

Sterling File Gateway

Build 5101 Updates

2.1 Build 5101



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What's New in Build 5101

Build 5101 is now available for Sterling File Gateway 2.1.

New in This Release

The following enhancements are included in this release:

Enhanced System Administration

- A version check on system business processes and warning if the latest version is not set to run
- Additional elements that can be affected with rebranding, and rebranding persists when a new build is installed

Note: If you previously rebranded your Sterling File Gateway or *myFileGateway*, you must add a new property to your style sheet. See *Rebrand Sterling File Gateway and myFileGateway*.

New Properties in `filegateway.properties`

Property	Description
<code>ignoreFilenameex</code>	<p>Setting a regex pattern for this will cause any arrived file that matches your regex pattern to be ignored by Sterling File Gateway.</p> <p>This is useful for recognizing and ignoring temporary files sent by producers before they are renamed to the expected name. These will not be routed and are not considered failures.</p> <p>Specify one or more file name patterns to ignore in the following format:</p> <ul style="list-style-type: none">• <code>filegateway.ignoreFilename1=<regex expression></code>• <code>filegateway.ignoreFilename2=<regex expression></code>• <code>filegateway.ignoreFilename3=<regex expression></code>• <code>filegateway.ignoreFilenameex=<regex expression></code> <p>For example:</p> <pre>filegateway.ignoreFilename1=.[.]tmp\$</pre> <p>would have the effect of ignoring all files with an extension of <code>.tmp</code>.</p>

Property	Description
	Note: The regex pattern must match the file name in its entirety. Partial matches are not recognized.

New Properties in filegateway_ui.properties

Property	Description
myFgStorageType	Storage type to use for new documents sent through myFileGateway. Possible values are: <ul style="list-style-type: none"> • default - use the system default • db - store documents in database • file - store documents in file system The default is default. To change this value, use the customer_overrides.properties file. For example to set it to database: <pre>filegateway_ui.myFgStorageType=db</pre>
fgOnboardingDefaultUserGroupId	The group partner users are automatically assigned to when they are created as a result of creating a partner in Sterling File Gateway, migrated from AFT, or the partner's identity is associated with a File Gateway partner group. Required. Default is File Gateway Partners Users Group.
FGConsecFailedAttempts	Number of consecutive failed login attempts that are allowed before a user is locked out of the application. Default is 0, which means users are never locked out.
FGLockInterval	Length of time, in minutes, that the lock is applied after the number of failed login attempts, FGConsecFailedAttempts, is exceeded. Default is 30.
userIdMinLength	Minimum number of characters in the user ID. The default is 5. To enable shorter or require longer User IDs, modify the following property in customer_overrides.properties: <pre>userIdMinLength.ui=(# of characters)</pre> The value of # of characters must be greater than zero. To implement single sign-on, this value must match the value set in Sterling Integrator.

Improved Control over User Permissions

- Custom groups can be created to manage permissions for partner users by associating partner users with groups with various permissions.
- Specific permissions can be assigned to user groups or partner users to control which tabs of *myFileGateway* can be accessed and which functionality is available.
 - myFileGateway Login
 - myFileGateway File Upload
 - myFileGateway File Download
 - myFileGateway File Activity

- myFileGateway Reports
- myFileGateway Change Password
- myFileGateway Help
- myFileGateway Event Subscription
- Permissions can be managed to control whether partner users are automatically given access to mailboxes created as a result of routing channels.
 - File Gateway Auto-grant Mailbox Permissions

Greater Specification of User Security

- Additional fields in the Create Partner wizard:
 - External authentication
 - Authentication host for external users
 - Session timeout
 - Partner code
 - Password policy

Enhanced Visibility

- Additional visibility of files during routing:
 - Started
 - Determining Routes
 - Routing

Additional Fields to Support Connect:Direct

When you create a consumer partner that listens for Connect:Direct connections, the following fields can be specified during the partner creation:

- Local Node Name
- Remote Node Name
- Local User Id
- Remote User Id
- Remote Password
- Remote Password Confirm
- Remote File Name
- Disposition to be applied to remote file
- CheckpointInterval to be used for checkpoint restart

The values supplied for these fields are passed to Connect:Direct. See *Create a Partner* in the Route Provisioner section.

Documentation Enhancements

- New topics in System Administrator Help:
 - Edit the Lock Out Parameter
- Additional information in existing topics in System Administrator:
 - About Event Codes
 - Change Purge Settings
 - Customized Business Processes

- New topics in Operator Help:
 - Failed Routes for Renamed Files

Previous Issues That Are Resolved

For a complete list and description of issues that are resolved in this release, see:

Sterling Commerce Sterling Customer Center. Log in, select Support Center. Under Product Support, select **Sterling File Gateway > Product Updates and Downloads**.

Known Issues

For help with known issues, see:

Sterling Commerce Sterling Customer Center. Log in, select **Support Center**. Type your question or error message in the search box in the upper left hand corner and click **Go to search Knowledgebase**.

System Administrator Help

Create User Accounts (Build 5101 or Later)

When you install Sterling File Gateway, several default accounts are automatically created to get you started. You can use the default accounts to perform the tutorial described in the Overview.

One of the first actions you must take is to create your own accounts with unique IDs and passwords, because the default ones can be known by all Sterling File Gateway customers. Log in to Sterling File Gateway with the following credentials:

- User ID = fg_sysadmin
- Password = password

To create a user account:

1. From Sterling File Gateway, select **Tools > B2B Console**.
2. From within Sterling Integrator, Select **Accounts > User Accounts > Create a new Account**.
3. Complete the steps in the wizard.

Supply the following information about the user:

- Authentication type (Local or external)
- User ID - by default, the User ID must be at least five characters. To enable shorter or require longer User IDs, modify the following property in customer_overrides.properties:

```
userIdMinLength.ui=(# of characters)
```

The value of # of characters must be greater than zero. To implement single sign-on, this value must match the value set in Sterling Integrator.

- Password
- Confirm Password
- Policy - choose from:
 - [blank] (default)
 - Default User Policy - For the default user policy, the password must be at least six characters and is required to contain at least two of the following characters. (numeral, capital letter, !, @, #, \$, %, ^, &,*)

- You can create a different policy for your system. Create the policy in Sterling Integrator first, then select it from the list when you create a user.
- SSH Authorized User Key
- Session Timeout (in minutes)
- Accessibility
- Dashboard Theme

See [Managing User Accounts](#).

4. Select one or more groups from the following list:

- File Gateway Integration Architects - can only access File Gateway, not *myFileGateway*
- File Gateway Operators - can only access File Gateway, not *myFileGateway*
- File Gateway Partner Users - can only access *myFileGateway*
- File Gateway Route Provisioners - can only access File Gateway, not *myFileGateway*
- File Gateway System Administrators - can only access File Gateway, not *myFileGateway*

Note: For full Sterling File Gateway functionality, each of these groups must have at least one user. By default, the following users are created during installation of Sterling File Gateway:

- fg_sysadmin - belongs to all File Gateway groups except File Gateway Partner Users. Also belongs to Sterling Integrator Admin group.
- fg_architect - belongs to File Gateway Integration Architects group
- fg_provisioner - belongs to File Gateway Route Provisioners group
- fg_operator - belongs to File Gateway Operators group

A user can belong to multiple groups, but cannot belong to File Gateway Partner Users group while a member of any other group.

Note: To protect the security of your system, delete the default users or change the default passwords.

Note: To create an independent user that is the equivalent of fg_sysadmin, assign the Sterling Integrator Admin group and all File Gateway groups except File Gateway Partner Users group to that user.

5. Select the permissions for the user. (Optional.) The group assignments include the standard permissions for users of each group.
6. Supply the following information for the user:
- First Name
 - Last Name
 - E-mail
 - Pager
 - Preferred Language (English, Japanese)
 - Manager ID
 - Identity
7. Review and confirm to create the new user account.

User Interface Access (Build 5101 or Later)

Access to each page of the user interface is authorized based on permission groups assigned when the user is created.

