- 8 When the download is complete, on your local machine, go to the location where you saved the file.
- 9 Using a file archive utility (such as PKUnzip, WinZip, Jar, or equivalent), open the schema.zip file.
- 10 If you are using WinZip, on the **Extract** dialog box, do the following:
 - Select **All files**.
 - Check **Overwrite existing files**.
 - Check **Use folder names**.

Customizing the OnRamp base schema

This chapter describes how to download the OnRamp base schema, create an OnRamp Solution Package, and upload the package to the Trading Exchange Web site.

This Chapter Includes:

- [“Overview” on page 6](#)
- [“Downloading the e*Xpressway Integrator Packager Tool” on page 8](#)
- [“Installing the e*Xpressway Integrator Packager tool” on page 9](#)
- [“Using the e*Xpressway Integrator Packager Tool” on page 10](#)
- [“Uploading the OnRamp Solution Package” on page 15](#)
- [“Working with the Trading Exchange sample schema” on page 18](#)

3.1 Overview

Customizing the OnRamp base schema consists of:

- Receiving the e*Xpressway Integrator OnRamp base schema from the client Trading Exchange in .zip file format
- Extracting (unzipping) the base schema files
- Placing the base schema files on your local machine
- Importing the base schema
- Using e*Gate Enterprise Manager to customize the schema
- Saving the schema under a new name
- Packaging the schema with the e*Xpressway Integrator Packager Tool

Note: You must first download the Packager Tool from the Trading Exchange Web site and install it. For more information, see [“Installing the e*Xpressway Integrator Packager tool” on page 9](#).

- Uploading the schema to the Trading Exchange’s **OnRamp Customization Management** Web page

3.1.1 Viewing available OnRamp Solution Packages

The **OnRamp Customization Management** page shows the OnRamp Solution Packages that are on the Trading Exchange's server and currently available for download by Trading Partners. OnRamp Solution details are also displayed on the page (package name, version, translations, etc.).

Trading Exchange **SEEBEYOND.**

[Main](#) [Log Out](#)

Admin Tools

[Trading Partner Management](#)

[Personalization Management](#)

OnRamp Customization Management

[OnRamp Solution Tools](#)

These are the OnRamp Solution Packages currently available for your Trading Partners.

To upload a new collaboration package, click **Uploader**, below:

Uploader

Package Name	Ver	Description	Back-end format	Exchange format	# Formats	Size	PKI	Actions
Test1	00	test	Ros. 20 (xml)	xCBLxx	1	88KB	no	View Notes Download Delete!

- For more information about a specific Package, click the **Notes** button aligned with the Package details.
- To download a OnRamp Solution Package, click the **Download** button aligned with the Package details.
- To delete a OnRamp Solution Package from the list, click the **Delete** button.

[Main](#) | [Log Out](#)

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The following Web-based tools let you access and manage OnRamp Solution Packages:

- To upload a new OnRamp Solution Package to the Trading Exchange Web server, click **Upload**.
- To view information about a particular OnRamp Solution Package (comments added by the Solution Provider), click **View Notes**.
- To download an OnRamp Solution Package to your local machine, click **Download**.
- To delete an OnRamp Solution Package, click **Delete**.

3.1.2 e*Xpressway Integrator OnRamp Solution Tools

The e*Xpressway Integrator OnRamp Solution Tools consist of the following:

- The e*Xpressway Integrator OnRamp Solution Package (the base schema)
- The e*Xpressway Integrator Packager Tool

e*Xpressway Integrator OnRamp Solution Package

The e*Xpressway Integrator OnRamp consists of the complete OnRamp software environment, including all executables will use this tool to develop OnRamp Solution Packages for Trading Partners with different collaboration requirements.

e*Xpressway Integrator Packager Tool

The e*Xpressway Integrator Packager Tool tool lets you “zip up”, (package) new OnRamp Solution Packages for upload to the **OnRamp Customization Management** page for download by Trading Partners.

3.2 Downloading the e*Xpressway Integrator Packager Tool

There are three ways to acquire the e*Xpressway Integrator Packager Tool:

- As an e-mail attachment from the Trading Exchange
- Via FTP from the Trading Exchange
- Downloaded from the **OnRamp Solution Tools** page on the Trading Exchange Web site

Note: *To download the e*Xpressway Integrator Packager Tool from the **OnRamp Solution Tools** page on the Trading Exchange Web site, the Trading Exchange administrator must first give you an Administrator login ID and password privileges.*

To download the e*Xpressway Integrator Packager Tool

- 1 From your browser, go to the Trading Exchange **Administration** portal.
- 2 Type your **User Name** and **Password** and click **Log In**.
- 3 Under **Admin Tools**, click the **OnRamp Solution Tools** link.

The **OnRamp Solution Tools** page appears.

Trading Exchange SEEBEYOND.

[Main](#) [Log Out](#)

Admin Tools **OnRamp Solution Tools**

Trading Partner Management

Personalization Management

OnRamp Customization Management

OnRamp Solution Tools

This is where Solution Providers for **donster** will find the tools and information they need to build solution packages for Trading Partners.

