

**Sterling Integrator®**

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**Reports**

**Version 5.1**

**Sterling Commerce**  
*An IBM Company*

# Contents

- Admin Audit Report.....3**
- Authorization Report.....8**
- Authentication Report.....11**
- Business Process Definition List Reports.....14**
- Business Process Detail Reports.....16**
- EDI Compliance Report.....19**
- EDI Outbound Acknowledgment Reports.....25**
- Map List Reports.....29**
- Reports Generated by Fact Models You Create.....32**
- System Logs Detail Report.....34**
- Traffic Report.....36**
- Traffic Summary Report.....40**
- Translation Service Report.....43**
- Translation Status Report.....45**
- WFactModelDetail\_CnxtCachWarn Report.....51**
- WorkFlow Fact Model Detail Reports.....53**

# Admin Audit Report

The Admin Audit report provides a listing of changes made to protected entities such as User, Group, Permission, Mailbox, Virtual Root, Routing Rule, Service / Adapter, and indicates which User (or principal) made the changes. Changes include create, edit, delete, enable and disable. Use this report to see which users made changes to certain protected resources.

The following table lists the Admin Audit reports that are installed with :

Report Name	Description
AdminAuditByObjectType	This is an Admin Audit report organized by object type. All other available criteria is reported according to the defaults.
AdminAuditByPrincipal	This is an Admin Audit report organized by principal. All other available criteria is reported according to the defaults.

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Report By Parameters

Parameter	Description
Report By Fields (Resource Type)	The protected entity being audited. Valid values are: <ul style="list-style-type: none"><li>• User Account</li><li>• Group</li><li>• Permission</li><li>• Mailbox</li><li>• Virtual Root</li><li>• Routing Rule</li><li>• Service/Adapter</li></ul>
Report By Fields (Principal)	The authenticated user of record that is performing the audited function.

## Detail Filtering Parameters

The parameters that display are the same whether you select Resource Type or Principal as the report by field:

Parameter	Description
Operator	<p>The operator filter function enables you to further define search criteria for many report parameters. Valid values are</p> <ul style="list-style-type: none"> <li>• ALL</li> <li>• Equal To</li> <li>• Not Equal To</li> <li>• Like</li> </ul> <p>:</p> <hr/> <p><b>Note:</b> Displays a text box if you select an operator other than ALL. Do not use special characters that are not allowed for the parameter you are filtering by.</p>
Principal	The authenticated user of record that is performing the audited function.
Action Type	The type of change the principal applied to the subject resource. Examples are <b>Create Description</b> or <b>Edit Password</b> .
User account action types	<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• Create: First Name</li> <li>• Create: Last Name</li> <li>• Create: Password</li> <li>• Create: Identity</li> <li>• Create: Policy</li> <li>• Create: Add Group</li> <li>• Create: Add Permission</li> <li>• Edit: First Name</li> <li>• Edit: Last Name</li> <li>• Edit: Password</li> <li>• Edit: Identity</li> <li>• Edit: Policy</li> <li>• Edit: Add Group</li> <li>• Edit: Remove Group</li> <li>• Edit: Add Permission</li> <li>• Edit: Remove Permission</li> <li>• Delete: &lt;username&gt;</li> </ul>
Group action types	<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• Create: Name</li> <li>• Create: Identity</li> <li>• Create: Owner</li> <li>• Create: Add Permission</li> <li>• Create: Add Subgroup</li> </ul>

Parameter	Description
	<ul style="list-style-type: none"> <li>• Edit: Name</li> <li>• Edit: Identity</li> <li>• Edit: Owner</li> <li>• Edit: Add Permission</li> <li>• Edit: Add Subgroup</li> <li>• Edit: Remove Permission</li> <li>• Edit: Remove Subgroup</li> <li>• Delete: &lt;Group Name&gt;</li> </ul>
Permission action types	<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• Create: Name</li> <li>• Create: Type</li> <li>• Edit: Name</li> <li>• Edit: Type</li> <li>• Delete: &lt;Permission Name&gt;</li> </ul>
Mailbox action types	<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• Create: Name</li> <li>• Create: Description</li> <li>• Create: Add Group</li> <li>• Create: Add User</li> <li>• Edit: Add User</li> <li>• Edit: Remove User</li> <li>• Edit: Add Group</li> <li>• Edit: Remove Group</li> <li>• Delete: &lt;Mailbox Name&gt;</li> </ul>
Virtual root action types	<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• Create: User ID</li> <li>• Edit: Virtual Root Path</li> <li>• Delete: &lt;User ID&gt;</li> </ul>
Routing Rule action types	<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• Create: Name</li> <li>• Create: Business Process</li> <li>• Create: Evaluate Automatically</li> <li>• Create: Message Name Pattern</li> <li>• Create: User ID</li> <li>• Create: Add Mailbox</li> <li>• Create: Contract</li> <li>• Edit: Name</li> <li>• Edit: Business Process</li> <li>• Edit: Evaluate Automatically</li> <li>• Edit: Message Name Pattern</li> </ul>