The following table describes which screens and functions each persona can access:

Page	System Admin	Integration Architect	Route Provisioner	Operator	Partner
Routes > Activity	(Default page.) Can search and view details and links to details in B2B Console. Can mark routes as reviewed or not reviewed. Can replay and redeliver.	Can search and view events, but cannot view linked details. Can mark routes as reviewed or not reviewed. Cannot replay or redeliver.	Can search and view events, but cannot view linked details. Can mark routes as reviewed or not reviewed. Cannot replay or redeliver.	(Default page.) Can search and view details and links to details in B2B Console. Can mark routes as reviewed or not reviewed. Can replay and redeliver.	No access.
Routes > Channels	Can view and edit.	No access.	(Default page.) Can view and edit.	No access.	No access.
Routes > Templates	Can view and edit.	(Default page.) Can view and edit.	No access.	No access.	No access.
Participants > Groups	Can view and edit.	Can view and edit.	Can view and edit.	Can view and edit.	No access.
Participants > Partners	Can view and edit.	Can view and edit.	Can view and edit.	Can view and edit.	No access.
Participants > Communities	Can view and edit.	Can view and edit.	Can view and edit.	Can view and edit.	No access.
Tools > Reports	Can view and edit.	Can view and edit.	Can view and edit.	Can view and edit.	No access.
Tools > Activity Snapshot	Can view and get events and complete details.	Can view and get events, but not details.	Can view and get events, but not details.	Can view and get events and complete details.	No access.
Tools > B2B Console	Can view and edit complete Admin menu.	Can only view and edit Accounts > My Account.	Can only view and edit Accounts > My Account.	Can view and edit Business Processes and Operations menus, and Accounts > My Account.	No access.
Tools > Logs	Complete access to all logs.	No access.	No access.	Complete access to all logs.	No access.
Profile > Notifications	Can subscribe and delete.	Can subscribe and delete.	Can subscribe and delete.	Can subscribe and delete.	No access.

Page	System Admin	Integration Architect	Route Provisioner	Operator	Partner
Profile > Password	Can change own password, unless external user. Can change other users passwords.	Can change own password, unless external user.	Can change own password, unless external user.	Can change own password, unless external user.	No access.
myFileGateway > Activity > Upload Files > Download Files > Reports > Profile	No access.	No access.	No access.	No access.	(Default page.) Complete access to search, generate reports, upload files, and download files when Partner is producer or consumer. Can subscribe and unsubscribe to notifications and can change own password.
Help	Can view all Help libraries.	Can view all Help libraries.	Can view all Help libraries.	Can view all Help libraries.	Can only view myFileGateway Help, not the other persona libraries.

About Permissions (Build 5101 or Later)

The permissions that control access to the pages of myFileGateway are:

- myFileGateway Login
- myFileGateway File Upload
- myFileGateway File Download
- myFileGateway File Activity
- myFileGateway Reports
- myFileGateway Change Password
- myFileGateway Help
- myFileGateway Event Subscription

Note: Partner users with the Event Subscription permission may receive notifications for events they have subscribed to, even if they do not have File Activity permission.

The Event Subscription permission only affects a user's ability to view and modify their subscriptions to events. If the Event Subscription permission is removed from a user or group, the user or members of the group will continue to receive notifications for any events already subscribed to, but cannot subscribe to additional events.

The File Gateway Partner Users group is assigned all of the available permissions, which means that all available pages of myFileGateway are displayed for partner users assigned to the File Gateway Partner Users group. To

limit partners to fewer permissions, create a new group and assign only the desired permissions. See *About User Groups and Partner Groups*.

Do not modify the File Gateway Partner Users group, because your changes may be overwritten when later builds are applied.

Other Permissions

The permissions used in Sterling File Gateway are:

- File Gateway Auto-grant Mailbox Permissions
- File Gateway Producer Proxy

The File Gateway Partner Users group is assigned the File Gateway Auto-grant Mailbox Permissions, which indicates to the system whether to configure mailbox permissions automatically. With this permission, partner users are automatically assigned permission to mailboxes created as a result of File Gateway routing channels. File Gateway Producer Proxy is for system use only.

About User Groups and Partner Groups (Build 5101 or Later)

User groups and partner groups are referred to as groups in Sterling File Gateway.

User groups, permission groups, or security groups all refer to groups that contain partner users. Permissions can be assigned to partner users or to user groups, and control permission for access to pages of the myFileGateway user interface.

User groups are managed by System Administrators in Sterling Integrator, accessed from Sterling File Gateway by selecting **Tools > B2B Console > Accounts > Groups**. User groups may be assigned when the user is created, on the Partner Group Associate page, and during the aft2fg migration script. User group association, and therefore permissions, can be modified for partner users later, not just when they are created.

Note: When a partner is created in Sterling File Gateway, a user is also created and automatically assigned to the default user group. You can change the default user group. See *Change the Default User Group*.

The following user groups are installed with Sterling File Gateway:

- File Gateway System Administrators group
- File Gateway Integration Architects group
- File Gateway Route Provisioners group
- File Gateway Operators group
- File Gateway Partner Users group

There are specific permissions assigned to each user group. See *User Interface Access*. Do not change the permissions associated with these File Gateway user groups, because your changes may be overwritten when future builds of Sterling File Gateway are applied.

The term *partner group* refers to a separate and distinct concept. Partner groups are collections of partner users that have similar characteristics for use in routing channel templates. Partner groups are managed by Integration Architects in Sterling File Gateway. Do not confuse partner groups with user groups.

Use Preconfigured User Groups to Assign Permissions

To assign permissions to users, you can assign user accounts the groups that come preconfigured with Sterling Integrator. Users inherit all permissions associated with the groups.

Permissions Inherited from Groups

These groups are preinstalled with Sterling Integrator and the permissions are inherited when the group is assigned to a user account. The same permissions are inherited when a group is assigned as a subgroup.

Group	Permissions Inherited from the Group
File Gateway Integration Architects	Dash AFT Theme
File Gateway Operators	<p>Dash AFT Theme, UI BP Manager, UI BP Monitor, UI Business Process, UI Lock Manager, UI Logs, UI Operations, UI reports</p> <p>Plus, permissions inherited from subgroups:</p> <p>Subgroup BPMONITOR - BPSSCorrelation, BusinessProcesses, CentralSearch, CommunicationSessions, Correlation, CurrentActivities, CurrentDocuments, CurrentProcesses, DataFlows, Documents, EBXMLCorrelation, EDICorrelation, EDIINT, GentranserverforUnix, Message Entry Workstation Home, SWIFTNETCorrelation, UI BP Monitor</p> <p>Subgroup OPERATIONS - JDBCMonitor, MessageMonitor, Perfdumps, SequenceManager, Statistics, ThreadMonitor, Troubleshooter, Tuning, UI Federated Systems, UI Operations</p>
File Gateway Partner Users	<p>myFilegateway Login</p> <p>myFilegateway Logout</p> <p>myFilegateway User Name</p> <p>myFilegateway File Activity</p> <p>myFilegateway File Upload</p> <p>myFilegateway File Download</p> <p>myFilegateway Reports</p> <p>myFilegateway Event Subscription</p> <p>myFilegateway Change Password</p> <p>myFilegateway Help</p> <p>myFileGateway Upload Applet</p> <p>myFileGateway Download Applet</p> <p>File Gateway Auto-grant Mailbox Permissions</p>
File Gateway Route Provisioners	Dash AFT Theme
File Gateway System Administrators	None. System Administrators have unlimited access to all resources.

Modify Group Permissions

System Administrators can edit group permissions, or create new groups with different permissions. For example, to create a group of operators that can view and edit troubleshooting menus, but do not have permission to view or edit tuning menus:

1. Select **Tools > B2B Console**.
 2. From the Admin menu, select **Accounts > Groups**.
 3. Next to **Create a New Group**, click **Go!**
 4. Type a **Group ID** and **Group Name**. Click **Next**.
 5. On the **Assign Subgroups** page, select BPMONITOR. Click **Next**.
 6. On the **Assign Permissions** page, select the following:
 - **Dash AFT Theme**
 - **UI BP Manager**
 - **UI BP Monitor**
 - **UI Business Process**
 - **UI Lock Manager**
 - **UI Logs**
 - **UI Operations**
 - **UI reports**
 - **Troubleshooter**
- Click **Next**.
7. Click **Finish** and **Return**.
 8. Create or edit users, assigning them to the group you just created. These users will have access to the **Operations > Troubleshooter** menu, without access to the **Operations > System** menu and submenus.

Create Custom Groups

System Administrators can create new groups with different permissions (preferred), or edit group permissions. For example, to create a group of operators that can view and edit troubleshooting menus, but do not have permission to view or edit tuning menus:

1. Select **Tools > B2B Console**.
2. From the Admin menu, select **Accounts > Groups**.
3. Next to **Create a New Group**, click **Go!**
4. Type a **Group ID** and **Group Name**. Click **Next**.
5. On the **Assign Subgroups** page, select BPMONITOR. Click **Next**.
6. On the **Assign Permissions** page, select the following:
 - **Dash AFT Theme**
 - **UI BP Manager**
 - **UI BP Monitor**
 - **UI Business Process**
 - **UI Lock Manager**
 - **UI Logs**
 - **UI Operations**

- **UI reports**
 - **Troubleshooter**
7. Click **Next**.
 8. Click **Finish** and **Return**.
 9. Create or edit users, assigning them to the group you just created. These users will have access to the **Operations > Troubleshooter** menu, without access to the **Operations > System** menu and submenus.

Change the Default Partner User Group (Build 5101 or Later)

When partners are created in Sterling File Gateway, migrated using aft2fg, or associated with a File Gateway partner group, they are automatically assigned to the default partner user group. The default association is the File Gateway Partner Users group, which grants permissions to all features of myFileGateway, and no access to Sterling File Gateway. The system administrator must manually assign any other permissions, directly to a partner user, or by assigning the partner user to different permission user groups.