Please download the following items:

Item	Description	Version	Download
e*Xpressway Integrator OnRamp	The full OnRamp software environment (including executables) that TPs will download and then customize, made available to you as a template to develop OnRamp Customizations. Use this template to develop new e*Xpressway Integrator OnRamp solutions with different collaboration needs. NOTE: If this software is installed on a machine with e*Gate components installed on it already, then either or both products may be impacted. It is recommended that this software is installed on an "e*Gate-free" machine for optimal results.	1.0	Download
The Packager Tool	Use this application to prepare new OnRamp Customizations for e*Xpressway Integrator that can then be uploaded to the Trading Exchange Website.	1.0	Download
The e*Xpressway Integrator Guide for Solution Providers	The user documentation for all provided tools.	1.0	Download

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- 4 In the table, to the right of the e*Xpressway Integrator Packager Tool description, click **Download**.
- 5 Select **Save this program to disk** and click **OK**.
- 6 Specify a location on your local machine to save the file, then click **Save**.
Remember where you saved the file.

3.2.1 Installing the e*Xpressway Integrator Packager tool

After you download the e*Xpressway Integrator Packager Tool .zip file, extract the files, and use the supplied installer to install the Packager Tool.

To install the e*Xpressway Integrator Packager Tool

- 1 Go to the location where you saved the downloaded file.
- 2 Using a file archive utility (such as PKUnzip, WinZip, Jar, or equivalent), open the e*Xpressway Integrator Packager Tool .zip file, **packager.zip**.
- 3 If you are using WinZip, on the **Extract** dialog box, do the following:
 - Select **All files**.

- Check **Overwrite existing files**.
 - Check **Use folder names**.
- 4 In the folder into which you extracted files, locate the **setup.cmd** file.
 - 5 Double-click **setup.cmd**.

The e*Xpressway Integrator Packager Tool is installed and a program icon is placed on your desktop.

3.3 Using the e*Xpressway Integrator Packager Tool

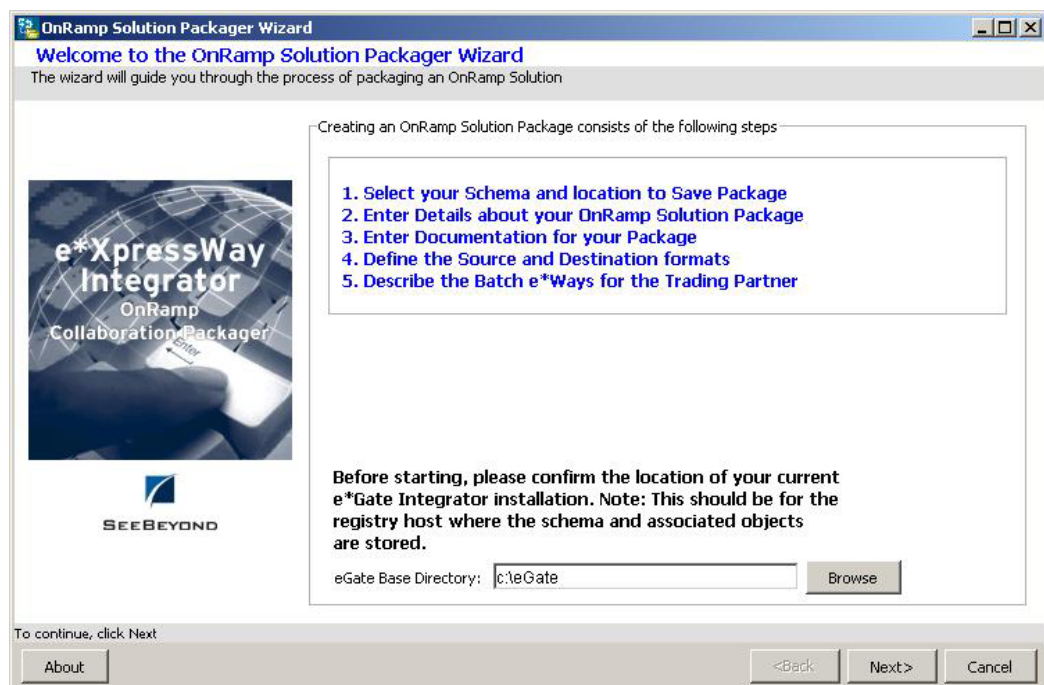
The e*Xpressway Integrator Packager Tool is a Wizard that leads you through the process of creating an OnRamp Solution Package. After you have built the custom schema, you will use the e*Xpressway Integrator Packager Tool to package the files for uploading to the Trading Exchange server.