Parameter	Description
	<ul style="list-style-type: none"> <li>• Edit: User ID</li> <li>• Edit: Add Mailbox</li> <li>• Edit: Remove Mailbox</li> <li>• Edit: Contract</li> <li>• Delete: &lt;Routing Rule Name&gt;</li> </ul>
Service and adapter action types	<p>Valid values are:</p> <ul style="list-style-type: none"> <li>• Create &lt;adapter type UI display name, for example, File System Adapter&gt;: Description</li> <li>• Create &lt;adapter type UI display name, for example, File System Adapter&gt;: Group Name</li> <li>• Create &lt;adapter type UI display name, for example, File System Adapter&gt;: &lt;service / adapter specific property, variable depending on service / adapter type, for example, bootstrap for File System Adapter</li> <li>• Edit &lt;adapter type UI display name, for example, File System Adapter&gt;: Description</li> <li>• Edit &lt;adapter type UI display name, for example, File System Adapter&gt;: Group Name</li> <li>• Edit &lt;adapter type UI display name, for example, File System Adapter&gt;: Status</li> <li>• Edit &lt;adapter type UI display name, for example, File System Adapter&gt;: &lt;service / adapter specific property, variable depending on service / adapter type, for example, bootstrap for File System Adapter</li> <li>• Delete: &lt;Service / Adapter Type&gt;</li> </ul>
Action Value	<p>The value of change applied to the resource by the principal. For example, if you add a Permission to a User Account, the Action Value is the name of the added Permission.</p> <p>Service / Adapter instances have unique properties captured by Admin Audit reporting, so there is a wide range of valid values for this field.</p> <p>An example is a value of <b>Disabled</b> when a user disables a service or adapter.</p>
Resource Type	<p>The protected entity being audited. Valid values are:</p> <ul style="list-style-type: none"> <li>• User Account</li> <li>• Group</li> <li>• Permission</li> <li>• Mailbox</li> <li>• Virtual Root</li> <li>• Routing Rule</li> <li>• Service/Adapter</li> </ul>
Resource Name	<p>The name of the resource being modified by this event. You create a name for a specific resource type instance. For example, "Documentation_FSA" represents the name of a File System Adapter instance, and "admin" refers to a User Account instance.</p>

### Detail Filtering (Time/Date) Parameters

The date calculation is made when the report is run. You must select either during previous or a date range.

Parameter	Description
During previous Hours, days, weeks, months	The time period when the Admin Audit was last modified.
Or From / To Date	The date and time range in which the Admin Audit was last modified.

### Detail Filtering (Display Order) Parameters

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Whether the report is sorted by business process name or status in ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

# Authorization Report

The Authorization report enables you to obtain a listing of attempts to access protected resources within Sterling Integrator including Mailboxes, Business Processes, War files and URIs, including the name of the protected resource, the principal attempting the access, and whether Sterling Integrator granted access or not.

The following table lists the Authorization reports that are installed with Sterling Integrator:

Report Name	Description
AuthorizationByPrincipal	This is an Authorization report organized by principal. All other available criteria is reported according to the defaults.
AuthorizationByProtocol	This is an Authorization report organized by protocol. All other available criteria is reported according to the defaults.
AuthorizationByResourceType	This is an Authorization report organized by resource type. All other available criteria is reported according to the defaults.

