

Gentran Integration Suite™

Navigation Guide

Version 4.3

Sterling Commerce
An IBM Company

© Copyright 2008 Sterling Commerce, Inc. All rights reserved.
Additional copyright information is located on the Gentran Integration Suite Documentation Library:
<http://www.sterlingcommerce.com/Documentation/GIS43/homepage.htm>

Contents

Introduction to Navigating Gentran Integration Suite.	5
Log In and Out.	5
Log Out	6
User Lock Out	6
Troubleshoot User Logins	6
Edit the Lock Out Parameter.	6
Text Conventions.	7
Initial Login Display	9
Community Management Application Navigation	10
Advanced File Transfer Features	10
Typical Page Layout	10
Portlet View Pane Pages	10
Procedure Pages	10
Menus	12
Wizard Navigation and Navigation Buttons	17
Icon Table	18
Required Fields	21
Date and Time Formats	22
Time Formats	22
Filter and Group Selection Fields	22
Group Selection Fields	23
Searches	24
Types of Searches	24
Basic and List Searches	25
Advanced Searches	26
Data Flows Searches	28
Communication Sessions Records Searches.	29
Correlation Searches	30
Portlet-Specific Searches	31
About Help	32
Where to Find Help	32
Support On Demand	33
Online Documentation Library	34
About Associated External Applications	35
Install and Access Associated External Applications.	36
Access the GPM with Java Web Start	36
Access the Map Editor	37
Access the AS2 Edition or Item Synchronization Application	37
Access the MESA Developer Studio	37

Introduction to Navigating Gentran Integration Suite

The Gentran Integration Suite interface is designed to simplify your tasks by making navigation between functional areas of the product quick and intuitive. Throughout the interface, navigation aids such as **Back** and **Next** buttons, menu organization, and task flow are generally consistent so that you can proceed with confidence to complete your activities.

The Gentran Integration Suite interface enables you to create, configure, and manage your Gentran Integration Suite operations, using menu selections to steer you toward the related activities you must undertake.

The system provides access to files, business processes, Web templates, services, and product features according to permissions assigned by the system administrator to your user account. Therefore, the activities you can complete and the portions of the interface to which you have access depend on the permissions assigned to your user account. In general, however, the interface enables the creation and management of:

- ◆ User accounts and permissions
- ◆ Trading partner profiles
- ◆ B2B packaging and communications definitions
- ◆ Translation maps (using the Map Editor)
- ◆ Process definitions (business process models)
- ◆ Reports
- ◆ Trading partner communities
- ◆ Online forms pages (Web templates)
- ◆ A federated system of peer Gentran Integration Suite systems

In addition, the interface enables:

- ◆ Configuration of services and adapters
- ◆ Monitoring and configuration of system operations
- ◆ Manual starting and stopping of processes
- ◆ Customizable display

Log In and Out

To access the Gentran Integration Suite interface, the application must be installed and you must log in.

After the product is installed, your system administrator creates your user account, assigning permissions related to using the various system components. Before you begin, contact your system administrator to obtain:

- ◆ The URL to access the Gentran Integration Suite interface in your browser window
- ◆ Your User ID
- ◆ Your password

To log in:

1. In your browser window, navigate to the URL your administrator provides. This displays the Gentran Integration Suite login page.
2. In the **User ID** field, type the user ID provided by your administrator.
3. In the **Password** field, type the password provided by your administrator.
4. Click **Sign In**.

If the Login page displays again, this indicates that your administrator requires you to create a new password the first time you log in, for security reasons. Complete the fields, entering a new password in the New Password field, and click **Sign In** again.

The Admin Console pane displays.

If your User ID and password do not work, contact your system administrator.

Log Out

To log out, in the upper right corner of the page, click **Logout**. When you click **Logout**, the system ends your session and displays the login page. If you have opened any additional windows in the application (for example, SQL Manager), close them as well.

User Lock Out

Troubleshoot User Logins

Users who fail to log in to Gentran Integration Suite should consider the following factors:

- ◆ Passwords are case-sensitive. Users should check that the Caps Lock key is off.
- ◆ Repeatedly entering an invalid user ID and password can lock the user out of the system. The number of allowed failed login attempts is configured by the system administrator. Users who are locked out should try the following strategies:
 - ◆ Log in using any other computer that has access to Gentran Integration Suite. Lock outs affect only the computer being used and do not apply to the user ID or password being attempted.
 - ◆ Wait 30 minutes until the lock expires. Then try again using the same computer.
 - ◆ Contact the system administrator to have the lock removed. The administrator uses the Lock Manager page in Gentran Integration Suite to deactivate that lock.

Edit the Lock Out Parameter

The lock out parameter specifies how many consecutive attempts users can fail to log in from a specific computer before being locked out. By default, the lock out parameter (ConsecFailedAttempts) is set to 0, which tells the login servlet to not lock users, regardless of the number of failures. System administrators

can set this lock out number to any numeric value by editing the `ui.properties.in` file in the `install_dir/properties` directory.

Caution: Make changes to the `ui.properties.in` file and not the `ui.properties` file. If you make changes to the `ui.properties` file only, and restart Gentran Integration Suite, the changes you made to the `ui.properties` file are overwritten by the `ui.properties.in` file.

Note: The `ConsecFailedAttempts` parameter controls the user lock out behavior for:

- ◆ Gentran Integration Suite Administration menu
- ◆ FTP Server adapter
- ◆ SSH/SFTP Server Adapter (for SFTP and SCP protocols)
- ◆ MBI (Mailbox Browser Interface)

To change the lock out parameter:

1. Stop Gentran Integration Suite.
2. In the `install_dir/properties` directory, locate `ui.properties.in`.
3. In a text editor, open `ui.properties.in`.
4. Locate the **ConsecFailedAttempts= 0** entry.
5. Highlight and change 0 to the new number of login attempts.
6. Save the `ui.properties.in` file under the same name in the same location.
7. In the `install_dir/bin` directory run the **setupfiles** script.
8. Restart Gentran Integration Suite. The changes you made in the `ui.properties.in` file are applied to the `ui.properties` file and come into effect for all user accounts.

Text Conventions

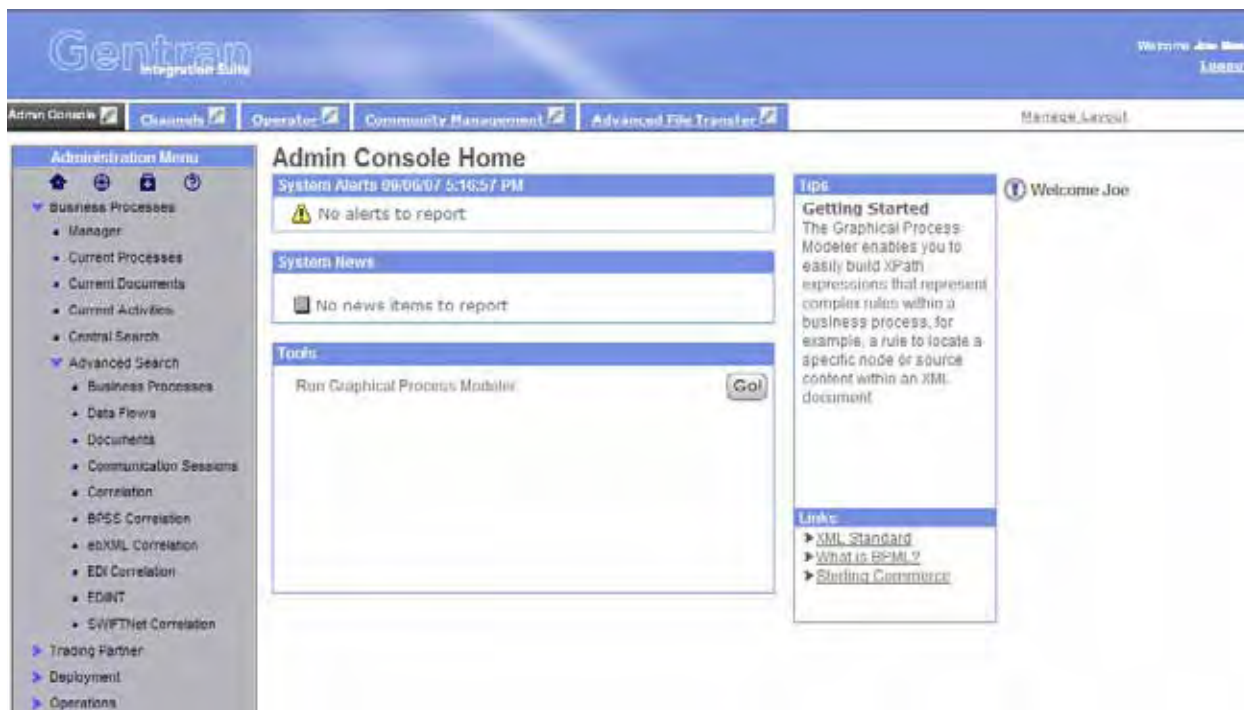
All Gentran Integration Suite user documentation adheres to the following text conventions related to the interface.