Creating an OnRamp Solution Package consists of the following steps:

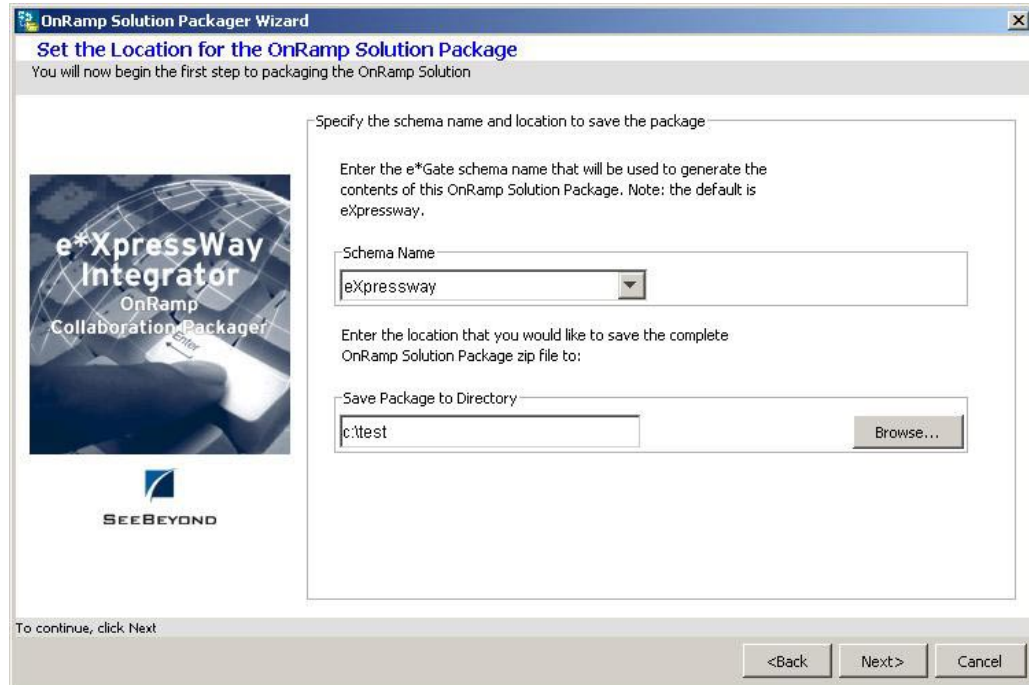
- Selecting the schema and specifying a location to save the completed package
- Adding test describing the schema in the OnRamp Solution Package
- Specifying the source and destination formats for display on the Trading Exchange Web site
- Describing the Batch e*Ways for the Trading Partner

To create an OnRamp Solution Package using the e*Xpressway Integrator Packager Tool

- 1 On your desktop, double-click the **e*Xpressway Integrator Packager Tool** icon.



- 2 In the **e*Gate Base Directory** box, type the location on your local machine where e*Gate Integrator is installed. (This is the location of the registry host and associated components).
- 3 Click **Next**.



- 4 In the **Schema Name** box, type the name of the new OnRamp Solution Package.
- 5 In the **Save Package to Directory** box, type or browse to the location where you want to save the schema after it is packaged.
- 6 Click **Next**.

OnRamp Solution Packager Wizard

Enter the Package Information

The Onramp Solution Directory to be exported is: c:\eGate\Server\registry\repository\eXpressway

Specify the package details

Do you want to force the Trading Partner to use Public Key Encryption with this OnRamp Solution Package?

Use PKI

☒ Yes ☐ No

Please enter a Name, Description and Version number for the OnRamp Solution Package. Note: The package name and version will be used to determine if this package is unique when uploaded.