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Report By Parameters Parameters

Parameter	Description
Principal	The userid authenticated as a valid Sterling Integrator user.
Protocol	The protocol for the communication session within which this authorization event happened. Valid values are: <ul style="list-style-type: none"><li>• FTP</li><li>• Connect:Direct</li><li>• SFTP</li><li>• HTTP</li><li>• MBI</li><li>• WebDAV</li></ul>



Parameter	Description
Resource Type	<p>The type of protected Sterling Integrator resource requested for access by the principal. Valid values are:</p> <ul style="list-style-type: none"> <li>• Mailbox</li> <li>• Business Process</li> <li>• War File</li> <li>• URI</li> </ul>

### Detail Filtering Parameters

The parameters that display are the same whether you select Resource Type or Principal as the report by field:

Parameter	Description
Operator	<p>The operator filter function enables you to further define search criteria for many report parameters. Valid values are:</p> <ul style="list-style-type: none"> <li>• ALL</li> <li>• Equal To</li> <li>• Not Equal To</li> <li>• Like</li> </ul> <hr/> <p><b>Note:</b> Sterling Integrator displays a text box if you select an operator other than ALL. Do not use special characters that are not allowed for the parameter you are filtering by.</p> <hr/>
Principal	Userid authenticated as a valid Sterling Integrator user
Resource Type	<p>The type of protected Sterling Integrator resource requested for access by the principal. Valid values are:</p> <ul style="list-style-type: none"> <li>• Mailbox</li> <li>• Business Process</li> <li>• War File</li> <li>• URI</li> </ul>
Resource	Name of the protected Sterling Integrator resource requested for access by the principal.
Protocol	<p>The protocol for the communication session within which this authorization event happened. Valid values are:</p> <ul style="list-style-type: none"> <li>• FTP</li> <li>• Connect:Direct</li> <li>• SFTP</li> <li>• HTTP</li> <li>• MBI</li> <li>• WebDAV</li> </ul>

Parameter	Description
Session-Id	Unique ID for a particular communication session. The format varies by protocol.
Adapter	Name of the specific adapter being used for the session within which the authentication event occurred.

### Detail Filtering (Time/Date) Parameters

The date calculation is made when the report is run. You must select either during previous or a date range.

Parameter	Description
During previous Hours, days, weeks, months	The time period when the Authorization report was last modified.
Or From / To Date	The date and time range in which the Authorization was last modified.

### Detail Filtering (Display Order) Parameters

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Whether the report is sorted by business process name or status in ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

# Authentication Report

The Authentication Report enables you to obtain a listing of user authentication attempts into Sterling Integrator, and from within Sterling Integrator to remote systems. User authentication is any log in with a user ID.

The following table lists the Authentication reports that are installed with Sterling Integrator:

Report Name	Description
AuthenticationByEndPoint1	This is an Authentication report organized by end point. All other available criteria is reported according to the defaults.
AuthenticationByPrincipal	This is an Authentication report organized by principal. All other available criteria is reported according to the defaults.
AuthenticationByProtocol	This is an Authentication report organized by protocol. All other available criteria is reported according to the defaults.

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Report By Parameters

Parameter	Description
Remote EndPoint	The name of the remote server location involved in the authentication event. Valid values include: <ul style="list-style-type: none"><li>• IP address</li><li>• Connect:Direct netmap entry</li></ul>
Principal	Either the userid presented to be authenticated as a valid Sterling Integrator user or the userid presented to the remote server to authenticate on the remote server.
Protocol	The protocol for the communication session within which this authentication event happened. Valid values are: <ul style="list-style-type: none"><li>• FTP</li></ul>

Parameter	Description
	<ul style="list-style-type: none"> <li>• Connect:Direct</li> <li>• SFTP</li> <li>• HTTP</li> <li>• MBI</li> <li>• WebDAV</li> </ul>

### Detail Filtering Parameters

The parameters that display are the same whether you select Remote Endpoint, Principal, or Protocol as the report by field:

Parameter	Description
Operator	<p>The operator filter function enables you to further define search criteria for many report parameters. Valid values are:</p> <ul style="list-style-type: none"> <li>• ALL</li> <li>• Equal To</li> <li>• Not Equal To</li> <li>• Like</li> </ul> <hr/> <p><b>Note:</b> Sterling Integrator displays a text box if you select an operator other than ALL. Do not use special characters that are not allowed for the parameter you are filtering by.</p>
Principal	<p>Either the userid presented to be authenticated as a valid Sterling Integrator user or the userid presented to the remote server to authenticate on the remote server.</p>
Cred Type	<p>The authentication credential type presented for authentication. Examples include:</p> <ul style="list-style-type: none"> <li>• Password</li> <li>• Public key</li> <li>• Netmap check</li> <li>• sslClientAuth</li> <li>• Contract</li> <li>• Sender</li> <li>• SHA1/MD5</li> </ul>
Cred Value	<p>The value of the credential presented for authentication. If the credential type is password, the value is set to *****.</p>
Remote EndPoint	<p>The name of the remote server location involved in the authentication event. Valid values include:</p> <ul style="list-style-type: none"> <li>• IP address</li> <li>• Connect:Direct netmap entry</li> </ul>