Convention	Description
Bold letters	Indicate: <ul style="list-style-type: none"> ◆ Menu commands – For example, “From the Administration Menu, select Deployment > Resource Manager.” ◆ Button names – For example, “Click Go!” ◆ Field names – For example, “In the Name field, type your name.” ◆ Tab names – For example, “Click the Community Management tab.” ◆ Interface page titles – For example, “In the Field Properties page, click OK.” ◆ Required parameters – For example, “In the Tag field, type \$\$\$.”

Convention	Description
Greater than symbol (>)	Indicates the selection sequence when you navigate several levels of menus. For example, "Select Setup > Advanced > Delivery Channels. "
<i>Italics</i>	Indicate variable information you must provide. Italic font also indicates topic titles and is used for emphasis in the text. Examples: <ul style="list-style-type: none">◆ Enter <i>/absolute/path/bin java -jar si30ba.jar</i>◆ For information, see <i>Creating a User Account</i>
<u>Underlined letters</u>	Indicate an Internet address (URL). For example, <u>www.sterlingcommerce.com</u> .

Initial Login Display

Initially, when you log in to Gentran Integration Suite, the Admin Console pane displays. The following figure shows the Admin Console pane.



The Admin Console pane is your access point to all the standard Gentran Integration Suite features. The interface uses a dashboard design that enables the display of additional optional panes that are available with other Gentran Integration Suite applications. The Operations option provides access to system administration information, including system troubleshooting, performance tuning, system logs, and license information.

The interface display can be customized in a variety of ways. Therefore, if any of the following are true, the Admin Console pane may not display when you log in, or may appear differently than it does in the illustration:

- ◆ You are logged in to a Gentran Integration Suite edition, such as the AS2 Edition (in this case, an edition-specific pane may display).
- ◆ The permissions associated with your user account limit your navigation of the interface to a smaller subset of components. In this case, some of the menu options may not display.
- ◆ The URL your administrator provided to access the Gentran Integration Suite interface in your browser window is the URL to the traditional (non-dashboard style) interface.

For purposes of exploring the interface, this documentation assumes that your interface contains all the standard menu options and the Admin Console pane is your entry point to the system.

Community Management Application Navigation

If you are running the Gentran Integration Suite Community Management application, your Community Management dashboard display includes panes called Channels and Community Management in addition to the Admin Console pane, and may include the Operator pane, depending on your assigned dashboard theme. If you have a license for the AFT Suite, the Advanced File Transfer pane may display as well, depending on your assigned dashboard theme.

Advanced File Transfer Features

If you are running the Gentran Integration Suite Advanced File Transfer features, your dashboard display includes the Advanced File Transfer pane in addition to the Admin Console pane.

Typical Page Layout

Portlet View Pane Pages

While the Admin Console is, by default, a home page within the interface, other panes are tailored to more specific uses through the use of *portlets* – snapshots arranged on the pane to work like windows into your system activity.

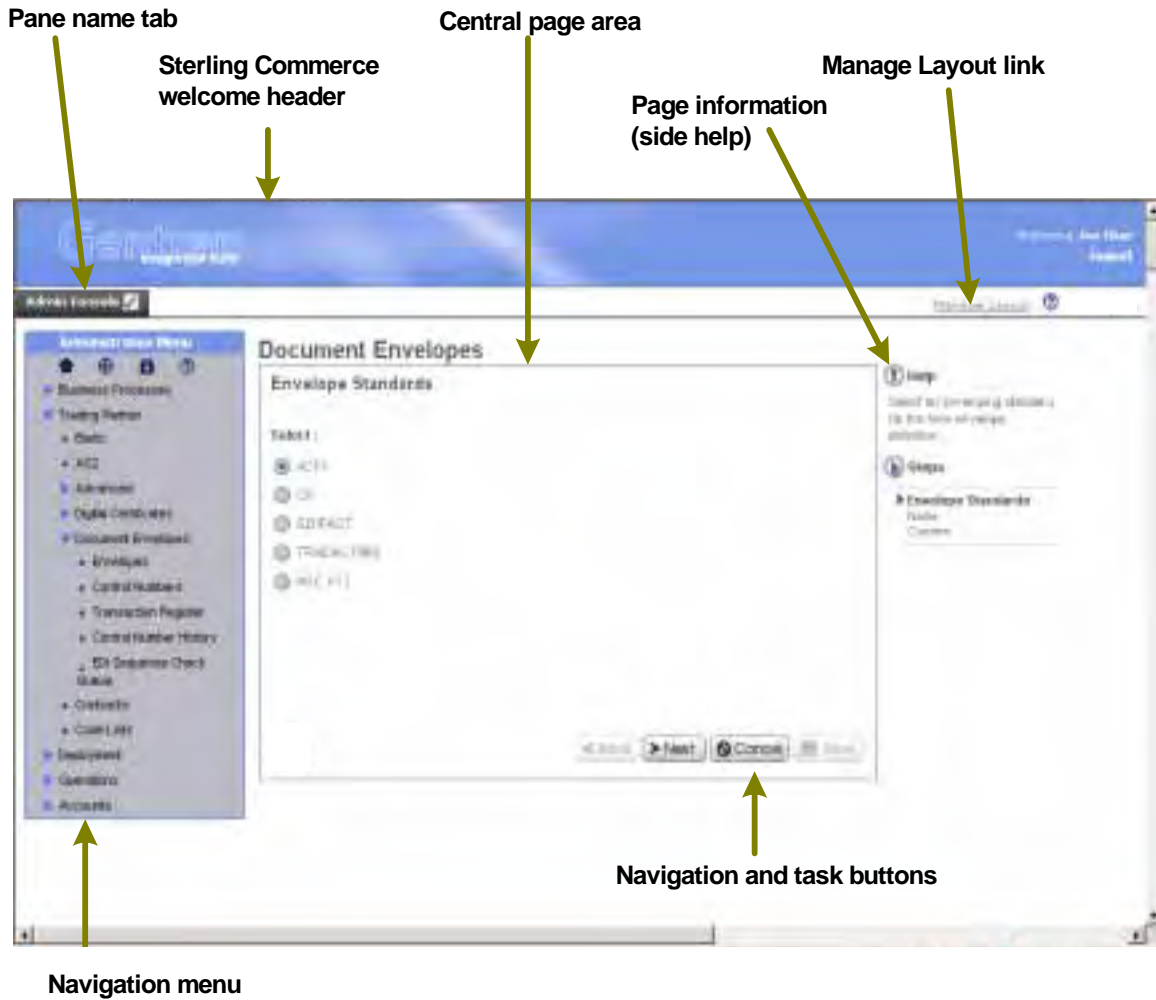
These portlet view pane pages, such as the Operator pane (click the tab to view it), provide at-a-glance visibility into your processing operations. You can customize your panes to select a specific portlet display, to better suit the way you use Gentran Integration Suite.