Name
testpkg

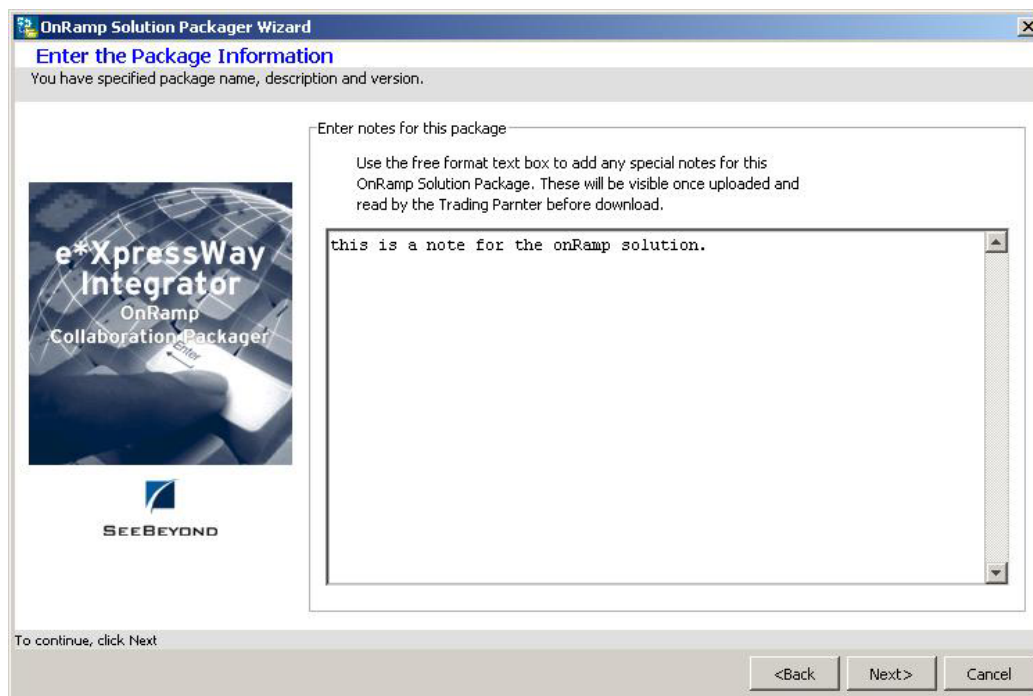
Description
a test pkge

Version
test1

To continue, click Next

<Back Next> Cancel

- 7 If the OnRamp Solution Package requires encryption (PKI), in the **Use PKI** area, select **Yes**.
If encryption is not required, select **No**.
- 8 In the **Name** box, type the name for the OnRamp Solution Package.
- 9 In the **Description** box, type a brief description of the schema.
This information will be made available on the Trading Exchange Web site's **onRamp Customization Management** page.
- 10 In the Version box, type in version data (version data can be alphanumeric.)
The package name and version data are used by the **OnRamp Customization Manager** to identify OnRamp Solution Packages as unique or duplicate.
- 11 Click **Next**.

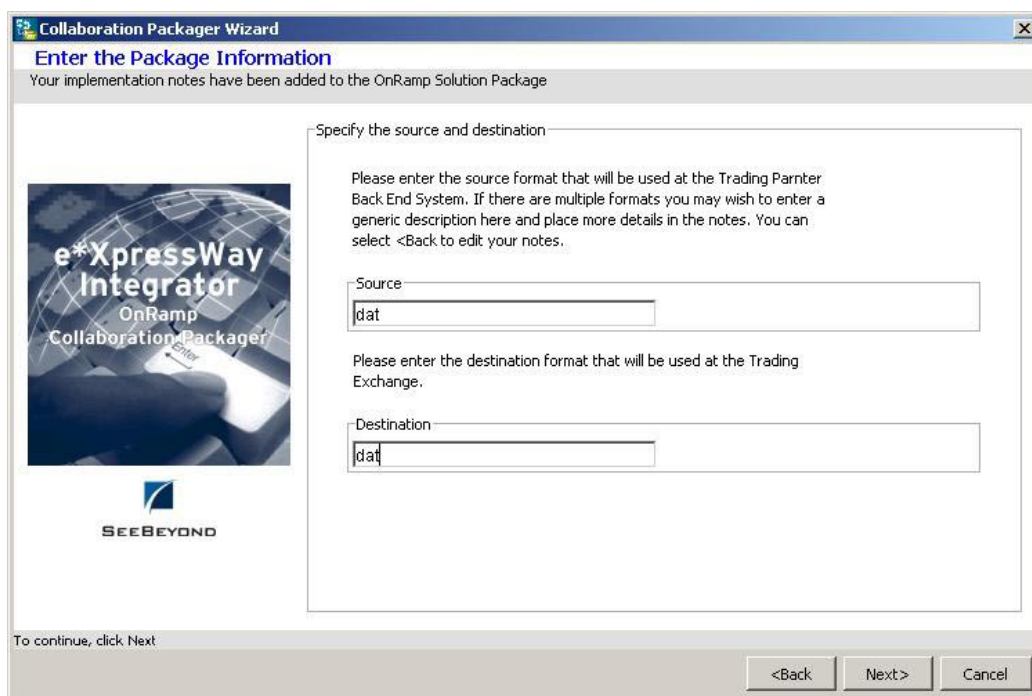


- 12 In the **Enter notes for this package** box, type your assessment of what the Trading Exchange and its Trading Partners will need to know before downloading and installing the schema.

This box accepts free format text.

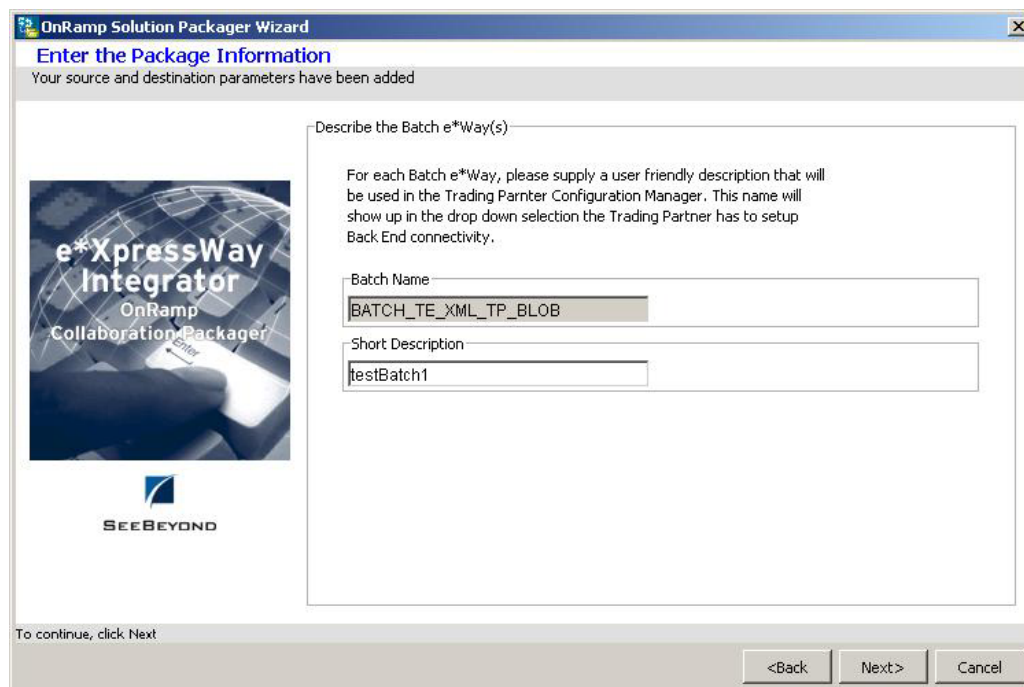
This information will be made available on the Trading Exchange Web site's **onRamp Customization Management** page and the Trading Partner-facing **OnRamp Solutions** page when the **Notes** button is clicked.