Parameter	Description
Local EndPoint	The name of the local server location involved in the authentication event. Valid values include: <ul style="list-style-type: none"> <li>• IP address as hosted by the Perimeter Server supporting the connection for the adapter</li> <li>• Connect:Direct netmap entry</li> </ul>
Protocol	The protocol for the communication session within which this authentication event happened. Valid values are: <ul style="list-style-type: none"> <li>• FTP</li> <li>• Connect:Direct</li> <li>• SFTP</li> <li>• HTTP</li> <li>• MBI</li> <li>• WebDAV</li> </ul>
Session-Id	Unique ID for a particular communication session. The format varies by protocol.
Adapter	Name of the specific adapter being used for the session within which the authentication event occurred.

### Detail Filtering (Time/Date) Parameters

The date calculation is made when the report is run. You must select either during previous or a date range.

Parameter	Description
During previous Hours, days, weeks, months	The time period when the Authentication Report was last modified.
Or From / To Date	The date and time range in which the Authentication Report was last modified.

### Detail Filtering (Display Order) Parameters

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Whether the report is sorted by business process name or status in ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

# Business Process Definition List Reports

The Business Process Definition List report enables you to obtain a listing of business process definitions sorted by parameters including business process name and whether the business process is enabled in Sterling Integrator. You may want to use this report if, for example, you need to know how many business process definitions were modified during a specified time period.

The Business Process Definition report contains all versions of the business process definitions. The totals in the report are inclusive of every version of each business process definition. For example, if you select to report on the total number of business process definitions enabled in your system, and you have two versions of Business Process A and two version of Business Process B, the Business Process Definition report indicates that you have a total of four enabled business process definitions in your system.

The following table lists the Business Process Definition List reports that are installed with Sterling Integrator.

Report Name	Description
BPDefList_ByBPDefStatus	This is a Business Process Definition List report organized by business process definition status. All other available criteria is reported according to the defaults.
BPDefList_ByBPName	This is a Business Process Definition List report organized by business process name. All other available criteria is reported according to the defaults.

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Report By Parameters

Parameter	Description
Business Process Name	The report is sorted by the name of the business process definition or definitions.
Business Process Status	The report is sorted by business process definition status.

## Detail Filtering Parameters

Parameter	Description
Business Process Name	The name of the business process definition or definitions that are included in the report.
Status	Whether the business process is enabled or disabled. <b>Note:</b> When you select Enabled, the report contains all versions of the business process or business processes selected.
Modified By	The person who last modified the business process definition.
Description	The user-defined description of the business problem that the business process instance addresses.

## Detail Filtering (Modification Date) Parameters

The date calculation is made when the report is run. You must select either during previous or a date range.

Parameter	Description
During previous Hours, days, weeks, months	The time period when the business process definition was last modified.
Or From / To Date	The date and time range in which the business process definition was last modified.

## Detail Filtering (Display Order) Parameters

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Whether the report is sorted by business process name or status in ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

# Business Process Detail Reports

The Business Process Detail report enables you to sort and report on business process instances (when a business process is executed), categorized by business process name, workflow state, and workflow status. You may want to use this report to determine, for example, how many business processes run on a particular day are still marked with the status Waiting.

The following table lists the Business Process Definition List reports that are installed with Sterling Integrator:

Report Name	Description
BPDetail_ByBasicStatus	This is a Business Process Detail report organized by basic status of the business process instances. All other available criteria is reported according to the defaults.
BPDetail_ByBPName	This is a Business Process Detail report organized by business process name. All other available criteria is reported according to the defaults.
BPDetail_ByState	This is a Business Process Detail report organized by the state of the business process instance.

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Report By Parameters

Parameter	Description
Business Process Basic Status	The report is sorted by the status of the business process instance.
Business Process Name	The report is sorted by business process name.
Business Process State	The report is sorted by the state of the business process instance.