Procedure Pages

Procedure pages are the typical pages used in the Admin Console pane, Community Management pane, and Advanced File Transfer pane, as well as the home page panes for the Item Synchronization application and the AS2 Edition, to enable you to complete necessary activities, such as configuring services and adapters, creating trading partner profiles, creating reports, and searching for specific information.

Navigate to procedure pages by making selections from the navigation menu.

The following figure shows the standard parts of these interface pages:



The following table describes the labeled parts:

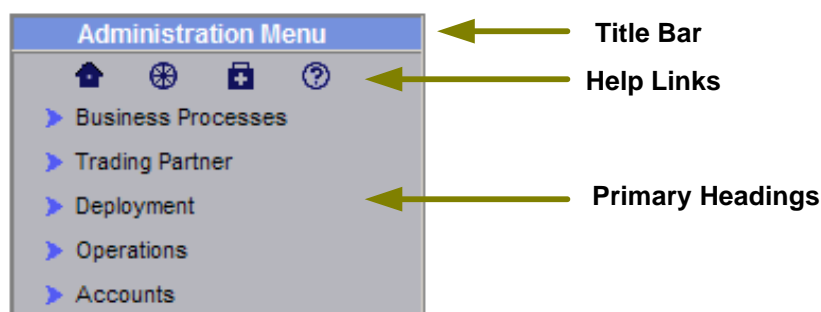
Page Component	Description
Sterling Commerce welcome header	Displays: <ul style="list-style-type: none"> ◆ Sterling Commerce logo ◆ Personalized welcome link (click your name to modify your user account settings) ◆ Logout link (click to log out and end your session)
Pane name tabs	Link to panes in the dashboard.

Page Component	Description
Manage layout link	Links to the Customize pane for customizing dashboard panes. You can customize pane and portlet content only if you are running the Gentran Integration Suite Community Management application.
Navigation Menu	The appropriate menu (such as Administration, Community Management, or AFT Management) displays for the pane you are in. Provides access either to process-related activities. For more information about the menu components, see <i>Menus</i> on page 12.
Central page area	Displays the page title and the body of the page, which are related to the menu selection used to navigate to the page. For example, if you select Business Process > Manager from the Administration menu, the Business Process Manager page displays. The page may contain subtitles related to different tasks you can initiate from the page.
Context-sensitive Help link	Displays context-sensitive help in a separate window, explaining how to complete the procedure related to the page you are on.
Navigation and task buttons	May include Back , Next , Cancel , Return , Save , Validate , and Finish . Enable you to go back and forth in the pages that make up a procedure, save changes, complete a task, cancel the procedure, or return to the initial page in a procedure or topical area. Note: Always use the Back and Next buttons in Gentran Integration Suite instead of your browser's Back and Forward arrow buttons. Using the browser buttons can cause errors in Gentran Integration Suite.
Page information (side help)	Describes the page and how to use it. May include a list of steps to complete the task. (The Community Management pane does not include side help).





Menus

Menus in the Gentran Integration Suite dashboard interface all work the same way to provide access to different components of the Gentran Integration Suite system.

The following figure shows a typical menu with the parts labeled:

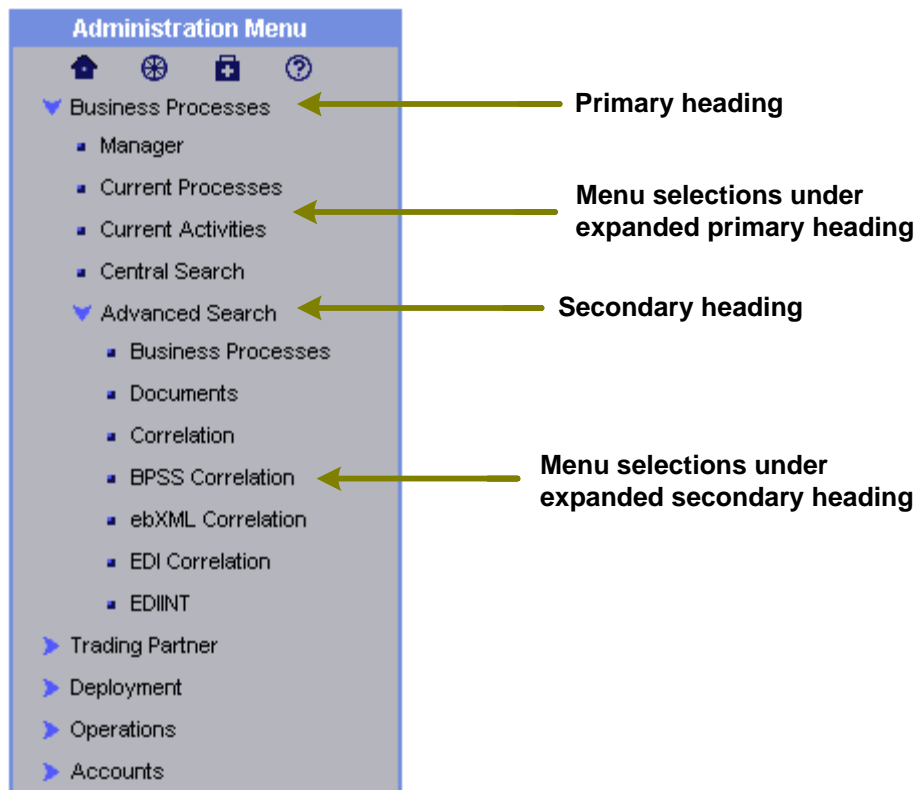


The following table describes the parts of the menus:

Menu Component	Description
Title bar	Identifies the menu.
Help links	<p>Provide quick navigation:</p> <ul style="list-style-type: none">  Home – displays the home page for the application or functional area you are working in (such as core Gentran Integration Suite, the Item Synchronization application, and the Community Management application).  Site Map – displays a site map of the application or functional area you are working in. Items on the site maps are links to navigate to a specific interface component.  Support – displays information about how to get technical support from Sterling Commerce and a link to open a support case.  Help – opens a separate window to display the Documentation Library, where you can access all Gentran Integration Suite documentation.
Primary headings	Indicate the category of menu selections you can access by expanding the headings. To expand the menu, click the primary heading. Click again to hide the related menu selections.

Some primary headings have secondary headings under them for access to another tier of menu selections. To show how the menu expands, the following diagram shows the **Business Process** primary heading

expanded, with the **Advanced Search** secondary heading beneath it also expanded (all headings have a blue arrow indicating that you can expand the menu by clicking):



The following table describes the primary heading menu options of the Administration Menu as they relate to specific tasks. Remember, some of the menu options illustrated and described in this document may not display in your interface, depending on the permissions assigned in your user account by the administrator who created it.

In the interface, you may want to navigate to the Admin Console pane and explore the menu as you read.

For information about the specific activities you can perform from a given page, see the page information (side help) on the page in the interface.

Primary Menu Heading	Description
Manager	<p>Provides access to pages for business process management activities, including:</p> <ul style="list-style-type: none"> ◆ Accessing the Graphical Process Modeler to create business process models ◆ Creating, deleting, and searching for business process definitions ◆ Checking business processes in and out of Gentran Integration Suite ◆ Starting, stopping, enabling, and disabling processes ◆ Monitoring current processes for information such as status, start and stop time, and errors ◆ Determining what other processes are related to a specific business process ◆ Searching for information about service activity within a business process ◆ Performing a wide range of advanced searches for business processes, documents, EDIINT transactions, and ebXML message flows
Trading Partner	<p>Provides access to pages for trading partner management activities, including:</p> <ul style="list-style-type: none"> ◆ Creating, modifying and searching for trading partner profiles ◆ Configuring and searching for advanced trading partner information such as transport records, document exchange information, delivery channels, and packaging information ◆ Creating, checking in and searching for digital certificates ◆ Creating, configuring and searching for document envelopes and related information such as the contents of the EDI Sequence Check Queue and the control number history ◆ Creating and locating contracts ◆ Creating and locating code lists