- 13 Click **Next**.



The screenshot shows the 'Collaboration Packager Wizard' dialog box. The title bar reads 'Collaboration Packager Wizard'. The main heading is 'Enter the Package Information'. Below this, a status bar says 'Your implementation notes have been added to the OnRamp Solution Package'. On the left, there is a graphic with the text 'e*XpressWay Integrator OnRamp Collaboration Packager' and the 'SeeBeyond' logo. The main area is titled 'Specify the source and destination'. It contains two text input fields. The first is labeled 'Source' and contains the text 'dat'. The second is labeled 'Destination' and also contains the text 'dat'. Below the 'Destination' field, there are three buttons: '<Back', 'Next>', and 'Cancel'. At the bottom left, it says 'To continue, click Next'.

- 14 In the **Source** box, type the source file format of the schema.
- 15 In the **Destination** box, type the destination format of the schema.
- 16 Click **Next**.



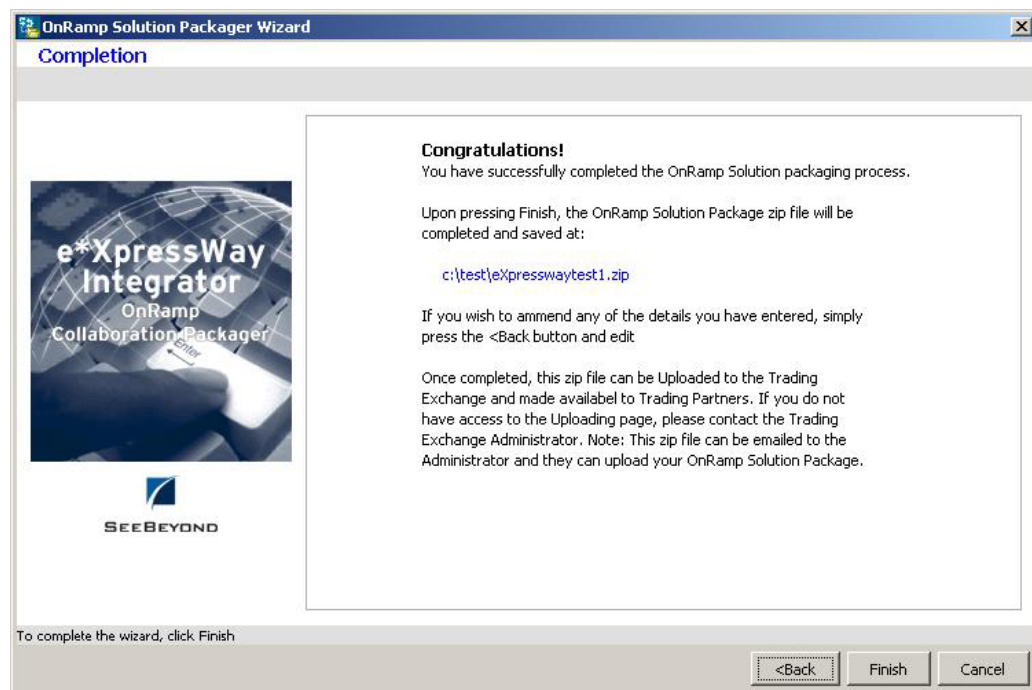
The screenshot shows the 'OnRamp Solution Packager Wizard' dialog box. The title bar reads 'OnRamp Solution Packager Wizard'. The main heading is 'Enter the Package Information'. Below this, a status bar says 'Your source and destination parameters have been added'. On the left, there is a graphic with the text 'e*XpressWay Integrator OnRamp Collaboration Packager' and the 'SeeBeyond' logo. The main area is titled 'Describe the Batch e*Way(s)'. It contains two text input fields. The first is labeled 'Batch Name' and contains the text 'BATCH_TE_XML_TP_BLOB'. The second is labeled 'Short Description' and contains the text 'testBatch1'. Below the 'Short Description' field, there are three buttons: '<Back', 'Next>', and 'Cancel'. At the bottom left, it says 'To continue, click Next'.

- 17 In the **Batch Name** box, type the names of the Batch e*Ways in the package.

You will be prompted for the name of each Batch e*Way.