## Detail Filtering Parameters

Parameter	Description
Operator	<p>The operator filter function enables you to further define search criteria for many report parameters.</p> <hr/> <p><b>Note:</b> The EQUAL TO operator is the only one which allows you to select individual items in the list.</p> <hr/>
Business Process Name	<p>The user-defined name of the business process instance or instances that are included in the report.</p>
Operator	<p>The operator filter function enables you to further define search criteria for many report parameters.</p> <hr/> <p><b>Note:</b> The EQUAL TO operator is the only one which allows you to select individual items in the list.</p> <hr/>
System Business Process	<p>The name of the system business process instance or instances that are included in the report. If you want to exclude all System Business Processes in your report, select NONE from the Operator list.</p>

## Detail Filtering (Status/State) Parameters

Parameter	Description
Status	<p>The status of the business process instance or instances:</p> <ul style="list-style-type: none"> <li>• Success - the business process was successful</li> <li>• Error - there was an error in the business process</li> </ul>
State	<p>The current workflow status of the steps in the business process instance:</p> <ul style="list-style-type: none"> <li>• Completed - the business process instance completed execution</li> <li>• Waiting - the business process instance is suspended because it is waiting for input</li> <li>• Waiting_on_IO - the business process instance is suspended because it is waiting for input or output</li> <li>• Active - the business process instance is executing</li> <li>• Halted - the business process instance is suspended</li> <li>• Halting - the business process instance is in the process of being suspended</li> <li>• Interrupted_Man - the business process instance was interrupted by the business process recovery function or by a runtime error</li> <li>• Interrupted_Auto - the business process instance was interrupted and the status is provided by the business process recovery function</li> <li>• Terminated - the business process instance was stopped</li> </ul>

### Detail Filtering (Start Time) Parameters

The date calculation is made when the report is run. You must select either during previous or a date range.

Parameter	Description
During previous Hours, days, weeks, months	The beginning time period in which the business process instance started.
Or From / To Date	The beginning date and time range in which the business process instance started.

### Detail Filtering (Display Order) Parameters

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Whether the report is sorted by business process basic status or name in ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

# EDI Compliance Report

The EDI Deenvelope business processes (that is, X12Deenvelope, EDIFACTDeenvelope, CIIDeenvelope) perform a compliance check to verify absolute adherence to the supported EDI standards, including ANSI X12, EDIFACT, and CII Syntax Rule formats. The EDI Deenvelope business processes validate each level of a document, including the interchange, group, transaction levels, messages, and message groups, and produce the EDI Compliance report when exceptions occur.

The following table describes the codes in the EDI Compliance report that apply to ANSI X12, EDIFACT, and CII:

Code	Description
<b>Base Error</b>	
0	Improper End Of File
1	Interchange Envelope Not Found
2	Group Envelope Not Found
3	Transaction Set Envelope Not Found
4	Invalid Date Time
<b>Interchange Level Error</b>	
100	Invalid Authorization Information Qualifier
101	Invalid Security Information Qualifier
102	Interchange Not Supported
103	Interchange Header Tag Missing
104	Interchange Trailer Tag Missing

<b>Code</b>	<b>Description</b>
105	Invalid Interchange Sender ID Qualifier
106	Invalid Interchange Receiver ID Qualifier
107	Invalid Interchange Control Version Number
108	Invalid Interchange Control Standards Identifier
109	Invalid Repeating Element Separator
110	Invalid Interchange Control Number
111	Invalid Usage Indicator
112	Invalid Acknowledgment Requested Flag
113	Invalid Number Of Included Functional Groups
114	Mismatched Number Of Included Functional Groups
115	Mismatched Interchange Control Numbers
116	Invalid Element Separator
117	Invalid Sub Element Separator
118	Invalid Segment Terminator
119	Invalid Recipient Password Qualifier
120	Ambiguous Interchange Envelope (not unique)
121	Syntax Version Not Supported
<b>Group Level Error</b>	
200	Group Header Tag Missing
201	Group Trailer Tag Missing
202	Invalid Number Of Included Transaction Sets
203	Invalid Group Control Number
204	Invalid Application Sender ID

<b>Code</b>	<b>Description</b>
205	Invalid Application Receiver ID
206	Invalid Responsible Agency Code
207	Invalid Industry Identifier Code
208	Invalid Functional Identifier Code
209	Mismatched Group Control Numbers
210	Functional Group Not Supported
211	Invalid Sender ID Code Qualifier
212	Invalid Receiver ID Code Qualifier
213	Ambiguous Group Envelope (not unique)