Primary Menu Heading	Description
Deployment	<p>Provides access to pages for services-related activities, including:</p> <ul style="list-style-type: none"> ◆ Searching for information about specific services ◆ Creating and searching for service configurations ◆ Creating and searching for schedules for business processes and services ◆ Accessing the Map Editor application and EDI or CII standards ◆ Checking in and searching for translation maps, XSL style sheets, XML schemas or DTDs, WSDLs (Web Services Description Languages), and Collaboration Protocol Agreements for ebXML ◆ Checking in, searching for, and exporting Web templates and resources ◆ Creating and managing mailboxes ◆ Checking in and searching for ebXML Business Process Specification Schemas and assigning business processes to activities in a schema ◆ Importing and exporting system resources ◆ Configuring SAP, Synchronization Engine, and BEA adapters ◆ Creating and packaging custom services and adapters ◆ PGP profile management
Operations	<p>Provides access to pages for systems operations-related activities, including:</p> <ul style="list-style-type: none"> ◆ Troubleshooting system problems ◆ Creating, scheduling, searching for, and viewing other reports ◆ Configuring performance tuning ◆ Entering a support case for Sterling Commerce ◆ Viewing system logs ◆ Updating and searching for product licences ◆ Monitoring running threads and messages ◆ Configuring and managing archive settings and locked resources ◆ Adding and configuring perimeter services ◆ Adding peers to a Federated System
Accounts	<p>Provides access to pages for user account-related activities, including:</p> <ul style="list-style-type: none"> ◆ Creating and searching for user groups, permissions, accounts, and password policies ◆ Creating and searching for user news messages ◆ Modifying your user account settings

Wizard Navigation and Navigation Buttons

Gentran Integration Suite uses wizard page progression to guide you through the steps involved in your procedures, such as configuring services and adapters, creating trading profiles and user accounts, and so forth.

Wizards present fields in sets on a progressive series of interface pages to collect the information comprising the body of data for a given configuration, such as a trading profile. Each set of fields is arranged on a page in the flow of wizard pages. After you enter the data for the first set, you click a navigation button, such as **Next**, to progress to the next page, and so on until you complete all necessary fields.

For example, when you select **Trading Partner > Basic** from the Administration Menu, the Trading Partners page displays. By clicking **Go!** next to the words “Create new trading partner” you start the related wizard page flow, in this case, the Trading Partner Setup flow.

The first page in the Trading Partner Setup wizard requires you to enter the relevant information and presents the set of navigation and task buttons that you use to navigate within the wizard and eventually save the required data.

All of the wizard pages in Gentran Integration Suite use navigation and task buttons in the same way. The following figure shows the buttons:



In this example, the **Back** button is inactive because this is the first page of a wizard, and the **Save** button is inactive when you are not yet at a point in the configuration at which you can save the data. Similarly, on the last page of a wizard, the **Next** button is inactive. To complete a configuration at the end of a wizard progression, click **Finish** (the system displays **Finish** rather than **Save** in the last page of a wizard).

As you progress through procedures in Gentran Integration Suite wizards, you may find that you need to confirm or change the settings you entered on a previous page. The **Back** and **Next** buttons enable you to navigate freely among the pages in the flow, while saving data you entered. At any time, you can click **Cancel** to exit the wizard without saving any new or changed data.













After you click **Finish** to complete a configuration, Gentran Integration Suite displays a message indicating that the system is updated with the information, and a **Return** button. Clicking **Return** displays the page from which you initiated the wizard.
















The system also displays the **Return** button on pages that enable you to view a list or table of information such as user account names or trading partner profiles, or detailed information accessed through a link or table. Clicking **Return** always exits a page and displays the page from which you navigated to the information.


Note: As you navigate the Gentran Integration Suite interface, use the navigation tools in the interface instead of the Web browser **Back** and **Forward** arrow buttons. Using the Back and Forward buttons in your browser can cause errors.

Icon Table

Gentran Integration Suite uses a set of icons throughout the interface to help you quickly identify information on pages and navigate to complete required tasks. The following table shows and describes the icons.

Icon	Description
	Customize pane or customize portlet Click to display the Customize pane for the appropriate tab or the Customize portlet pane for the portlet.
	Home Displays the Admin Console Home page (from the Administration Menu) or the Community Views page (from the Community Management Menu)
	Site Map Displays a site map of the component you are working in (Administration application or Community Management application).
	Support Displays information about how to get technical support from Sterling Commerce.
	Help Opens a separate window to display the Online Documentation Library, where you can access all Gentran Integration Suite documentation.
	News Indicates a news message posted by an administrator.
	Calendar Provides a means for you to select a day in a schedule.
	Pane On the Customize pane, represents a pane in the dashboard.
	Alert Indicates an alert or alert message from the system or a system administrator.
	Page information Indicates instructions about the page you are on (also called side help).
	Related steps Along with side help, indicates steps related to completing the procedure you are in.
	Status indicator <ul style="list-style-type: none">◆ For business processes – Process is encountering no errors or warnings at this point of the execution, or encountered no errors during recent execution.◆ For communities – The community relationship is established.

Icon	Description
	<p>Status indicator</p> <ul style="list-style-type: none"> ◆ For business processes – Process is one of the following: <ul style="list-style-type: none"> - Waiting for other activities to complete before continuing execution - Encountering errors or warnings during execution - Ended and encountered errors or warnings during execution ◆ For communities – Community relationship is not established.
	Status indicator in portlets for trading communities, indicating that the community relationship is partly established and data cannot be exchanged.
 or 	<p>Information</p> <p>Click to open a separate window to display more details about the related item.</p>
 edit	<p>Edit (This icon does not always include the word “edit”.)</p> <p>Click to modify the related item in the list or table (such as a user account or trading profile identity).</p>
 delete	<p>Delete</p> <p>Click to delete the related item in the list or table.</p>
 copy	<p>Copy</p> <p>Click to copy the selected item in the table or list, such as a trading partner profile.</p>
	<p>Clear</p> <p>Removes a corresponding selection from a list or table display.</p>
	<p>No security</p> <p>The item or service is not configured with security settings.</p>
	<p>Add</p> <p>Add a configuration (such as a trading partner community) or value (such as a schedule exclusion value).</p>
	<p>Tree view</p> <p>Displays a hierarchical view in a separate window of the indicated item, such as service types.</p>
	<p>List view</p> <p>Displays a list view in a separate window of the indicated item, such as service types.</p>
	<p>Filter</p> <p>Limits search or selection criteria to the data you enter.</p>
	<p>Move buttons</p> <p>Enable you to select items in a side-by-side pair of lists and move them back and forth between lists. The double arrow moves the entire contents of the list. A single arrow moves only one selected item. For an example, see <i>Filter and Group Selection Fields</i> on page 22.</p>
	<p>Warning</p> <p>Precedes a system message. Contact the administrator.</p>

Icon	Description
	Refresh Click to refresh the data to display the most current information.

Required Fields

Gentran Integration Suite requires you to enter data in certain fields before you can progress to the next page in a procedure or complete a task. These fields are called *required* fields.

In the Admin Console pane, these fields are signified by colored text for the field name.

The following figure shows required fields in the Admin Console pane:

Profiles

Test Profile: Profile Definition

Profile Type: EDI

GLN:

Delivery Channel:

Packaging:

Provider:

< Back > Next Cancel Save

Within the Community Management pane and Advanced File Transfer pane, asterisks (*) indicate required fields. The following figure shows required fields in the Community Management pane:

Community Information

*Community Name:

*EDIID:

*Contact Name:

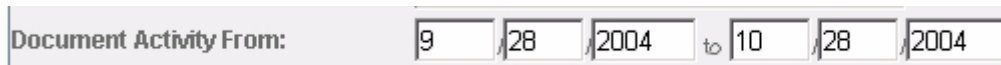
*Company's Name:

*Company's Address:

Any time you attempt to progress to the next page in a procedure and you have left a required field blank, Gentran Integration Suite displays a system message indicating the missing information. You cannot progress until you provide the data.

Date and Time Formats

The Gentran Integration Suite interface uses a variety of date formats for different fields in the interface. Some fields provide an example entry so that you can see the proper format to use. The following figure shows one such field:



Some date fields do not indicate the proper format.