System administrators can change the default partner user group:

1. Select **Tools > B2B Console > Accounts > Groups**.
2. Create the user group, naming it with a prefix of "my".
3. Assign the permissions to be granted to new partner users assigned by default to the group. See *About Permissions* for the values.
4. Note the group ID for the new user group.
5. Edit the customer_overrides.properties file to specify the new user group ID, as in the following example:


```
filegateway_ui.fgOnboardingDefaultUserGroupId=myCUSTOM_GROUP_ID.
```

where *myCUSTOM_GROUP_ID* is the group ID given in step 2.
6. Stop and restart Sterling File Gateway.

Migrate from Advanced File Transfer to Sterling File Gateway (Build 5101 or Later)

If you have an existing installation of Advanced File Transfer (AFT), you can migrate the partner configurations to Sterling File Gateway.

To migrate partner configurations from AFT:

1. Start Sterling Integrator. Sterling Integrator must be up and running when the following script is run.
2. Run the following script:


```
<install_dir >/tp_import/aft2fg.sh (for UNIX) or aft2fg.cmd (for Windows)
```

Note: Do not interrupt the script or allow Sterling Integrator to stop during the script. If the script does not complete successfully, you can run it again. If the problem persists, contact Customer Support.

3. The script performs the migration and displays details of the migration.
The following operations are performed:

- Static and dynamic routing channels are created, based on the consumer identification policies in effect for the migrated producers.
 - AFT routing rules are replaced with a single automatic evaluation Sterling File Gateway routing rule.
 - AFT Route Business Process is disabled.
 - If a consumer identification policy of Use Map was utilized in AFT, a routing channel template is created so that the map will continue to drive the consumer identification. After conversion the name of the map used in the routing cannot be changed in Sterling File Gateway. The name of the map used is visible from the Data Session details window only.
 - PGP settings remain in effect.
 - The Advanced File Transfer tab in Sterling Integrator will be available, but limited to offer AFT Route Activity and Reporting links so that a legacy AFT user can still view old AFT data for as long as it exists in the system.
4. If the migration fails, an error message is displayed. The migration report states what changes were successfully completed. Correct the error conditions and proceed. It is safe to run the script again.
 5. The imported partners will automatically be associated with the "All Partners" partner group. A different default group can be set in customer_overrides.properties by editing the property:

```
filegateway_ui.fgOnboardingDefaultUserGroupId=CustomUserGroup
```

where CustomUserGroup is the name of the group to assign to newly migrated users.

You can also associate the newly migrated Partner with other Sterling File Gateway partner groups to make them work with routing channel templates that have specified these partner groups.

6. Disable the AFTPurgeArchiveMailboxes business process in Sterling Integrator.
7. If you have created custom protocols in AFT, the custom business process that implements the protocol may need to be modified. If the business process name contained an underscore, parameters passed from AFT to custom protocol business processes were incorrectly prefixed with part of the business process name. In Sterling File Gateway, these prefixes are removed, which is the correct behavior. Edit your business process where the custom parameters are used and correctly reference them according to the table below.

Business Process Name	Parameter Definition	AFT Parameter	SFG Parameter	Changes Required?
My_CustProtBP	HostName	CustProtBP_ HostName	HostName	Yes. Change the custom protocol business process to use "HostName" instead.
CustomProtocolBP	HostName	HostName	HostName	No change required because the custom protocol business process name does not have an underscore.

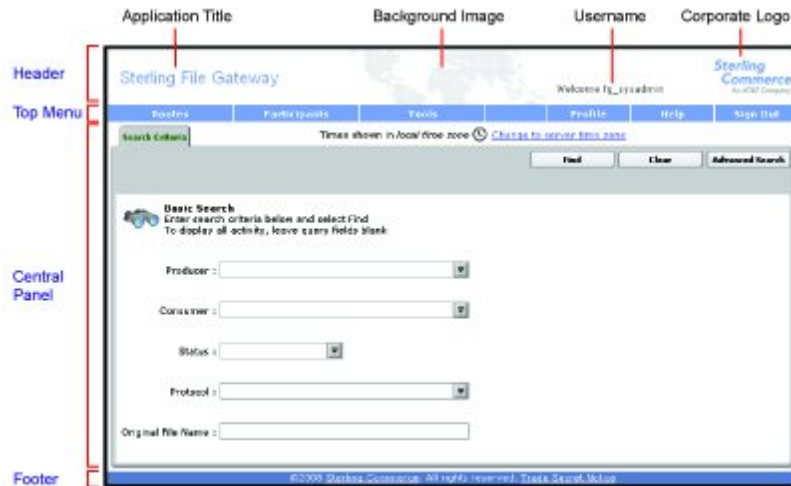
See *Add Custom Protocols*.

Rebrand Sterling File Gateway and *myFileGateway* (Build 5101 or later)

You can rebrand Sterling File Gateway and *myFileGateway* to use your company's logo or other special content. To customize the look of Sterling File Gateway and *myFileGateway*, you create a skin, reference this new

skin, and restart your system. You can use the same or different skins for Sterling File Gateway and *myFileGateway*.

The following figure shows the location of the portions of the screens you can rebrand:



The corresponding file names are:

- Header:
 - [skin]/brandingcontent/header.txt
 - [skin]/brandingcontent/myFgHeader.txt
 - [skin]/load_skin.js
 - [skin]/images/FGimages/brandingimages/...
- Top Menu: [skin]/skin_styles.css
- Central Panel:
 - [skin]/skin_styles.css
 - [skin]/load_skin.js
 - [skin]/images/...
- Footer: [skin]/brandingcontent/footer.txt

Note: If you rebranded Sterling File Gateway in a previous version, you must make an additional change after you install Build 5101. Add the menuBackground property to the custom skin .css file as in the following:

```
/* --- menu background color for main navigation bar;
default is #7896CF --- */
.menuBackground {
background-color: #7896CF;
}
```

To rebrand Sterling File Gateway:

1. Locate files in the following directories for the default skins:
 - <install_dir>/container/Applications/filegateway/isomorphic/skins/FileGateway

and

```
<install_dir>/container/Applications/myfilegateway/isomorphic/skins/FileGateway
```

2. Copy and rename the “FileGateway” directory in path:

```
<install_dir>/container/Applications/filegateway/isomorphic/skins/FileGateway
```

You can use any valid directory name. In the next steps, the renamed directory is referred to as [skin].

3. To customize the header, you can change the following elements:

- Application Title
- Background Image
- Corporate Logo
- Position of the user name
- HeaderALT

4. To change the Application Title:

- a) Open the following file:

```
[skin]/brandingcontent/header.txt
```

- b) Change line 15 to refer to your company name (padding-left: 15px" nowrap="nowrap">My Company</td>
)

- c) Open [skin]/brandingcontent/myFgHeader.txt

- d) Change line 15 to refer to your company name (or another name) (padding-left: 15px" nowrap="nowrap">My Company</td>)

5. To change the browser title text, which appears up in the top left-hand side of the browser (if different from Application Title, mentioned in the graphic, above) set the variables:

- fgWindowTitle (for Sterling File Gateway)
- myfgWindowTitle (for myFileGateway)

in customer_overrides.properties as

```
filegateway_ui.fgWindowTitle=xxx
```

and

```
filegateway_ui.myfgWindowTitle=xxx
```

6. To change the Background Image:

- a) Create a new Background Image GIF image, 66 pixels high by 800 pixels wide and named “MastheadBkgd_Map.gif”

- b) Place this GIF in the following directory:[skin]/images/FGimages/brandingimages/

- c) Open the following file: [skin]/brandingcontent/header.txt

- d) Change line 3 to refer to your skin’s directory where the background image (from step 5) is located (isomorphic/skins/[skin]/images/FGimages/brandingimages/ MastheadBkgd_Map.gif)

- e) Open [skin]/brandingcontent/myFgHeader.txt

- f) Change line 3 to refer to your skin’s directory where the background image (from step 5a) is located (isomorphic/skins/[skin]/images/FGimages/brandingimages/ MastheadBkgd_Map.gif)

7. To change the Corporate Logo:

- a) Create a new Corporate Logo GIF image, which should be 66 pixels high by 93 pixels wide and named “hdr_logo.gif”