**Transaction Set Level Error**

300	Transaction Set Header Tag Missing
301	Transaction Set Trailer Tag Missing
302	Invalid Number Of Included Segments
303	Mismatched Transaction Set Control Numbers
304	Invalid Transaction Set Control Number
305	Invalid Transaction Set Identifier Code
306	Invalid Implementation Convention Reference
307	Translation Errors Encountered
308	Translation Map Load Error
309	Transaction Set Not Supported
310	Invalid First And Last Transfer Code Value
311	Ambiguous Transaction Envelope (not unique)

**Information**

<b>Code</b>	<b>Description</b>
500	Envelope Info
501	Interchange Version ID
502	Interchange Sender ID
503	Interchange Receiver ID
504	Interchange Header Control Number
505	Interchange Trailer Control Number
506	Interchange Number Of Groups Reported
507	Interchange Number Of Groups Actual
508	Interchange Date Time
509	Group Version Release ID
510	Group Application Sender ID
511	Group Application Receiver ID
512	Group Functional ID Code
513	Group Header Control Number
514	Group Trailer Control Number
515	Group Number Of Transactions Reported
516	Group Number Of Transactions Actual
517	Group Date Time
518	Group Accept Non Compliant
519	Transaction Set Identifier Code
520	Transaction Header Control Number
521	Transaction Trailer Control Number
522	Transaction Number Of Segments Reported

Code	Description
523	Transaction Number Of Segments Actual
524	Translation Successful
525	Transaction Accept Non Compliant
526	Compliance Check Map Name
527	Translation Report
528	TA1 Data
529	Interchange Acknowledgment Code
530	Interchange Note Code
531	Group Compliance Status
532	Group Acknowledgment Detail Level
533	Transaction Compliance Status

The following table describes the codes in the EDI Compliance report that apply to CII:

**Note:** When the CIIDevelope business process encounters an error for either a message group that is noncompliant (600) or a message that is noncompliant (602), the EDI Compliance report displays the code 601. Following the code 601, additional information describes the noncompliant error.

Code	Description
<b>Message Group Information</b>	
540	CIISenderStationedVANCode
541	CIISendingCenterCode
542	CIISenderID
543	CIIReceiverStantionedVANCode
544	CIIReceivingCenterCode
545	CIIReceiverID
546	CIIBPIDOrganization

<b>Code</b>	<b>Description</b>
547	CIIBPIDSubOrganization
548	CIIBPIDEdition
549	CIInformationIDCode
550	CIISyntaxIDVersionNumber
551	CIIOperationMode

**Message Information**

552	CIIMessageSequenceNumber
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**Error Messages**

600	MessageGroupNonCompliant
601	CIComplianceReport
602	MessageNonCompliant



# EDI Outbound Acknowledgment Reports

The EDI Outbound Acknowledgment report enables you to monitor functional acknowledgments at the group or interchange level, organized by parameters including sender identifier, receiver identifier, EDI standard, and acknowledgment status. You may want to use this report to determine, for example, how many functional acknowledgments from a specified sender identifier are overdue.

**Note:** In the report, the sender identifier and receiver identifier parameters are always displayed as a paired set. Even when the configuration process allows you to select only one parameter (sender identifier or receiver identifier), both parameters are displayed on the report.

The following table lists the EDI Outbound Acknowledgment reports that are installed with Sterling Integrator:

Report Name	Description
EDIOutAck_GroupLevel_ByAckStatus	This is an EDI Outbound Acknowledgment report of group level data organized by group acknowledgment status. All other available criteria is reported according to the defaults.
EDIOutAck_GroupLevel_BySenderReceiver	This is an EDI Outbound Acknowledgment report of group level data organized by sender and receiver. All other available criteria is reported according to the defaults.
EDIOutAck_InterchangeLevel_ByAckStatus	This is an EDI Outbound Acknowledgment report of interchange level data organized by interchange acknowledgment status. All other available criteria is reported according to the defaults.
EDIOutAck_InterchangeLevel_BySenderReceiver	This is an EDI Outbound Acknowledgment report of interchange level data organized by sender and receiver. All other available criteria is reported according to the defaults.

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Level Parameters

Parameter	Description
Group	The report contains group-level data.
Interchange	The report contains interchange-level data.