If you are not sure, enter the date in the following format:

MM/DD/YYYY

If the format is incorrect, when you try to progress to the next step in the procedure or to save the information, Gentran Integration Suite displays a system message with instructions for the required format.

Your system administrator may have also set up set up a custom format for date and time. If so, they can provide you with instructions.

Time Formats

Enter time values in the following format:

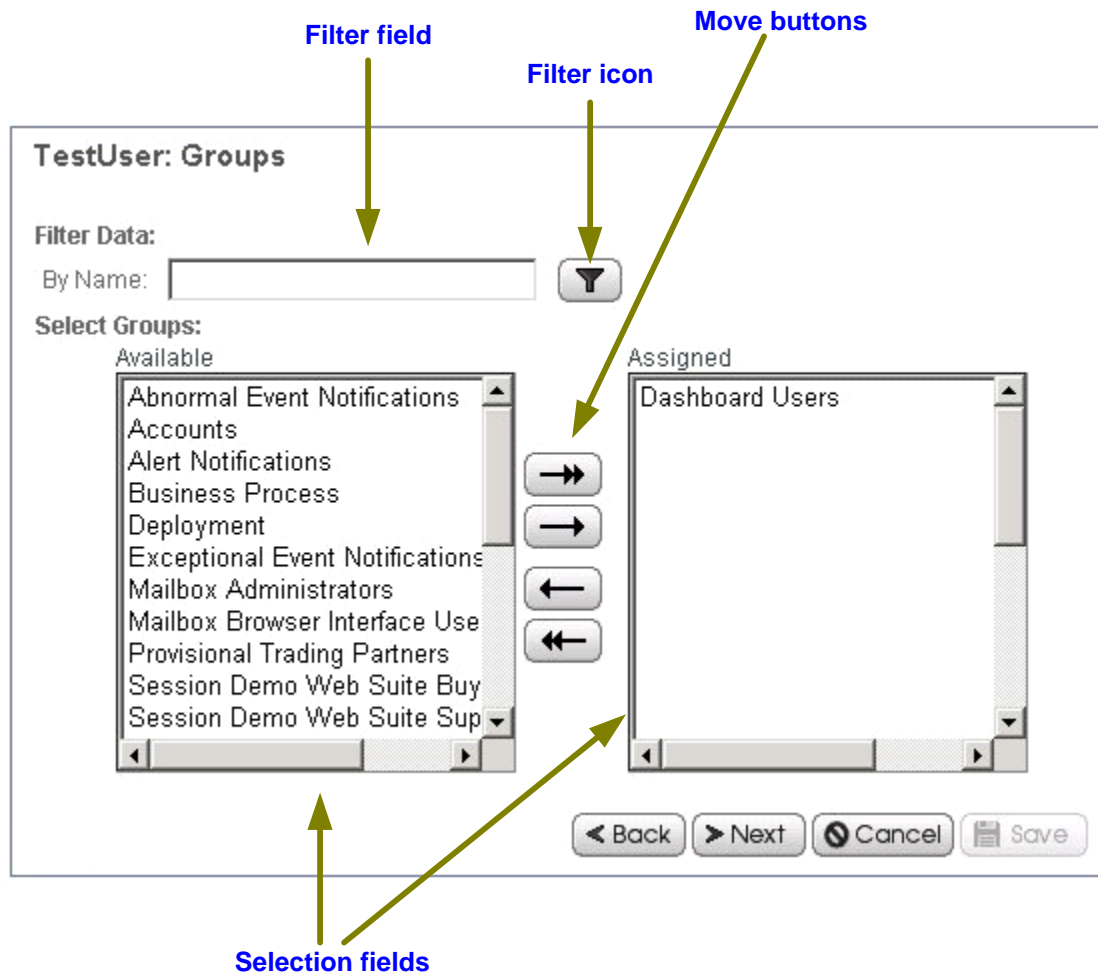
HH:MM

In search fields that contain boxes for entering both a calendar date and a time, if you enter a date you must also entire a time.

Filter and Group Selection Fields

Some wizard pages within a procedure use filter fields to make selecting the appropriate data for a value more convenient. Filter fields enable you to limit the selections displayed in a list of possible selections. Often, filter fields are used in conjunction with group selection fields and move buttons, which make it easy

for you to select groups of selections all at once. The following figure shows an example of a filter field and group selection fields in the Gentran Integration Suite interface:



To use a filter field, type the word, partial word, or phrase in the field and click the filter icon (🔍). Gentran Integration Suite then displays only selections that match your filter criteria in the available selections list. You can enter new filter criteria and repeat the process as many times as you like. Each time you filter the display, the list shows only the entries that match your most recent filter request.

To restore the entire contents of the list to the available selections, clear the filter field and click the filter icon.

Group Selection Fields

Group selection fields enable you to select or remove selections singly or in groups. The left pane contains available selections. The right pane contains any selections you choose (these are “assigned” selections). To use the group selection fields, use the move buttons as described in the following list:

- ◆ Click the right double-arrow to move all selections from the Available pane to the Assigned pane.
- ◆ Select one or more selections and click the right single-arrow to move your selections from the Available pane to the Assigned pane.
- ◆ Click the left double-arrow to move all selections from the Assigned pane to the Available pane.
- ◆ Select one or more selections and click the left single-arrow to move your selections from the Assigned pane to the Available pane.

Searches

The Gentran Integration Suite interface supports a variety of simple and advanced searches. For example, you can perform a simple search to locate a business process by name, and you can perform an advanced search for a business process by specifying multiple criteria including name, date, instance ID, start time, and so forth.

The interface enables you to search for nearly any entity related to your use of the system, from system processes to sets of data used to regulate or enable processes. For example, you can search for:

- ◆ Active, archived and restored business processes
- ◆ Trading partner profiles and related data such as identities, transport and packaging information, contracts and code lists
- ◆ Documents processing or processed
- ◆ Service activity information and service configurations
- ◆ Transaction information
- ◆ Interchange information
- ◆ Standards information
- ◆ Schedules
- ◆ Maps
- ◆ Resources
- ◆ User accounts

For information about the procedure to search for a specific entity in Gentran Integration Suite, see the appropriate topic in the online documentation library.

Types of Searches

The Gentran Integration Suite interface supports the following types of searches:

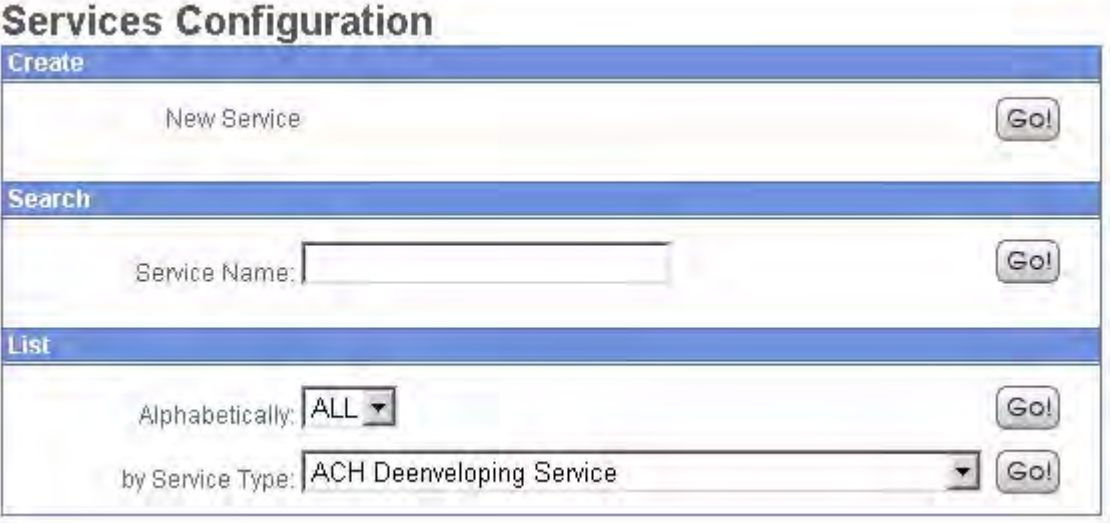
- ◆ Basic and List Searches
- ◆ Advanced and Correlation Searches
- ◆ Portlet-Specific Searches

Basic and List Searches

Basic standard searches and list searches are used throughout the Administration Console interface. The Community Management interface provides a basic trading partner search.