When a Trading Partner installs the e*Xpressway Integrator OnRamp Solution Package, the names of the Batch e*Ways will be made available in the **Configuration Manager** dialog box. Trading Partners who require back-end connectivity will select a solution from the list of Batch e*Ways to support their back-end configuration.

- 18 In the **Short Description** box type a Trading Partner-friendly description of each Batch e*Way for display in the Notes window.
- 19 Click **Next**.



- 20 If you want to correct any of the details that you provided to the e*Xpressway Integrator Packager Tool, click **Back** and make your changes.
- 21 If you are satisfied with your packaging information, click **Finish**.

Your next step is to upload the OnRamp Solution Package to the Trading Exchange Web site's server.

3.4 Uploading the OnRamp Solution Package

When the OnRamp Solution Package is completed, the next step is to upload it to the Trading Exchange Web site server. The OnRamp Solution Package will be added to the list of packages on the **OnRamp Customization Management** page.

To upload the OnRamp Solution Package to the Trading Exchange Web site

Note: These instructions assume you have an Administrator login ID and password on the Trading Exchange server. If you do not have these privileges, use FTP or attach the package to an e-mail.

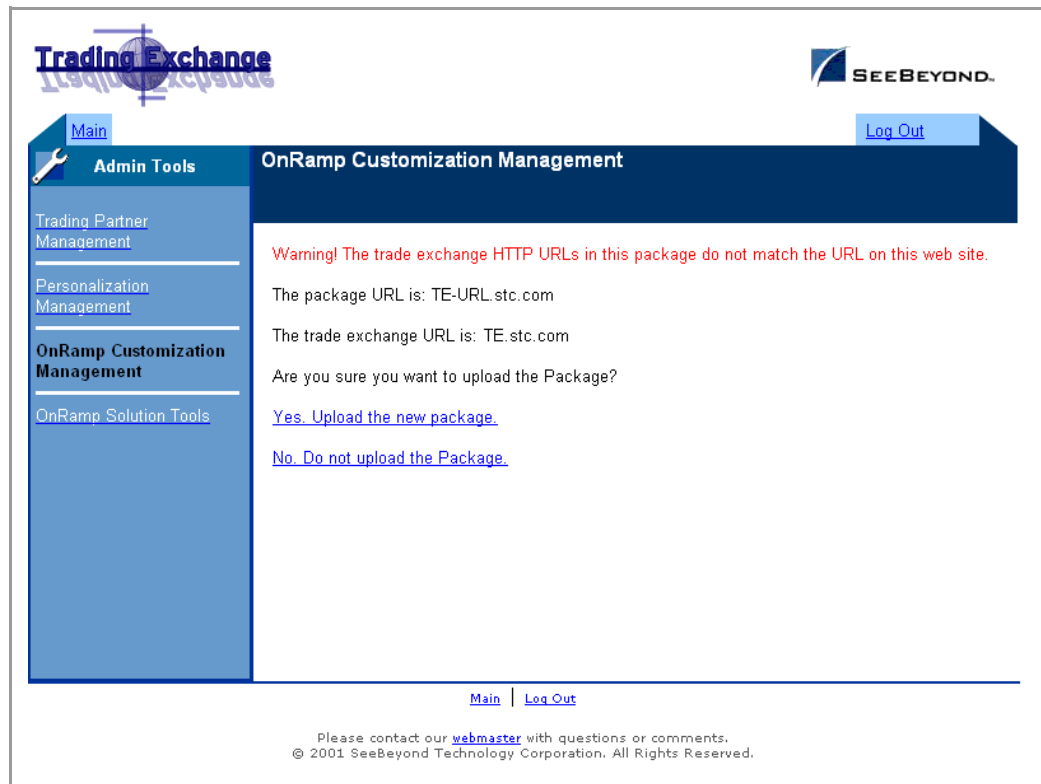
- 1 Start your browser and go to the Trading Exchange **Administration** portal.
- 2 Type your **User Name** and **Password** and click **Log In**.
- 3 Under **Admin Tools**, click the **OnRamp Customization Management** link.
- 4 The **OnRamp Customization Management** page appears.
- 5 Click **Uploader**.

The next page that appears lets you find, select, and upload the OnRamp Solution Package.

The screenshot displays the 'OnRamp Customization Management' interface. On the left is a navigation menu with links: Main, Admin Tools, Trading Partner Management, Personalization Management, OnRamp Customization Management (highlighted), and OnRamp Solution Tools. The main content area is titled 'OnRamp Customization Management' and contains instructions: 'To upload the Package: 1. Click **Browse**. 2. Navigate to the OnRamp Solution Package you want to upload. 3. Select the OnRamp Solution Package file. 4. Click **Upload**.' Below the instructions is a workflow diagram with two steps: '1 Select File' pointing to a 'Path:' text box and a 'Browse...' button, and '2 Upload File' pointing to an 'Upload' button. The footer includes links for 'Main' and 'Log Out', and a copyright notice: '© 2001 SeeBeyond Technology Corporation. All Rights Reserved.'