- b) Place this GIF in the following directory:[skin]/images/FGimages/brandingimages/
 - c) Open the following file: [skin]/brandingcontent/header.txt
 - d) Change line 18 to refer to your skin's directory where the corporate logo image (from step 6a) is located (isomorphic/skins/[skin]/images/FGimages/brandingimages/ hdr_logo.gif)
 - e) Open [skin]/brandingcontent/myFgHeader.txt
 - f) Change line 18 to refer to your skin's directory where the corporate logo image (from step 6a) is located (isomorphic/skins/[skin]/images/FGimages/brandingimages/ hdr_logo.gif)
8. To change the position of the user name:
- a) Open the following file:[skin]/load_skin.js
 - b) Change the two variables on Lines 14 and 15 to position the name label where you desire:
 - headerUserNameTop (expressed in absolute pixels from the top)
 - headerUserNameLeft (expressed as a percentage of page width, from the left side)
9. To change the headerALT, which is displayed while the header is loading:
- a) Open the following file:[skin]/load_skin.js
 - b) Change the variable on Line 13 (headerALT) to your company name (e.g. "My Company").
10. To change the footer:
- a) Open the following file: [skin]/brandingcontent/footer.txt
 - b) Modify the first line to refer to your company name as well as the link to your corporate Web site, if desired: ...href='http://www.MyCompany.com' target='_blank'>My Company...
11. To reference the new [skin], create or open customer_overrides.properties in a text editor. Add the following line:
- ```
filegateway_ui.fgSkinName=[skin]
```
- where [skin] is your new skin name for Sterling File Gateway and
- ```
filegateway_ui.myfgSkinName=[ skin]
```
- where [skin] is your new skin name for myFileGateway. The values for [skin] can be different for Sterling File Gateway and myFileGateway.
12. To change the header only for myFileGateway:
- Modify only the two files, header.txt and myFgHeader.txt in the new directory
at(<install_dir>/container/Applications/myfilegateway/isomorphic/skins/[skin]/brandingcontent
13. Run the following scripts:
- <install_dir>/bin/hardstop.sh
 - <install_dir >/bin/deployer.sh
 - <install_dir >/bin/run.sh
14. Refresh your browser cache.

When you launch Sterling File Gateway, the new branding is shown in the header and footer. When your Partner users launch *myFileGateway*, the new branding is shown in the header.

Change Purge Settings

Sterling File Gateway activity is purged, not archived. Data that is purged is unrecoverable. Depending on your file transfer usage patterns, you may want to change the frequency in which Sterling File Gateway activity is purged. System Administrators can change the frequency for purging. Purging behavior is governed by the following settings in the `visibility.properties` file:

- `lifespan_dataflow` - length of time, in hours, before dataflow records are purged. Default is 336 hours (14 days).
- `lifespan_adminaudit` - length of time, in hours, before administrative change records, such as deleting a user are purged. Default is 336 hours (14 days). If a partner is deleted, the user who deleted it is recorded until the record is purged according to the value for the `lifespan_adminaudit` property.
- `lifespan_session` - length of time, in hours, before communication session records are purged. Default is 336 hours (14 days).

Note: To avoid conflicts, `lifespan_dataflow` and `lifespan_session` should be set to the same length of time.

Values for these settings are used in the schedule for the Purge Service. Changing either the settings or the schedule will result in a change in purge behavior for new activity records. Activity that has already occurred is governed by `lifespan` settings at the time they occurred.

Note: Changes made to this file affect the behavior of all tables in Sterling Integrator with a prefix of `ACT_`.

Once activity is purged, it is no longer available in the system and will not be found in a search that matches the criteria for it.

The tables in Sterling File Gateway that are purged are:

- `FG_ARRIVEDFILE`
- `FG_ROUTE`
- `FG_DELIVERY`
- `FG_EVENT_ATTR`
- `FG_ROUTE_EVENT`

To change settings for purge:

1. Open or create the following file:
`<install_dir>/properties/customer_overrides.properties`
2. Add the following properties:
`dmvisibility.lifespan_dataflow=Value`
`dmvisibility.lifespan_adminaudit=Value`
`dmvisibility.lifespan_session=Value`
where Value is the number of hours before an item is purged.
3. Save the `customer_overrides.properties` file.
See [Using Property Files](#).
4. Restart Sterling File Gateway for the settings to take effect.

Purge Messages from Mailboxes

Messages in consumer mailboxes are not automatically purged, and over time could affect system performance. To avoid this, configure the Mailbox Scheduled Delete service to delete messages from one, many, or all mailboxes. You cannot replay or redeliver messages that have been purged. See [Mailbox Scheduled Delete Service](#).

filegateway.properties (Build 5101 or Later)

The filegateway.properties file contains properties which control the operation of Sterling File Gateway.

The following table describes properties in the filegateway.properties file:

Note: Do not edit the filegateway.properties file. Make all changes in the customer_overrides.properties file. For example, to change the pgpCmdline2svcname property, enter the following line into customer_overrides.properties:

```
filegateway.pgpCmdline2svcname=CUSTOM
```

substituting CUSTOM with the name of your Command Line 2 adapter. See [Using Property Files](#).

Property	Description
ignoreFilenameex	<p>Setting a regex pattern for this will cause any arrived file that matches your regex pattern to be ignored by Sterling File Gateway.</p> <p>This is useful for recognizing and ignoring temporary files sent by producers before they are renamed to the expected name. These will not be routed and are not considered failures.</p> <p>Specify one or more file name patterns to ignore in the following format:</p> <ul style="list-style-type: none">• filegateway.ignoreFilename1=<regex expression>• filegateway.ignoreFilename2=<regex expression>• filegateway.ignoreFilename3=<regex expression>• filegateway.ignoreFilenameex=<regex expression> <p>For example:</p> <pre>filegateway.ignoreFilename1=.[.]tmp\$</pre> <p>would have the effect of ignoring all files with an extension of .tmp.</p> <p>Note: The regex pattern must match the file name in its entirety. Partial matches are not recognized.</p>
ftpClientAdapterName	<p>The FTP Client Adapter instance or service group that the FileGatewayDeliverFTP business process will use. Override this property in customer_overrides.properties if a custom FTP Client Adapter instance must be used to contact trading partners. You can also specify an adapter group name to load-balance outbound FTP sessions across multiple adapter instances. Default is:</p> <pre>ftpClientAdapterName=FTPClientAdapter</pre>
bpCompletionProbes.1 bpCompletionSleepMsec.1	<p>Timeouts and sleep intervals that control how long Sterling File Gateway waits for every sub-business process it invokes. These control the timeouts when a business process is executed synchronously during</p>

Property	Description
bpCompletionProbes.2 bpCompletionSleepMsec.2	<p>routing. Used for consumer identification business processes and for PGP processing. Enables one set of relatively quick probes followed by a second set of slower probes. The first set will be very reactive, but consume more processor. The second set will activate for longer-running processes and will consume less processor.</p> <p>First probe 120 times with 100 Milliseconds between, for a total of 12 seconds. Default is:</p> <pre>bpCompletionProbes.1=120 and bpCompletionSleepMsec.1=100</pre> <p>Then probe 600 times with 2000 Milliseconds between, for a total of 1200 seconds (20 minutes). Default is:</p> <pre>bpCompletionProbes.2=600 and bpCompletionSleepMsec.2=2000</pre>
pgpCmdline2svcname	<p>The name of the Command Line 2 adapter to be used for PGP packaging and unpackaging. Override this property in customer_overrides.properties if a custom Command Line 2 adapter must be used for PGP operations. You can also specify an adapter group name to load-balance outbound PGP sessions across multiple adapter instances. Default is:</p> <pre>pgpCmdline2svcname=PGPCmdlineService</pre>
fgRoutePGPCmdLineSocketTimeout	<p>Timeout value, in milliseconds, for PGP package and unpackage operations invoked by Sterling File Gateway. Default value is 240000 milliseconds (4 minutes)</p>
fgRouteConcurrentSessionLimit	<p>Limits the number of File Gateway services that can be running concurrently. The services are split into two groups, and each group has this value as a limit. Therefore, there will be a maximum of two times the value of this property services running.</p> <p>It is best to set this somewhat (but not too much) higher than the number of business process threads in queues 4 and 6 (these are the queues where the File Gateway Services run.) The default is 8. To change this value, use the customer_overrides.properties file to set:</p> <pre>filegateway.fgRouteConcurrentSessionLimit=(# of limit)</pre>
required_si_build_ver	<p>The build number (version) of Sterling Integrator that Sterling File Gateway requires. This is checked at system start up. If the current version of Sterling Integrator does not equal the required_si_build_ver, a warning is issued and the system is shut down. Required. Do not change or override this property.</p>

filegateway_ui.properties (Build 5101 or Later)

The filegateway_ui.properties file contains properties which control the location of the Help systems for Sterling File Gateway and *myFileGateway*, as well as several other user interface settings.

The following table describes properties in the filegateway_ui.properties file:

Note: Do not edit the filegateway_ui.properties file. Make all changes in the customer_overrides.properties file. For example, to change the URL for the Help system, enter the following line into customer_overrides.properties:

```
filegateway_ui.help.uri=http://CUSTOM
```

substituting CUSTOM with your preferred URL. See [Using Property Files](#).