## Report By Parameters

Parameter	Description
Report By Fields (group)	The available parameters are: <ul style="list-style-type: none"><li>• Group Sender ID - Group Receiver ID</li><li>• Group Ack Status (group acknowledgment status)</li></ul>
Report By Fields (interchange)	The available parameters are: <ul style="list-style-type: none"><li>• Interchange Sender ID - Interchange Receiver ID</li><li>• Interchange Ack Status (interchange acknowledgment status)</li></ul>

## Detail Filtering Parameters

The parameters that display depends on whether you select Group or Interchange as the level by which to report:

Parameter	Description
Operator (group)	The operator filter function enables you to further define search criteria for many report parameters. <b>Note:</b> Sterling Integrator displays a text box if you select an operator other than ALL.
Functional ID (group)	The functional identifier for the group. <b>Note:</b> Click Add to add the functional ID or select a functional ID from the list and click Delete to remove it.
Interchange Sender ID (interchange)	The identifier for the sender of the interchange.
Interchange Receiver ID (interchange)	The identifier for the receiver of the interchange.
Group Sender ID (group)	The identifier for the sender of the group.

Parameter	Description
Group Receiver ID (group)	The identifier for the receiver of the group.
Envelope Name (group)	The name of the interchange envelope.
Transaction Count (group)	The number of transactions in the interchange.
Standard (group or interchange)	The EDI standard used to create the interchange: <ul style="list-style-type: none"> <li>• CII</li> <li>• EDIFACT</li> <li>• X12</li> <li>• SWIFT</li> </ul>
Ack Status (group or interchange)	The status of the interchange acknowledgment: <ul style="list-style-type: none"> <li>• None</li> <li>• Waiting</li> <li>• Accepted</li> <li>• Partially Accepted</li> <li>• Accepted with Errors</li> <li>• Manually Accepted</li> <li>• Rejected</li> <li>• Overdue. The date and time of when an item appears overdue on this report is only updated when the EDI overdue acknowledgement service is run.</li> </ul>

### Detail Filtering (Date Group/Interchange Created) Parameters

The date calculation is made when the report is run. You must select either during previous or a date range.

Parameter	Description
During previous Hours, days, weeks, months	The date period in which the outbound acknowledgments were created.
Or From / To Date	The date range in which the outbound acknowledgments were created.

### Detail Filtering (Display Order) Parameters

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Whether the report is sorted by group or interchange in ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

# Map List Reports

The Map List Report enables you obtain a listing of maps categorized by map name or by one of the following map types:

- Draft (if you check in the source map only but not the compiled translation object)
- Draft XML (if you check in the source XML file but not the compiled translation object)
- Translation
- XML encoder

You may want to use this report to determine, for example, how many of the maps enabled with the system are of the XML encoder type.

The Map List report contains all versions of the map types. The totals in the report are inclusive of every version of the map. For example, if you select to report on the total number of maps enabled in your system, and you have two versions of Map A and two version of Map B, the Map List report indicates that you have a total of four enabled maps in your system.

The following table lists the Map List reports that are installed with Sterling Integrator:

Report Name	Description
MapList_ByMapName	This is a Map List report organized by map name. All other available criteria is reported according to the defaults.
MapList_ByMapType	This is a Map List report organized by map type. All other available criteria is reported according to the defaults.

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Report By Parameters

Parameter	Description
Map Type	The report is sorted by map type (draft, draft XML, translation, or XML encoder).

Parameter	Description
Map Name	The report is sorted by the name of the map.

### Detail Filtering Parameters

Parameter	Description
Name	The name of the map or maps that are included in the report.
Map Type	<p>The type of map:</p> <ul style="list-style-type: none"> <li>• Draft - Created when you check in the source map but not the compiled translation object.</li> <li>• Draft XML - Created when you check in the source XML file but not the compiled translation object.</li> <li>• Translation - A compiled map; to use the instructions in a source map, you must compile the map. A compiled map has a different extension, .txo, and is called a translation object. It provides instructions for translating one format to another in a way that can be interpreted by a translator. The translator does the work of converting a file from one format to another.</li> <li>• XML Encoder - The XML encoder object is a compiled map that translates positional, variable-length-delimited, CII, and EDI data formats into XML. It has the extension .ltx. To create an XML encoder object, you select Compile XML Encoder from either the input or output side of an EDI or positional file.</li> </ul>
Map Version	<p>The version of the map. Sterling Integrator enables you to designate different versions of a map by specifying a combination of a Major version and minor version, each ranging from 0 to 255. The version identifier is available for your use only; Sterling Integrator does not use it.</p> <p>For example, if you type 5 for the Map Editor Major version and 45 for the Map Editor Minor version (both values are specified in Map Editor), the map version number is 5.45.</p>
Status	Whether the map is enabled for business processes.
Comments	The comments noted when you check a map in to the Sterling Integrator system.
Description	The unique description of the map as entered in Map Editor. The translator uses this description to identify the map.
Created By	The entity (person or department) who last modified the map.