- 6 In the **Path** box, type the path and file name for the OnRamp Solution Package, or click **Browse**, to find and select the file.
- 7 Click **Upload**.

If the name of the URL in the package does not match the name of the URL listed on the Web site, a warning message is displayed.



- 8 Compare the names and do one of the following:
 - If you do not want to upload the package, click **No. Do not upload the Package.**
 - If the name difference is irrelevant, and you want to upload the package, click **Yes.Upload the new package.**
- 9 If the name of the OnRamp Solution Package that you are uploading is the same as an existing package already stored on the Web site, a warning message is displayed telling you that uploading the package now will overwrite the package on the Web site.
- 10 Do one of the following:
 - If you do not want to upload the package, click **No. Do not upload the Package.**
 - If you want to replace the existing package, click **Yes.Upload the new package.**

When you are finished, an acknowledgement page appears.

The screenshot shows the 'OnRamp Customization Management' page. The left sidebar contains links: Main, Admin Tools, Trading Partner Management, Personalization Management, OnRamp Customization Management (selected), and OnRamp Solution Tools. The main content area displays a message: 'You have successfully uploaded the following OnRamp Solution Package for Trading Partner availability:'. Below this is a table with the following data:

Package Name	Ver	Description	Source	Destination	Formats	Size	PKI	Notes
Test2	1	test	test one	test two	1	88KB	no	Notes

Below the table is a link: [Return to Collaborations List](#). At the bottom of the page, there are links for 'Main' and 'Log Out', and a footer note: 'Please contact our [webmaster](#) with questions or comments. © 2001 SeeBeyond Technology Corporation. All Rights Reserved.'

You have completed the package upload process.

3.5 Working with the Trading Exchange sample schema

The Trading Exchange (TE) sample schema is only available directly from the Trading Exchange; it is not available on the Trading Exchange Web site. You may find this schema of value as a part of a testing environment for new OnRamp Solution Packages. To acquire the TE sample schema, contact the Trading Exchange and have it sent to you via e-mail attachment or FTP.

Note: You will need a full install of e*Gate 4.5.1 to run the TE sample schema. Also, do not host OnRamp and e*Gate 4.5.1 on the same machine.

To customize the TE sample schema

- 1 Using your archive utility, open the sample schema file.
- 2 Extract the sample e*Gate schema files into the current directory or another directory of your choice (for example `c:\temp`).
- 3 Start e*Gate Enterprise Manager.
- 4 Import the sample schema.

- 5 Rename the sample schema.
- 6 Using the **Java Collaboration Rule Editor**, edit the sample schema collaboration files to correspond to the requirements that you received from the Trading Exchange.
- 7 When you are finished with the schema, in the **Java Collaboration Rule Editor**, do the following:
 - A Select **File** > **Save** to save the collaboration file.
 - B Select **File** > **Compile** to compile the collaboration file.
 - C Select **File** > **Promote** to promote the collaboration file.
- 8 Exit the **Java Collaboration Rule Editor**.

e*Way naming conventions

Only one HTTP e*Way Connection is allowed per schema. The naming convention for this e*Way connection and the configuration (.cfg) file should reflect that of the sample schema (eXI_Sample_Java_TE), for example:

- HTTP e*Way Connection name = HTTP_to_TE
- HTTP e*Way Connection configuration file name = HTTP_to_TE.cfg

Where to get more information

For more information, refer to following:

- *HTTPS e*Way Intelligent Adapter User's Guide*
- *Batch e*Way Intelligent Adapter User's Guide*
- *CGI Web Server e*Way Intelligent Adapter User's Guide*

3.6 Cleanup programs for Trading Partners

There are two utilities located in the `\client\bin` directory that were installed along with e*Xpressway Integrator Onramp: **CleanUpQueues.cmd** and **CleanUpLogs.cmd**.

- The **CleanUpQueues.cmd** program purges all pending IP transactions and temporary files.
- The **CleanUpLogs.cmd** program purges all log files in the `\client\logs` directory.

These programs help maintain a clean environment should OnRamp debugging be necessary and will be useful when you are testing a new OnRamp Solution.

To run these programs, simply go to the `\client\bin` directory and double-click the program that you want to run.

Glossary

Admin Site: Web site used by a Trading Exchange Administrator to personalize and manage a Trading Exchange account.

CA: *Certificate Authority.* Issues and manages security credentials and public keys for message encryption.

See also, *Certificate*.

Certificate: Electronic document that establishes credentials when performing transactions over the Internet. Issued by a Certificate Authority.

Config File: Used by Trading Partners to configure e*Ways. Included with each e*Way in an OnRamp Solution Package. Read by the Configuration Tool.