Property	Description
reportingdirectory	Location of the reports templates. Default - reportingdirectory=&INSTALL_DIR/reporting Required. Do not modify or override.
help.uri	Specifies the URL for the Help used by Sterling File Gateway. Required. The default is: <code>http://help.sterlingcommerce.com/SFG20/index.jsp</code> This site is hosted by Sterling Commerce.
myFghelp.uri	Specifies the URL for the help used by <i>myFileGateway</i> . Required. The default is: <code>http://help.sterlingcommerce.com/mySFG20/index.jsp</code> This site is hosted by Sterling Commerce.
notification.partner.url	Login URL for partner users to access <i>myFileGateway</i> . Required. The default is: <code>notification.partner.url=http://&HOST_ADDR;:&PORT1;/myfilegateway</code> Note: The specified URL will be included in email messages generated to partner users. If you implement Sterling Secure Proxy (SSP), it is imperative that you change this property to remove the original server details and replace with the SSP-designated URL.
notification.admin.url	Login URL for administrative users to access Sterling File Gateway. Required. The default is: <code>notification.admin.url=http://&HOST_ADDR;:&PORT1;/filegateway</code> Note: The specified URL will be included in email messages generated to administrative users.
fgMaxRoutingChannelRecords	Limits the total number of routing channel records returned by a search. Required. Default is 1000. You can change this to fine tune performance by editing the customer_overrides.properties file.
myFgStorageType	Storage type to use for new documents sent through myFileGateway. Possible values are: <ul style="list-style-type: none"> • default - use the system default • db - store documents in database • file - store documents in file system The default is default.

Property	Description
	To change this value, use the <code>customer_overrides.properties</code> file. For example to set it to database: <code>filegateway_ui.myFgStorageType=db</code>
<code>fgMaxActivityRecords</code>	Limits the total number of Activity Records that will be returned in activity search. This can be edited to fine tune performance. The default is: <code>fgMaxActivityRecords=1000</code>
<code>fgWindowTitle</code>	The title of the window that displays in the top browser bar for Sterling File Gateway. Required. Default is Welcome to Sterling File Gateway.
<code>myfgWindowTitle</code>	The title of the window that displays in the top browser bar for <i>myFileGateway</i> . Default is Welcome to Sterling File Gateway.
<code>fgSkinName</code>	The file that contains the branding information for Sterling File Gateway. Required. Default is FileGateway.
<code>myfgSkinName</code>	The file that contains the branding information for <i>myFileGateway</i> . Required. Default is FileGateway.
<code>fgOnboardingDefaultSessionTimeout</code>	The default session timeout in minutes for a Partner User created using the Sterling File Gateway onboarding. The default is: <code>fgOnboardingDefaultSessionTimeoutInMinutes=15</code>
<code>fgOnboardingDefaultUserGroupId</code>	The group partner users are automatically assigned to when they are created as a result of creating a partner in Sterling File Gateway, migrated from AFT, or the partner's identity is associated with a File Gateway partner group. Required. Default is File Gateway Partners Users Group.
<code>FGConsecFailedAttempts</code>	Number of consecutive failed login attempts that are allowed before a user is locked out of the application. Default is 0, which means users are never locked out.
<code>FGLockInterval</code>	Length of time, in minutes, that the lock is applied after the number of failed login attempts is exceeded. Default is 30.
<code>userIdMinLength</code>	Minimum number of characters in the user ID. The default is 5. To enable shorter or require longer User IDs, modify the following property in <code>customer_overrides.properties</code> : <code>userIdMinLength.ui=(# of characters)</code> The value of # of characters must be greater than zero. To implement single sign-on, this value must match the value set in Sterling Integrator.

Edit the Lock Out Parameter (Build 5101 or Later)

The lock out parameter specifies the number of consecutive failed login attempts that are allowed before a user is locked out of the application. By default, the lock out parameter (`FGConsecFailedAttempts`) 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 customer_overrides.properties file in the <install_dir>/properties directory.

Note: Do not edit the filegateway.properties file. Make all changes in the customer_overrides.properties file.

The following parameters control the user lock out behavior:

Property	Description
FGConsecFailedAttempts	Number of consecutive failed login attempts that are allowed before a user is locked out of the application. Default is 0, which means users are never locked out.
FGLockInterval	Length of time, in minutes, that the lock is applied after the number of failed login attempts is exceeded. Default is 30.

To change the lock out behavior:

1. Stop Sterling File Gateway.
2. In the <install_dir>/properties directory, locate customer_overrides.properties.
3. In a text editor, open customer_overrides.properties.
4. Locate the filegateway.FGConsecFailedAttempts = 0 entry.
5. Highlight and change 0 to the new number of login attempts.
6. Locate the filegateway.FGLockInterval = 30 entry.
7. Highlight and change 30 to the new number of minutes the lock applies.
8. Save the customer_overrides.properties file with the same name in the same location.
9. In the <install_dir>/bin directory run the setupfiles script.
10. Restart Sterling File Gateway. The changes you made in the customer_overrides.properties file are applied and come into effect for all user accounts.

About Event Codes (Build 5101 or Later)

Each activity during the progress of a file transfer generates an event code. These codes are displayed in the activity details to enable Partners and Operators to see the progress and navigate to more details. System Administrators can create custom event codes and modify the permissions for standard event codes.

Some event codes trigger notifications to subscribers. System Administrators can change the permissions for an event code by using the customer_overrides.properties file to override values in the filegateway_eventcodes.properties file. The default subscription settings are provided in the table below:

Event Code	Name	Description	Default Subscription Settings
FG_0050	MailboxAuthorizationFailure	When a user fails to access a mailbox that is monitored	Operators
FG_0201	BusinessProcessStarting	When a business process is started, with the reason for starting it stored in context.	Only in activity details.
FG_0202	BusinessProcessSuccess	When a business process is successfully completed, with a link to the business process.	Only in activity details.

Event Code	Name	Description	Default Subscription Settings
FG_0203	SendMessageBusinessProcessStarted	When a business process is successfully started, with a link to the business process.	Only in activity details.
FG_0250	BusinessProcessFailure	When a business process fails, with a link to the business process	Operators
FG_0401	FactDiscovery	When a fact is discovered by the route, for example, matching a pattern on the file name.	Only in activity details.
FG_0404	ProducerFound	When a producer and user are identified based on the arrived file.	Only in activity details.
FG_0407	ConsumerFound	When a consumer is identified based on the route plan.	Only in activity details.
FG_0408	ArrivedFileStarted	When a file arrives to be routed	Operators, producers, and consumers
FG_0409	ArrivedFileDeterminingRoutes	When an arrived file starts determining routes.	Only in activity details.
FG_0410	ArrivedFileRouting	When an arrived file starts processing routes.	Only in activity details.
FG_0411	ArrivedFileRouted	When an arrived file completes all its routes	Operators, producers, and consumers
FG_0412	RouteStarted	When a route is started from an arrived file.	Only in activity details.
FG_0413	RouteDeterminingDeliveries	When a route starts determining deliveries.	Only in activity details.
FG_0414	RouteDelivering	When a route starts processing deliveries.	Only in activity details.
FG_0415	RouteComplete	When a route completes all its deliveries	Operators, producers, and consumers
FG_0416	DeliveryStarted	When a delivery is started from a route.	Only in activity details.
FG_0417	DeliveryTransforming	When a delivery starts to transform the consumer file.	Only in activity details.
FG_0418	DeliveryDelivering	When a delivery starts delivering the consumer file to the consumer.	Only in activity details.
FG_0419	DeliveryComplete	When a delivery is complete	Operators, producers, and consumers
FG_0420	ArrivedFileReplayed	When an arrived file is replayed, with a link to the replay	Operators, producers, and consumers
FG_0421	ArrivedFileReplayOf	When an arrived file is a replay of an original arrived file, with a link to the original file.	Only in activity details.
FG_0422	Redeliver	When a redelivery is requested by a user	Operators, producers, and consumers
FG_0423	DeliverRedelivering	When a delivery starts redelivering the consumer file to the consumer.	Only in activity details.
FG_0424	ArrivedFileIgnored	When an arrived file is ignored due to a configured pattern for ignoring files	Operators, producers
FG_0425	ArrivedFileDescription	The description of the Arrived File	Operators, producers