Generally, any page in the Administration Console that enables you to enter and save information, such as a trading profile, services configuration, or user account, also enables you to perform basic standard searches and list item searches for the items you save. Use these searches to find previously saved information that you want to view or modify.

The following figure shows a page in the Administration Console that enables both a standard basic search and a list search:



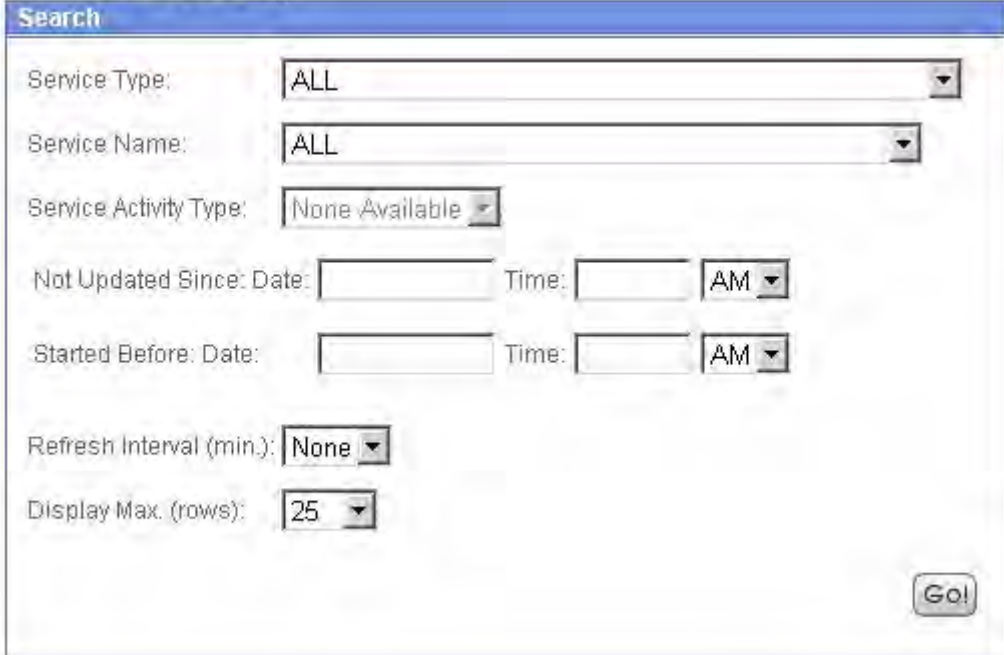
The screenshot displays the 'Services Configuration' page with three distinct search sections:

- Create:** A section with a text input field labeled 'New Service' and a 'Go!' button.
- Search:** A section with a text input field labeled 'Service Name:' and a 'Go!' button.
- List:** A section with two dropdown menus and two 'Go!' buttons. The first dropdown is labeled 'Alphabetically:' and is set to 'ALL'. The second dropdown is labeled 'by Service Type:' and is set to 'ACH Deenveloping Service'.

In this example, the basic search enables you to search simply on the name of a service. The List option enables you to locate a service by listing all service configurations, filtering your search based on your alphabetical selection, or by listing all services of a selected type.

Throughout the interface, many List searches provide search options that help narrow the data to be displayed in the list. Both basic searches and list searches display results in a list; you can select listed items to view or modify the related the data.

Some basic searches enable you to enter more information to narrow the search. The following diagram shows a basic search feature that enables you to provide a variety of search parameters to locate a specific service activity record:



The screenshot shows a web form titled "Service Activity" with a sub-header "Search". The form contains several input fields and dropdown menus:

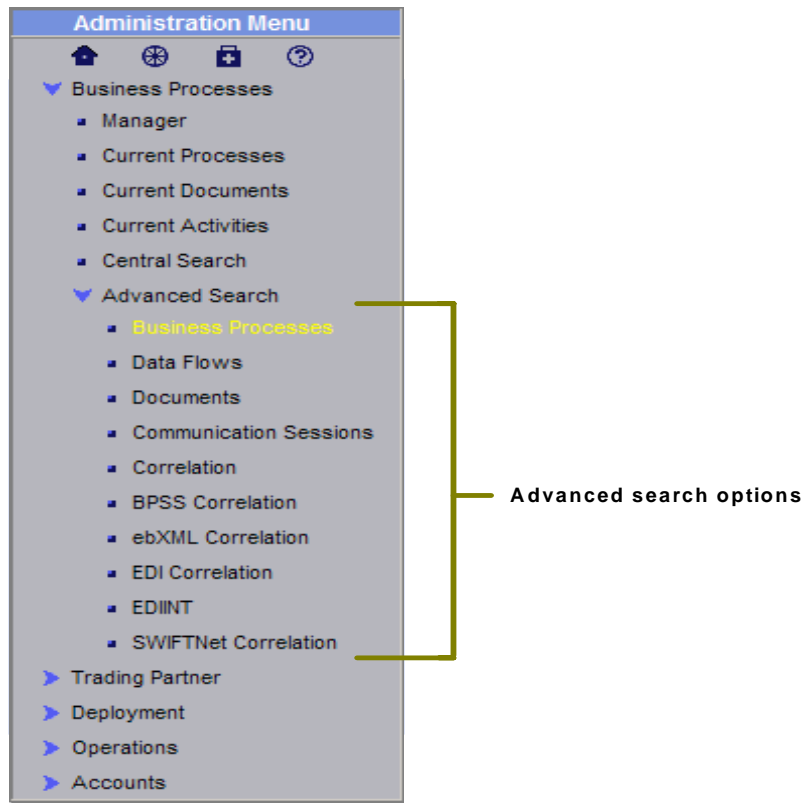
- Service Type: ALL (dropdown)
- Service Name: ALL (dropdown)
- Service Activity Type: None Available (dropdown)
- Not Updated Since: Date: [] Time: [] AM (dropdown)
- Started Before: Date: [] Time: [] AM (dropdown)
- Refresh Interval (min.): None (dropdown)
- Display Max. (rows): 25 (dropdown)
- Go! button

Advanced Searches

From the Administration Menu on the Admin Console pane, you can access a variety of advanced search options designed to facilitate the location of a range of data related to your processes.

To locate advanced search options, on the Admin Console Menu, select **Business Processes > Advanced Search**.

The following figure shows the options on the expanded menu:



Advanced searches enable you to enter multiple parameters to refine your searches for information related to your processes. For example, depending on the object of your search, you may be able to:

- ◆ Indicate whether you want Gentran Integration Suite to search live tables or restore tables for the data
- ◆ Select date and time ranges
- ◆ Specify parameters such as IDs, control numbers, status, related data, and transport method.

The following figure shows an example advanced search page, the EDIINT Transaction Search page, that enables you to select the associated contract, status, and transport type, and enter a start and end date and time:

EDIINT Transaction Search

Search Options

Contracts: ALL
 Community_OneCommunityOneCo_FROM_NewCommunityNewCommunityCo_AS2_CONTRACT
 Community_OneCommunityOneCo_TO_NewCommunityNewCommunityCo_AS2_CONTRACT
 NonexistentCommunityTradingPartner_FROM_TestProfile_AS2_CONTRACT
 NonexistentCommunityTradingPartner_TO_TestProfile_AS2_CONTRACT

STATUS: ALL
 Processed without errors
 Processed with errors
 Pending
 Expired
 MIC Invalid

Type: ALL
 AS1
 AS2

Start Date: 11/28/2004 1:59 PM
 End Date: 11/29/2004 1:59 PM

Go!