Config Tool: See *e*Xpressway OnRamp Configuration Manager*

eXI Server: See *e*Xpressway Integrator Server*

eXI OnRamp: See *e*Xpressway Integrator OnRamp*

Export File: Created by the Packager Tool to export an e*Gate schema.

e*Xpressway Integrator OnRamp: A small-footprint, downloadable component consisting of an e*Gate schema, that provides the base platform, base schema objects, Apache Web Server and the e*Xpressway OnRamp Configuration Manager.

e*Xpressway OnRamp enables the exchange of transaction data with the Trading Exchange using HTTPS communication, PKI encryption, and File- based back-end systems at the Trading Partner site.

e*Xpressway Integrator OnRamp Configuration Manager: Used by Trading Partners to customize the configuration of an OnRamp Solution Package installed on e*Xpressway OnRamp. Enables customization of HTTPS, Security, and the File/FTP-based connections by importing an OnRamp Solution Package downloaded from the eXI Server, and setting values through a Graphical User Interface. Also called the Config Tool.

e*Xpressway Integrator Server: A server-based product that is hosted by a Trading Exchange that:

- Lets Solution Providers upload OnRamp Solution Packages.
- Lets Trading Partners download software and OnRamp Solution Packages.
- Provides customization and update tools for both the Trading Exchange administrator and the Trading Partner.

Note: eXI Server does not provide transactional capabilities and is not to be confused with a Trading Exchange.

e*Xpressway Integrator Server Administrator (eXI Admin): Individual with Administrative-level privileges on the e*Xpressway Integrator Server who can organize Trading Exchanges and set up, personalize, and administer the Trading Exchange environment.

HTTPS: *Secure Hypertext Transfer Protocol.* A Web protocol that encrypts and decrypts data sent via the Internet by a client (like a web browser), as well as data that are returned to the client by the Web server. HTTPS uses the Secure Socket Layer (SSL) as a sub-layer under standard HTTP.

Member Site: Web site accessed by a Trading Partner after approval by a Trading Exchange. The Member Site is accessible only after requesting and receiving approval via the Public Site and obtaining a logon from the Trading Exchange Administrator. The Member Site provides access to the e*Xpressway Integrator OnRamp and OnRamp Solution Packages to enable integration of the Trading Partner with the Trading Exchange.

OnRamp Solution: Core component of e*Xpressway OnRamp. A scaled-down version of e*Gate 4.5 with a Registry Host, light Participating Host, limited e*Ways, and a Control Broker.

OnRamp Solution Center: Area hosted on the e*Xpressway Integrator Server for uploading and downloading OnRamp Solution Packages. Provides information on available OnRamp Solution Packages, including version, source, destination, and installation notes

OnRamp Solution Package: Integration software package developed from the OnRamp Solution e*Gate schema by a Solution Provider. An OnRamp Solution Package provides data translation between different data formats used by a Trading Partner and a Trading Exchange. OnRamp Solution Packages are hosted on the e*Xpressway Server, and are made available to Trading Partners via the e*Xpressway OnRamp Packager Tool. A list of downloadable OnRamp Solution Packages is available in the OnRamp Solution Center.

See also, *OnRamp Solution*.

Packager Tool: A software packaging tool used by a Solution Provider to prepare custom OnRamp Solution Packages to be made available to Trading Partners via the e*Xpressway Server Trading Exchange Admin Site.

PKI: *Public Key Infrastructure.* Enables users of an unsecured public network like the Internet to securely and privately exchange data through the use of a public and a private cryptographic key pair that is obtained and shared through a trusted authority. Public Key Infrastructure provides for a digital certificate that can identify an individual or an organization and directory services that can store and revoke the certificates.

Private Key: An encryption/decryption key known only to parties that exchange encrypted messages.

Properties File: Created by the Packager Tool to store information required by the OnRamp Solution Center and the Configuration Tool. Used by Trading Partners.

Public Key: A value provided by a designated authority as a key that, when combined with a private key derived from the public key, can be used to effectively encrypt messages and digital signatures.

See also, *PKI*.

Public Site: Web site accessed by a Trading Partner to request membership in a Trading Exchange.

See also, *Member Site*

Software Package: See *e*Xpressway OnRamp*

SP: See *Solution Provider*

Solution Provider: Systems Integrator, SeeBeyond Consultant, Trading Exchange Customer, or other appropriate individual with e*Gate skills who creates and packages OnRamp Solutions and uploads the Packages to the Trading Exchange's OnRamp Solution Center.

SSL: *Secure Socket Layer*. A common protocol for managing the security of message transmissions over the Internet. SSL uses the public and private key encryption system from RSA, which also includes the use of digital certificates.

TE: See *Trading Exchange*

TP: See *Trading Partner*

Trading Exchange: On the Internet, a business-to-business (B2B) organization that serves as an electronic broker for goods and services. A Trading Exchange communicates with a network of member Trading Partners.

In e*Xpressway Integrator, a Trading Exchange implements e*Xpressway Integrator Server to provide integration and transactional services to Trading Partners via the Internet.

Trading Partner: On the Internet, a business-to-business (B2B) organization that is a member of one or more Trading Exchanges. A Trading Partner communicates with a trading Exchange to buy or sell goods and services. Trading Partners send and receive business transaction data over the Internet via Trading Exchanges.

In e*Xpressway Integrator, a Trading Partner deploys small-footprint software components downloaded from the e*Xpressway Integrator Server to communicate with a Trading Exchange.

Uploader Tool: A Web-based tool used by a Solution Provider to upload OnRamp Solution Packages created with the Packager Tool.

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