Event Code	Name	Description	Default Subscription Settings
FG_0450	ProducerMessageNotFound	When a producer message is invalid or cannot be found	Operators, producers
FG_0451	ProducerDocumentNotFound	When a producer document is invalid or cannot be found	Operators, producers
FG_0455	ArrivedFileFailed	When an arrived file fails	Operators, producers
FG_0456	RouteFailed	When a route file fails	Operators, producers, and consumers
FG_0457	DeliveryFailed	When a delivery fails	Operators, producers, and consumers
FG_0458	FileGatewayServiceVersionMismatch	When a newer version of a system business process is installed, but is not the default chosen version.	Operators
FG_0501	ProducerMailboxRouteCandidatesFound	When route candidates are found for an arrived file based on the producer and the mailbox of the message.	Only in activity details.
FG_0502	RouteCandidatesFound	When route plan candidates are found for an arrived file.	Only in activity details.
FG_0503	RouteCandidate	A route plan candidate for an arrived file.	Only in activity details.
FG_0504	Route	When one or more routes are chosen from the candidates.	Only in activity details.
FG_0505	RoutesFound	The number of routes that will be executed.	Only in activity details.
FG_0506	Route Candidate Does Not Match	When a routing channel template contains no matching producer file structure for an arrived file.	Only in activity details.
FG_0550	ZeroRouteCandidatesFound	When no route candidates are found for an arrived file	Operators, producers
FG_0551	ZeroRouteChannelsFound	When no route channels are chosen from the list of candidates for an arrived file	Operators, producers
FG_0552	InvalidRoute	When a route is invalid	Operators, producers
FG_0601	TransformedMessage	When a message is transformed to the final format for the consumer.	Only in activity details.
FG_0602	ProducerPayloadExtracting	When the router begins to extract a producer payload file.	Only in activity details.
FG_0603	ConsumerPayloadConstructing	When the router begins to construct a consumer payload file for delivery.	Only in activity details.
FG_0604	ConstructedLayer	When a single layer in the consumer payload file gets constructed.	Only in activity details.
FG_0605	ExtractedLayer	When a single layer in the producer payload file gets extracted.	Only in activity details.
FG_0606	LayerOptions	When options are passed to a business process to process a layer.	Only in activity details.
FG_0607	PGPConstructSkipped	When the PGP Construct layer is skipped because the consumer does not handle PGP and it is optional on the Routing Channel Template	Operators, consumers

Event Code	Name	Description	Default Subscription Settings
FG_0650	ExtractLayerFailed	When extraction of a layer fails	Operators, producers
FG_0651	ConstructLayerFailed	When construction of a layer fails	Operators, consumers
FG_0701	DeliveredMailboxMessage	When a message is delivered to a mailbox (either a consumer mailbox or a mailbox for sending to a listening consumer).	Only in activity details.
FG_0702	DeliveredListeningPartnerMessage	When the file transfer is complete.	Only in activity details.
FG_0703	ChangeDirectory	When the supported protocol changes directory on the listening consumer's server to transfer the file.	Only in activity details.
FG_0704	ConsumerDestinationMailboxFound	When the destination mailbox for the consumer is discovered.	Only in activity details.

filegateway_eventcodes.properties

The filegateway_eventcodes.properties file contains properties that control the operation of event codes in Sterling File Gateway.

There are multiple properties in the filegateway_eventcodes.properties file for each event, in the format:

```
FG_<EVENT_CATEGORY><EVENT_CODE>.<PROPERTY_NAME>=<REPLACEABLE_TEXT>
```

where:

- <PROPERTY_NAME> is the parameter being defined for the particular event
- <REPLACEABLE_TEXT> is the value of the parameter for the particular event
- and the values used by Sterling File Gateway for <EVENT_CATEGORY> are:

Code	Category
00	Producer File Transfer
02	Routing Business Process
04	File Gateway General
05	Route Plan Determination
06	File Transformation
07	Consumer File Transfer

<EVENT_CODE> is a unique code (within the category) to identify this event. Check the other properties (or the FileGatewayEvent enumeration) to ensure no duplication.

<REPLACEABLE_TEXT> is text that displayed in the route details so users can monitor progress of the route.

The following information is provided for each event:

Property	Description	Example
Name	Name of the event. Displayed in the subscription UI (Profile > Notifications). Required.	XX_0050.name=MyCustomEventFailure
Attributes	Comma delimited list of named attributes to the event. Used in the text field and must correspond to the order listed in the text field. For example, UserId attribute corresponds to {0} below. All attributes need not appear in the text field. Required, but can be empty.	XX_0050.attributes=UserId,ErrorMessage
Text	Event description displayed in the route activity UI for a specific occurrence of this event. Required.	XX_0050.text=User {0} encountered failure {1}
Description	A generic event description that does not use attributes. Displayed in the subscription UI (Profile > Notifications). Required.	XX_0050.description=When a user encounters this custom event failure
Permissions	Comma delimited list that indicates who can be notified and who can view this event. Possible values are: <ul style="list-style-type: none"> • subscription - available for subscription to notifications • producer - producers can see in route activity events list and receive notifications • consumer - consumers can see in route activity events list and receive notifications Optional.	XX_0050.permissions=subscription

filegateway_eventcodes.properties includes only standard events shipped with Sterling File Gateway. Custom events you create are entered and configured in customer_overrides.properties.

Note: Do not edit the filegateway_eventcodes.properties file. Make all changes in the customer_overrides.properties file. For example, to change the name property, enter the following line into customer_overrides.properties:

```
filegatewayeventcodes.name=CUSTOM
```

substituting CUSTOM with the name of your event code. See *Add Custom Event Codes*.

Customized Business Processes (Build 5101 or Later)

Upgrading to a new build may install new versions of Sterling File Gateway system business processes. If you have modified the previous version of a system business process, the new version will be installed but will not

be set as the default version. Your modified version will continue to be the default version. During the build installation, the output will produce a message on the screen and in the installService.log similar to the following:

```
Adding New system flow: FileGatewayMailboxRoute.bpml BPML has not been set as
default version.
```

To use the new version of the system business process, you will need to manually update the business process to reflect your modifications and set it as the default version.

Sterling File Gateway performs a version check on system business processes to verify that the latest version is being run. If the version check fails, all routes are marked as “Failed”. For a failed route, click on the row to view details. Look for the error message:

```
FG-0458 A newer version of Business Process xxx is installed, but is not the
default chosen version.
```

This is a reminder to perform the changes and reset the default business process.

There is also a log entry when this occurs.

Route Provisioner Help

About Partner Users

Partner Users are the user accounts associated with partners, and are also referred to as users. Users are managed by System Administrators in Sterling Integrator. Partner users created in Sterling File Gateway are managed in Sterling File Gateway. If you delete a partner user from Sterling File Gateway, only the default user account in Sterling Integrator is deleted. Any additional user accounts in Sterling Integrator are not deleted. To delete other user accounts, go to **Tools > B2B Console > Accounts > User Accounts**.

About Partners (Build 5101 or Later)

Sterling File Gateway enables the exchange of files between partners through routing channels that are set up to connect specific partners. Partners that send files into Sterling File Gateway are referred to as producers, and those that retrieve files are referred to as consumers. A partner can be a producer, a consumer, or both from an operational standpoint.

Route Provisioners create, edit, and delete partners. Before partners can be created, though, it is important that the System Administrator configure any communications adapters the partners may need to use so that permissions are set correctly.

Each partner is associated with exactly one community.

If consumer partners will use SFTP, create the remote SSH Profile before creating the partners.

If partners will use PGP, perform the following before creating the partners:

- Install PGP server
- Start CLA2Client.jar process
- Modify PGPCmdlineService in B2B Console
- Create a PGP Profile named AFTPGProfile in the B2B Console

When a partner is created in Sterling File Gateway, the following objects are created to support the partner:

- A Sterling Integrator user account
- A Sterling Integrator mailbox using the partner name
- A Sterling Integrator virtual root for the user and mailbox

The user account is automatically assigned to the File Gateway Partners Users group, or the custom group which is set as default group in filegateway_ui.properties file. The user group users are assigned to has specific permissions that are granted to the users. See *About Permissions*.

If the partners will be authenticated outside of Sterling File Gateway, the System Administrator must establish your authentication server and Authentication Management System before you create the partners. Do not remove or reorder the authentication servers in the customer_overrides.properties file after creating partners associated with them.

To apply a password policy other than the default password policy provided in Sterling Integrator, the System Administrator must create the new policy in Sterling Integrator before you create the partners. Select the new policy from the list when creating the partners.

Create a Partner (Build 5101 or Later)

You can create partners in a test system and migrate them to a production system using Export and Import, or you can create partners directly in a production system. To avoid conflicts between systems, you should create partners in either the source or target system of Export/Import, not both.

Note: An Integration Architect must create one or more communities before a Route Provisioner can create a partner.

To create a partner:

1. From the main menu, select **Participants > Partners**
2. Click **Create**.
3. From the **Community** list, select the community to which this Partner will belong.
4. Complete the steps in the wizard to enter the information for the Partner.

Field	Description
Partner Name	A unique name with a maximum of 100 characters. Spaces are allowed. Two partners cannot have the same Partner Name. You cannot modify the Partner Name after the partner is created. Required.
Partner Code	<p>The Partner Code field is optional. If not specified, a Partner Code is generated based on the Partner Name, up to the first 24 alphanumeric characters, when the partner is created.</p> <p>A maximum of 24 alphanumeric characters. Only characters from the US-ASCII alphabet, numbers, and special characters of underscore, dash and period are permitted. Two partners cannot have the same Partner Code. You cannot modify the Partner Code after the partner is created.</p> <p>Note: If you specify a Partner Code different from the Partner Name, do not specify ProducerCode or ConsumerCode in the root portion of the mailbox path when you create a routing channel. A mailbox would be created that cannot be accessed by users to download files.</p> <p>A consumer mailbox path pattern of /\${ConsumerName}/from_ \${ProducerCode} or a producer mailbox path of /\${ProducerName}/to_ \${ConsumerCode} is valid.</p>
Address	Address of the Partner. Optional.
City	City of the Partner. Optional.