Data Flows Searches

Gentran Integration Suite enables you to enter search criteria for tracking data that is moving into or out of Gentran Integration Suite by streaming through an adapter (data flows). You can use the Data Flows page to trace the following document path:

1. From the time it transfers into Gentran Integration Suite.
2. As it is processed by Gentran Integration Suite.
3. Through when it is transferred out of Gentran Integration Suite to an external system.

To track data flows, from the Administration menu, select **Business Processes > Advanced Search > Data Flows**. The following figure shows the fields you use in a typical Data Flows search, populated with sample values:

Data Flows

Search

EndPoint:

Direction:

Protocol:

Status:

Document Name:

Data Size

From: To: bytes

Date Range

From:

To:

*Save search values using tag

*Results per Page:

List Directly

Data Flow ID:

Communication Sessions Records Searches

Gentran Integration Suite enables you to enter search criteria to view communication session records. These records include associated authentication, authorization, file transfer, or non-file transfer records, even if a document is not transferred and no data flow record is created.

To view communications sessions records, from the Administration menu, select **Business Processes > Advanced Search > Communication Sessions**. The following figure shows the fields you use in a typical Communication Sessions search, populated with sample values:

Communication Sessions

Search

EndPoint:

Protocol:

Principal:

Secure Mode:

Locally Initialized:

Status:

Connection:

Date Range

From:

To:

*Save search values using tag

*Results per Page:

Search by Process ID

Process ID:

List Directly

Communication Session ID:

Correlation Searches

Gentran Integration Suite enables you to enter correlated search criteria for advanced *correlation searching*.

Correlation searches rely on name-value pairs to define the specific data items the system searches for. The defined data items are tracking points for business processes and documents. Rather than having to search all of Gentran Integration Suite for a particular invoice, for example, you can search for that invoice number, which saves you time.

Gentran Integration Suite includes a Correlation service you can use to define a correlation that enables you to search for the data item you need. Some correlations are preconfigured and come standard with Gentran Integration Suite or are created when a process runs.

The data for correlations is stored as name-value pair records in the Correlation table in Gentran Integration Suite. You can search the data using the Gentran Integration Suite Correlation Search option.

The following figure shows the fields you use in a typical correlation search:

Correlation Search

Search Options

Type: ANY Location: Live Tables

Name: Value:

Name: Value:

Name: Value:

Name: Value:

Name: Value:

Reset Go!

To enter a name-value pair, you select a value in one or more name fields and type the appropriate correlated value in the corresponding Value field. The following figure shows the drop-down menu of selections for the Name fields:

Correlation Search

Search Options

Type: ANY Location: Live Tables

Name: Value:

Name: ACTION Value:

Name: CONTRACT Value:

Name: Channel Value:

Name: ContainerDocID Value:

Name: Direction Value:

Name: DocumentSize Value:

Name: DocumentTime Value:

Name: ENTITY Value:

Name: EnvelopeID Value:

Name: FunctionalID Value:

Reset Go!

The Advanced Search options in the Administration Menu provide specific pages for performing correlation searches for EDI interchanges, groups and transactions; business process specification schemas; and ebXML message flows.

Portlet-Specific Searches

Several available dashboard portlets offer capabilities for performing specific searches, such as searches for business processes, documents, and internet searches.

About Help

The Gentran Integration Suite interface provides a variety of Help options so that you can:


- ◆ Access user documentation online
- ◆ Contact Customer Support




The following table describes the types of help available in Gentran Integration Suite:

Type of Help	Description
Page information (side help)	Information displayed on some interface pages explaining the tasks you can perform or information you can obtain using the page.
Searchable documentation library	The set of topics that make up the Gentran Integration Suite documentation library. Links in the interface enable you to open a separate window and access the specific information you need for viewing online or downloading as PDF.
Support site and related tools	The interface provides links to assorted Sterling Commerce self-service support information maintained online. In addition, the interface includes a Support Case Tool that enables you to request assistance by entering data specific to your situation and submitting it to the support staff.

Where to Find Help


The following table describes the tools and links to various help information in the Gentran Integration Suite interface:

Help Link or Tool	Description
 Support icon	<p>Link on the Administration Menu and the Community Management menu. Displays the Technical Support Contact Information page, which provides:</p> <ul style="list-style-type: none">◆ A link to the Support on Demand site◆ Current product version (for your reference when reporting problems) After a product update, the displayed version number depends on the availability of a new license file. If a new license file is available (upgrade), Gentran Integration Suite displays the latest point version. If a new license file is not available (patch), Gentran Integration Suite displays the same point version with the latest build number.◆ Technical support telephone number◆ A link to the Support Case Tool where you can submit a support request to Sterling Commerce

Help Link or Tool	Description
 Help icon	Link on the Administration Menu, the Community Management Menu, and the AFT (Advanced File Transfer) Management Menu. Opens a separate window to display the online documentation library, where you can access all Gentran Integration Suite documentation.
 Page information icon (side help)	Indicates instructions (printed next to the icon) about using the interface page you are on or the information displayed on the page.
 Related steps icon (side help)	Displays with page information (side help) to indicate steps related to completing the procedure you are in.
Support Case Tool	<p>Enables you to submit a support request to Sterling Commerce.</p> <p>You can access this tool either of the following ways:</p> <ul style="list-style-type: none"> ◆ On the Administration Menu or the Community Management Menu, click the Support icon. ◆ On the Administration Menu, select Operations > System > Support Tools > Support Case.
Quick Links portlet	<p>If you are running the Gentran Integration Suite Community Management application, this portlet displays by default on the Channels pane and displays links to the following sites:</p> <ul style="list-style-type: none"> ◆ Sterling Commerce – The Sterling Commerce corporate Web site ◆ Customer Support – The Sterling Commerce customer support welcome page, providing information about Support on Demand and contacting Customer Support team members ◆ Product Updates – Site showing product updates and patches for Sterling Commerce products ◆ Support on Demand – Self-serve support site for Sterling Commerce products <p>You can add up to five additional Web sites of your choice to this display and modify the location of the portlet according to your needs.</p>

Support On Demand

Support on Demand (SOD) is a self-service Web site where you can obtain the latest updates and information about Gentran Integration Suite and contact Customer Support.

Access SOD at <https://support.sterlingcommerce.com/user/home.aspx> or through the Gentran Integration Suite interface by selecting the Support icon () from the Community Management Menu or Administration Menu.

You must log in to SOD using your provided user name and password. If you do not have a user name and password for SOD, contact your system administrator or Sterling Commerce Customer Support.

SOD provides the following information and services:

- ◆ A search page to help you locate the data you need

- ◆ Case information for any support cases you entered
- ◆ Pages for entering and reading customer feedback
- ◆ Document tracking
- ◆ User documentation and company white papers
- ◆ Product and product education information
- ◆ Product updates
- ◆ A guide to obtaining customer support from Sterling Commerce
- ◆ User forums
- ◆ A Home page listing your current support cases (if any), and links to navigate within SOD


From SOD, you can e-mail your case information to anyone you wish, so that you can include others in your organization on correspondence with Customer Support.

Online Documentation Library

The online documentation library is a Web-based hub for Gentran Integration Suite documentation. All product documentation is available from the documentation library, for both online viewing and downloading to your personal computer or network.

The documentation library enables you to:

- ◆ Search the content using words, phrases or boolean (*and*, *or*, and *and not*) criteria
- ◆ Browse the documentation online
- ◆ Create your own bookmarks to frequently visited topics
- ◆ Download PDF copies of the documentation you need

Access the documentation library by clicking the Help icon () on the Administration Menu, the Community Management Menu, or the AFT (Advanced File Transfer) Management Menu.

About Associated External Applications

Gentran Integration Suite includes a variety of associated applications that operate external to the Gentran Integration Suite interface. Some of these applications are included with Gentran Integration Suite and some you must purchase separately, depending on your needs.

The associated applications enable you to perform a variety of activities crucial to managing your processes using Gentran Integration Suite, such as creating data transformation maps and developing custom services. The applications contain features that integrate with Gentran Integration Suite, eliminating complex custom development requirements.