Field	Description
State	State or province the Partner operates in. Optional.
Postal Code	Postal code for the Partner. Optional.
Phone	Phone contact number for the Partner. Required.
Country	Select from the list. Required. Default is UNITED STATES.
Time Zone	Select from the list. Required. Default is (GMT-05:00) Eastern Time (US & Canada).
Email Address	E-mail address of the Partner. Required.

5. Complete the steps in the wizard to create a user account:

Field	Description
Authentication Type	Valid values are: <ul style="list-style-type: none"> • Local • External - authenticated outside Sterling File Gateway For External Authentication Type, select the server that will perform authentication in the Authentication Host field. Do not specify or confirm a password.
User Name	A minimum of 5 characters and maximum of 36 characters. No spaces, tabs, or the following characters: !@#%^(*)+?,<>[]{}V";
Password	A maximum number of 100 characters. Must comply with rules in the selected password policy, if one is specified. Disabled if Authentication Type is External.
Password Policy	Populated with values of password policy from Sterling Integrator. Default is blank (none). Disabled if Authentication Type is External.
Authentication Host	Populated with values from the customer_overrides.properties file. If you are using Sterling Secure Proxy for authentication, the settings in Sterling Secure Proxy override the entry here. Disabled if Authentication Type is Local.
Session Timeout (in minutes)	Number of minutes of inactivity before session ends. Default is 15. To change the default, System Administrators can edit customer_overrides.properties to set: <pre>filegateway_ui.fgOnboardingDefaultSessionTimeoutInMinutes = <new value></pre>
First Name	A maximum number of 64 characters.
Last Name	A maximum number of 64 characters.

6. Specify the partner role:

Field	Description
Partner is a Consumer of Data	Select if the partner receives data from the Router. Then select one of the following: <ul style="list-style-type: none"> • Partner will initiate the connection to consume data. • Partner will listen for a connection to consume data. • Listens for SSH/SFTP Connections

Field	Description
	<ul style="list-style-type: none"> • Listens for Connect:Direct Connections • Listens for FTP Connections • Listens for FTPS Connections • (Any custom protocols that have been added by the System Administrator) <p>A partner can be either an initiating consumer or a listening consumer, not both.</p>
If you selected: Partner will listen for a connection to consume data. > Listen for SSH/SFTP Connections	Select an SSH Remote Profile on the next page.
If you selected: Partner will listen for a connection to consume data. > Listen for Connect:Direct Connections	<p>Specify the following fields:</p> <ul style="list-style-type: none"> • Local Node Name (Required) • Remote Node Name (Required) • Local User Id (Optional) • Remote User Id (Optional) • Remote Password (Optional) • Remote Password Confirm (Optional) • Remote File Name (Optional) • Disposition to be applied to remote file (Optional) • CheckpointInterval to be used for checkpoint restart (Optional) <p>The values supplied for the preceding fields are passed to Connect:Direct.</p>
If you selected: Partner will listen for a connection to consume data. > Listen for FTP Connections	<p>Specify the following fields:</p> <ul style="list-style-type: none"> • FTP Server Host Name (or IP address) (Required) • FTP Listen Port. Default is 21. (Required) • Connection Type - Active or Passive. Default is Active. (Required) • User Name (Required) • Password (Required) • Confirm Password (Required) • Base Directory (Optional) • Local Port Range (Optional) • Control Port Range (Optional) • Number of retries. Default is 3. (Required) • Interval between retries (in minutes). Default is 1. (Required) • Upload file under a temporary name first? Yes or No. Default is No.(Required)
If you selected: Partner will listen for a connection to consume data. > Listen for FTPS Connections	<p>Specify the following fields:</p> <ul style="list-style-type: none"> • FTP Server Host Name (or IP address) (Required) • FTP Listen Port. Default is 21. (Required) • Connection Type - Active or Passive. Default is Active. (Required) • User Name (Required) • Password (Required) • Confirm Password (Required) • Base Directory (Optional) • Local Port Range (Optional) • Control Port Range (Optional) • Number of retries. Default is 3. (Required) • Interval between retries (in minutes). Default is 1. (Required) • Upload file under a temporary name first? Yes or No. Default is No.(Required)

Field	Description
If you selected: Partner will listen for a connection to consume data. > (Any custom protocols that have been added by the System Administrator)	Additional fields may be available on the following page, according to the definitions by the System Administrator.
Partner is a Producer of Data	Select if this partner initiates protocol connections and produces data. A partner can be both a consumer and a producer of data.

7. Answer "Will Partner use either SSH/SFTP or SSH/SCP protocol to initiate connections?"
Select **Yes** or **No**. Default is No. If Yes, you can specify if Partner will use an Authorized User Key to authenticate.
8. Answer "Will Partner use an Authorized User Key to authenticate?"
Select **Yes** or **No**. Default is No. If Yes, you must provide the Authorized User Key.
9. Confirm the Partner information and save.
10. Close the Communities window, but do not log out.
11. On the Partner page, click **Refresh** below the Partners list. The new Partner is listed.

For each partner, one user account is automatically created and associated with the default user group. For additional users, create the user account in Sterling Integrator, then associate it with the partner identity and the appropriate user group.

By default, Partners are automatically associated with the File Gateway All Partners partner group. System Administrators can change the default user group in `customer_overrides.properties` by setting the property `fgOnboardingDefaultUserGroupId`.

Edit a Partner (Build 5101 or Later)

You should only edit partners during a time of no activity, such as a maintenance window. You can disable routing for maintenance by disabling the routing rule (`FileGatewayRoutingRule`) or by disabling the routing schedules:

- `MailboxEvaluateAllAutomaticRules`
- `MailboxEvaluateAllAutomaticRulesSubMin`

To edit a partner:

1. From the main menu, select **Participants > Partners**.
2. Select the partner in the list. To select from the list, type characters and **Enter** to narrow the list to items containing those characters. Scroll to select an item from the list. **Backspace** to remove characters and **Enter** to return to the full list.
3. Click **Edit**. The following fields cannot be edited:
 - Partner Name
 - Partner Code
 - User Name

Note: The Edit button is only enabled if the Partner was created in Sterling File Gateway or migrated from AFT or Connect:Enterprise for UNIX.

4. Make the desired changes and click **Save**.
5. Close the window to return to Sterling File Gateway, but do not log out.

Reports and searches for operations involving the Partner are unaffected by editing the partner.

Delete a Partner (Build 5101 or Later)

To delete a partner:

1. From the main menu, select **Participants > Partners**.
2. Select the partner in the list and click **Edit**.
3. Sterling Integrator opens in a new window. Select **Return**.
4. Click **Delete** next to the partner you want to delete. You can only delete partners created in Sterling File Gateway or migrated from AFT or Connect:Enterprise for UNIX.
5. When prompted "Are you sure you want to delete this trading partner. Contents related to this trading partner will be lost?" Select **Yes** to delete the partner or **Cancel** to keep the partner.

Note: When you delete a Partner, any routing channels that have that Partner as the producer or consumer are also deleted. Though the partner is deleted, information about operations that involved the deleted partner are retained until purged.

6. Click **Return**.
7. Close the **Communities** window, but do not log out.

Create a Routing Channel (Build 5101 or Later)

To create a routing channel:

1. From the Routes menu, select **Channels**.
2. Click **Create**, or right-click on the page and click **Create Routing Channel**.
3. Select a routing channel template from the list. If you select a static template, select a producer and a consumer. If you select a dynamic template, select only a producer.

To create multiple routing channels with the same template, producer, and producer mailbox, use a static template where the ConsumerName or ConsumerCode fact is specified in all producer file structures at the outer file layer, or the second file layer for ZIP files.

To select from the lists, type characters in the box to narrow the list to items containing these characters. The routing channel template list is case-sensitive according to your database settings, so type characters in the correct case. Scroll to select an item from the list. Backspace to remove the characters and to return to the full list. Specifying more field values narrows your search.

4. If prompted for additional values that represent provisioning facts, the maximum length allowed for a fact value is 255. Valid characters are:
 - Alphanumeric characters
 - Equal and space characters

- Unicode characters that represent alphanumeric in various languages

The following characters are explicitly prohibited because they are not allowed in a mailbox path:

? < > | ' " : / \ % *

Only partner users with the File Gateway Auto-grant Mailbox permission are given permission to partner mailboxes specified in a routing channel.