For example, the Graphical Process Modeler (GPM) is an external application associated with Gentran Integration Suite. Although you install it separately (through the Gentran Integration Suite interface) and use it to create business process models in a graphical palette, the GPM is designed to work with Gentran Integration Suite and even enables you to check your processes in to Gentran Integration Suite from within the separate GPM interface.

The following table describes external applications that work together with Gentran Integration Suite:

Application	Description
Map Editor	Offline, Windows-based user interface application for mapping data translation and transformation included with Gentran Integration Suite. Use it to translate documents to various data formats, including EDI, XML, SQL, CII, and others. You include the appropriate translation map and related services in your business process models to perform run-time translation.
Graphical Process Modeler (GPM)	Offline, Windows-based graphical interface tool included with Gentran Integration Suite to create and modify business processes. Converts the graphical representation of business processes to well-formed BPML (source code) and saves you the effort of writing code.
AS2 Edition	Optional, self-contained, Web-based application based on Gentran Integration Suite that can work with or without the core Gentran Integration Suite product. A message management system enabling the exchange of a variety of documents between trading partners using secure AS2 EDIINT technology. The interface uses familiar Gentran Integration Suite conventions for ease of use.
Item Synchronization application	Optional data synchronization component to Gentran Integration Suite that enables you to manage synchronization of your item data with registries and data pools. Works in conjunction with Synchronization Engine adapters to communicate with 1SYNC legacy UCCnet Data Pool services and your business partners. The interface uses familiar Gentran Integration Suite conventions for ease of use.

Application	Description
MESA Developer Studio	<p>A tool that you use to connect with a Gentran Integration Suite instance for resource access and control of operations of Gentran Integration Suite, change the template Gentran Integration Suite uses, and develop custom services, all from within a development environment.</p> <p>In addition to MESA Developer Studio, the following plug-ins are available:</p> <ul style="list-style-type: none"> ◆ MESA Developer Studio SDK – for developing and deploying custom services and adapters. The MESA Developer Studio SDK requires a separate product license. ◆ MESA Developer Studio Skin Editor – for customizing the look and feel of the Gentran Integration Suite interface. ◆ Reporting Services – a separately-licensed set of plug-ins used to create fact models and reports for Gentran Integration Suite Reporting Services.

Install and Access Associated External Applications

External applications install in different ways. All associated external applications display in separate windows from the Gentran Integration Suite interface.

The AS2 Edition, Item Synchronization, MESA Developer Studio SDK, and Reporting Services applications require the purchase of an appropriate license from Sterling Commerce to install. The GPM, basic MESA Developer Studio (with Skin Editor), and Map Editor are included with Gentran Integration Suite.

Access the GPM with Java Web Start

You install the GPM after Gentran Integration Suite has been installed because you download it from within Gentran Integration Suite. While the resource files for the GPM are available on your client computer after installing Gentran Integration Suite with the appropriate licenses, the GPM does not automatically install on your client computer.

Gentran Integration Suite uses Java™ Web Start to start the GPM. Java Web Start comes with Java Runtime Environment (JRE) 5.0 which is required for using this version of Gentran Integration Suite. See *System Requirements* for more information.

Caution: When you launch GPM, the system will detect if you have the Java 5.0 version of Java Web Start installed. If you don't have the correct version of Java Web Start, you must download **Java Runtime Environment (JRE) 5.0** from the SUN® Web site before using the GPM. If you installed an older version of Web Start after installing Java 5.0, you must first remove the older version, then reinstall Java 5.0. The minimum recommended available disk space for the GPM is 100 MB.

Open the GPM by clicking **Go!** The first time you open the application it installs to your client computer.

Access the Map Editor

You install the Map Editor after Gentran Integration Suite has been installed because you download the Map Editor from within Gentran Integration Suite. An installation wizard guides you through the necessary steps.

Open the Map Editor through the appropriate installation folder on your client computer.

Access the AS2 Edition or Item Synchronization Application

To access the AS2 Edition and the Item Synchronization application, you simply enter the user ID and password provided to you by your system administrator for these applications on the Gentran Integration Suite login page (the appropriate license must have been purchased and the product installed).

Gentran Integration Suite enables users to access these applications based on permissions associated with the user account, and displays the appropriate interface.

The AS2 Edition and Item Synchronization interfaces are designed using Gentran Integration Suite conventions to make navigation and conventions familiar. Menus, help options, and procedure flows work the same way they do in the Gentran Integration Suite core product interface.

Access the MESA Developer Studio

Gentran Integration Suite MESA™ Developer Studio is an Integrated Development Environment (IDE) that uses Eclipse software plug-ins. To use the MESA Developer Studio, you must install Eclipse 3.1, Java™ 2 SDK Standard Edition 1.4.2_06 (or higher), and the MESA Developer Studio Eclipse plug-ins. Full installation and configuration instructions are in the *Installation Guide*.

A

accessing associated applications 36
Add icon 19
Administration Menu
 components 14
Alert icon 18
AS2 Edition
 accessing 37
 description 35
associated applications, about 35

B

Back button 5, 17

C

Calendar icon 18
Cancel button 17
Clear icon 19
communication sessions records searches 29
community status indicator 18, 19
Copy icon 19
correlation searches 30
Customize pane 12
customize pane icon 18
customize portlet icon 18

D

dashboard
 previously customized 9
data flows searches 28
date and time formats 22
Delete icon 19

documentation
 text conventions used 7
documentation library
 description 32
 link to 13

E

Edit icon 19
editing
 lock out parameter 6
external applications, about 35

F

filter fields
 about 22
 using 23
Filter icon 19
Finish button 17

G

Graphical Process Modeler (GPM) 35
green light icon 18
group selection fields 22, 23

H

help
 about 32
 contact information 32
 context-sensitive 12
 links to 13, 18
 locating 32
 online documentation library 13
 online documentation library, about 34
 page information (side help) 12, 18, 32, 33
 Support Case Tool 33
 Support on Demand, about 33

Help icon 18, 33
Home icon 18
Home pane 9

I

icons description table 18
information icon 19
installing associated applications 36
interface
 accessing 5
 navigating 5
 previously customized 9
Item Synchronization application
 accessing 37
 description 35

J

Java Web Start 36

L

List view icon 19
lock out parameter 6
log in
 how to 5
 problems 6
log out 5

M

Map Editor
 accessing 37
 description 35
menus
 components 13
 overview 12
 primary headings 13
 secondary headings 13
MESA Developer Studio
 accessing 37
move buttons
 about 22
 illustration 19

using 23

N

navigating 5
 overview 5
 procedures 10
 wizard navigation 17
navigation buttons
 about 17
 description 12
navigation menu
 location on page 12
News icon 18
Next button 5, 17
No security icon 19

O

online documentation library
 about 34
 description 32
online help
 about 32
 context-sensitive 12
 locating 32
 product updates 33

P

Page information icon 18, 33
page layout, modifying 12
pane
 customize icon 18
 icon 18
 name tabs 11
Pane icon 18
password 5
portlet
 customize icon 18
procedure pages
 about 10
 components 11
 wizard page progression 17

product updates, obtaining online 33

Q

Quick Links portlet
provided links 33

R

red light icon 19
Refresh icon 20
related applications, about 35
Related steps icon 18, 33
required fields 21
Return button 17

S

Save button 17
searches
advanced 26
basic 25
communication sessions records 29
correlation 26, 30
data flows 28
entering parameters 26
list 25
overview 24
portlet-specific 31
types 24
Site Map icon 13, 18
status indicator 18, 19
Sterling Commerce corporate Web site 33
support
contact information page 32
link to information 13
submitting requests 32
Support Case Tool 32, 33
Support icon 18, 32, 33
Support on Demand (SOD)
about 33
description 32
link to 33
user name and password 33

support request, submitting 33

T

task buttons 17
technical support
icon 18
locating 13
text conventions 7
time formats 22
traffic light icon 18
trash can icon 19
Tree view icon 19

U

User ID 5

W

Warning icon 19
welcome header 11
wizard page progression 17, 22

Y

yellow light icon 19