Operator Help

Search for a File (Build 5101 or Later)

The **Basic Search** page enables you to search for a file based on criteria you select. The **Advanced Search** page provides more options for criteria.

You can specify more criteria to narrow your results, or fewer criteria to widen your results. For any field, leave blank to select all values.

1. On the **Search Criteria** tab, enter the basic search criteria. This page is useful for finding files in major categories. To search for more-specific files, select **Advanced Search**. All of the criteria on the Basic Search page are also available on the Advanced Search page, along with many more criteria.
2. For **Producer**, select from the list or type the producer name. Leave this field blank to search for files from all producers.
3. For **Consumer**, select from the list or type the consumer name. Leave this field blank to search for files from all consumers.
4. For **Status**, select from:
 - Started - includes Started, Determining Routes, and Routing
 - Succeeded - includes Routed (arrived files, routes and deliveries)
 - Failed - includes Failed

Leave blank to search for files with any status.

5. For **Protocol**, select from:
 - FTP
 - SFTP
 - Connect:Direct

Leave blank to search for files using any protocol.

6. For **Original File Name**, type the full or partial name of the file the producer sent. This field is case-insensitive. File names containing the string will be matched in the search. Leave this field blank to search for all file names.
7. Click **Find** to initiate the search.

The Search Results tab opens and the Arrived File pane is displayed with results matching all of your criteria. A maximum of 1000 files (or another limit set by your System Administrator) is displayed. The following information is provided for each arrived file:

- Reviewed
 - Status
 - Producer
 - File Name
 - Discovery Time
8. If more than 1000 files (or another limit set by your System Administrator) match your criteria, a message is displayed indicating that you have more than 1000 matches and need to narrow your search. The first 1000 files are displayed.
 9. Sort the results by clicking on any column header. Click again to change from descending order to ascending order. The default sort is by **Discovery Time**, in descending order.
 10. To search for a file with more specific criteria, click on **Advanced Search**.
 11. Select criteria in the Arrived File section from the following fields:

Field	Description
Producer	The partner who creates and sends files. Select from the list. Type the producer name to obtain unpurged data for producers who have been deleted. Leave blank to search for files from all producers.
Producer Code	The code for the producer. Select from the list. Type the producer code to obtain unpurged data for producers who have been deleted. Leave blank to search for files from all producers.
Producer Group	The group the producer is a member of. Select from the list. Type the producer group to obtain unpurged data for groups that have been deleted. Leave blank to search for files from all groups.
IP Address	The host IP address of the producer.
User	User ID of the protocol authentication.
Protocol	Select from: <ul style="list-style-type: none"> • FTP • SFTP • Connect:Direct
Original File Name	Full or partial name of the file the producer sent. This field is case-insensitive.
File Size (Min) (kilobytes)	Smallest file size to search for.
File Size (Max) (kilobytes)	Largest file size to search for.
Status	Select from: <ul style="list-style-type: none"> • Started - includes Started, Determining Routes, and Routing • Succeeded - includes Routed (arrived files, routes and deliveries) • Failed - includes Failed

Field	Description
	This is the status of the Arrived File.
Reviewed	<p>Select to:</p> <ul style="list-style-type: none"> • Show both reviewed and unreviewed arrived files. • Show only unreviewed arrived files. • Show only reviewed arrived files. <hr/> <p>Note: Use these options to manage your review process of file transfers.</p>
Message ID	The numeric message ID of the arrived file.
Mailbox Path	Full or partial name for the mailbox directory path of the arrived file. This field is case-insensitive.
Dataflow ID	The numeric dataflow ID for the file.
Date (From)	Click on the calendar icon to select the date to begin the search.
Date (To)	Click on the calendar icon to select the date to end the search.
Time (From)	The arrival hour, in 24-hour format, to begin the search. If the date fields are left blank, the time fields are ignored. If 0 is entered, records for all times are returned.
Time (To)	The arrival hour, in 24-hour format, to end the search. If the date fields are left blank, the time fields are ignored. If 0 is entered, records for all times are returned.

12. Select criteria in the Route section from the following fields:

Field	Description
Consumer	The partner who receives files directly or in a mailbox. Select from the list. Type the consumer name to obtain unpurged data for consumers who have been deleted. Leave blank to search for files from all consumers.
Consumer Code	The code for the consumer. Select from the list. Type the consumer code to obtain unpurged data for consumers who have been deleted. Leave blank to search for files from all consumers.
Consumer Group	The group the consumer is a member of. Select from the list. Type the consumer group to obtain unpurged data for groups that have been deleted. Leave blank to search for files from all groups.
Template Name	<p>Routing Channel Template applied to the file transfer.</p> <hr/> <p>Note: Finds files that successfully routed based on the template.</p>
Facts	<p>Select from:</p> <ul style="list-style-type: none"> • ConsumerCode • ConsumerFilename • ConsumerName

Field	Description
	<ul style="list-style-type: none"> • ConsumerPgpExtension • ProducerCode • ProducerFilename • ProducerName <hr/> <p>Note: The list will also include any custom facts defined by the Integration Architect, with a prefix of "my".</p>
Fact Value	Value for the fact selected above. Required when Fact is selected. This field is case-insensitive.
Status	Select from: <ul style="list-style-type: none"> • Started - includes Started, Determining Delivery, and Delivering • Succeeded - includes Complete • Failed - includes Failed This is the status of the Route.

13. Select criteria in the Delivery section from the following fields:

Field	Description
IP Address	Host IP address for the delivered file. Do not use with In Mailbox specified as the protocol.
User	User ID of the protocol authentication. Do not use with In Mailbox specified as the protocol.
Protocol	Delivered file protocol. Select from: <ul style="list-style-type: none"> • FTP • Inbound FTP • Outbound FTP • SFTP • Inbound SFTP • Outbound SFTP • Connect:Direct • Inbound Connect:Direct • Outbound Connect:Direct • In Mailbox (for files that have not been retrieved)
Delivered File Status	Select from: <ul style="list-style-type: none"> • Started - includes Transforming, Delivering, and Redelivery • Succeeded - includes Complete • Failed - includes Failed This is the status of the delivered file.
Delivered File Name	Full or partial name of the delivered file. This field is case-insensitive.
File Size (Min) (kilobytes)	Smallest file size to search for.
File Size (Max) (kilobytes)	Largest file size to search for.
Message ID	The numeric message ID of the delivered file.

Field	Description
Mailbox Path	Full or partial name for the mailbox directory path of the delivered file. This field is case-insensitive.
Date (From)	Click on the calendar icon to select the date to begin the search.
Date (To)	Click on the calendar icon to select the date to end the search.
Time (From)	The delivery hour, in 24-hour format, to begin the search. If the date fields are left blank, the time fields are ignored. If 0 is entered, records for all times are returned.
Time (To)	The delivery hour, in 24-hour format, to end the search. If the date fields are left blank, the time fields are ignored. If 0 is entered, records for all times are returned.

Note: Searches using the characters `_` and `%` (underscore and percent) may produce more results than expected, because these characters are interpreted as wildcards. Specify more characters to narrow your search, or visually search for the matches within the returned results.

Search results

In the search results for arrived files, the Producer Name is listed, if available. If Producer Name is not available, the Producer Code is listed in italics.

In the search results for routes, the Consumer Name is listed, if available. If Consumer Name is not available, the Consumer Code is listed in italics.

Where an arrived file is routed to multiple consumers, an individual route record will be created for each consumer. Search criteria that include a consumer specification will return arrived files that included the specified consumer in one of the resulting routes.

Failed Routes for Renamed Files

If Sterling File Gateway tries to route a file that has been deleted from the mailbox, it results in a failed route. In the Arrived File list, click on the Failed route to view the Arrived File Event details. The following event message is listed:

```
FG-0450 ERROR: Producer Mailbox Message Does Not Exist.
```

Click on the Dataflow link in the details.

This can happen when a protocol client that uploads files to Sterling File Gateway performs renaming of files upon transfer.

System Administrators can specify the temporary file name pattern in the `ignoreFilenameX` parameter as a regex expression in `filegateway.properties`. This causes the specified patterns to be listed in the Arrived File list as Ignored. Multiple file name patterns can be specified.

myFileGateway Help

Retrieve a File Using *myFileGateway*

In *myFileGateway*, Partners retrieve a file from a mailbox.

To retrieve a file:

1. From *myFileGateway*, click on the Download tab.
2. Select a file from the list of files. Only files present in the mailbox that you have permission to download are provided in the list. You can filter the list for specific character strings. Enter the characters in the field above the column headings.

Note: The filter finds any occurrence of the requested string. For example, if you want to find records from the date that contain a 13, the filter will also return records that have a 13 in the time field, or any other field.

3. Select whether to open or save the file.
4. To save the file, browse to the location for the file to be saved. Select the location and click **Save**.

Note: During the file transfer, if you click **Cancel**, the transfer may or may not be stopped, depending on the size of the file and rate of transfer. Click **Refresh** to see if the file is still available for download.