### Detail Filtering (Create Date) Parameters

The date calculation is made when the report is run. You must select either during previous or a date range.

Parameter	Description
During previous	The time period in which the map was created.

Parameter	Description
Hours, days, weeks, months	
Or From / To Date	The date and time range in which the map was created.

### Detail Filtering (Display Order) Parameters

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Whether the report is sorted by map name or type in ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

# Reports Generated by Fact Models You Create

By using the Report wizard, you can select and customize options for Visibility Services reports created from your fact models. Because these reports are based on fact models, changes to the reports (other than the filtering options available through this option) are done in the Eclipse Report Editor and Format Editor, or by making changes to the fact model itself, using the Fact Model Builder.

## Reports – [ReportName]: Report By

Field	Description
Report By Fields	Select the field that the report should be grouped by. For example, if the fields in your report are Name and PartNumber, select “PartNumber” for a report grouped by part number.

## Reports – [ReportName]: Detail Filtering

Field	Description
Operator	<p>The operator filter function enables you to further define search criteria for many report parameters. Valid values are:</p> <ul style="list-style-type: none"><li>• ALL</li><li>• Equal To</li><li>• Not Equal To</li><li>• Like</li></ul> <p><b>Note:</b> Sterling Integrator displays a text box if you select an operator other than ALL. Do not use special characters that are not allowed for the parameter you are filtering by.</p>
Field Name	Type the name of a field

## Reports – [ReportName]: Detail Filtering Date/Time

The date calculation is made when the report is run. You must select either during previous or a date range.



Field	Description
During previous Hours, days, weeks, months	The time period when the report was last modified.
Or From / To Date	The date and time range in which the report was last modified.

### Reports – [*ReportName*]: Display Order

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Field	Description
Sort Order (for display)	Whether the report is sorted in ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

# System Logs Detail Report

The following table lists the System Logs Detail report configurations that are installed with Sterling Integrator.

Reports	Description
systemDetail_LOGS	Provides detailed information about system logs

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Report By Parameters

Parameter	Description
Resource Type	None

## Detail Filtering (Operator) Parameters

Parameter	Description
Operator	<p>The operator filter function enables you to further define search criteria for many report parameters. Valid values are:</p> <ul style="list-style-type: none"><li>• ALL</li><li>• Equal To</li><li>• Not Equal To</li><li>• Like</li></ul> <hr/> <p><b>Note:</b> Sterling Integrator displays a text box if you select an operator other than ALL. Do not use special characters that are not allowed for the parameter you are filtering by.</p>
LOGS.EXLEVEL	The exception level of the log entry
LOGS.NAME	Name of the log this entry comes from

Parameter	Description
LOGS.MESSAGE	The message from the log entry
LOGS.THROWABLE	The throwable object (in string) when the exception happens

### Detail Filtering (Display Order) Parameters

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Select the sort order, either ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

A report configuration that has a filter value (for a parameter allowing text entry) longer than 40 characters, generates an exception and the report configuration is not saved.

# Traffic Report

The Traffic Report enables you to report on the transfer of documents into and out of Sterling Integrator using the AFT visibility-enhanced protocols (FTP, Connect:Direct, HTTP, WebDAV, SSH/SFTP, Swift, AS2, and the Mailbox Browser Interface).

The following table lists the Traffic reports that are installed with Sterling Integrator:

Report Name	Description
TrafficByAdapter	This is a Traffic report organized by adapter. All other available criteria is reported according to the defaults.
TrafficByEndPoint1	This is a Traffic report organized by end point. All other available criteria is reported according to the defaults.
TrafficByProtocol	This is a Traffic report organized by protocol. All other available criteria is reported according to the defaults.

**Note:** The separate AFT license is not required for the Traffic reports. They are included with Sterling Integrator.

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Report By Parameters

Parameter	Description
Adapter	Name of the specific adapter used for the session within which the file transfer occurred.
Remote EndPoint	Name of the remote server location involved in the file transfer. Valid values are: <ul style="list-style-type: none"><li>• IP address</li><li>• Connect:Direct netmap entry</li></ul>

Parameter	Description
Protocol	The protocol for the communication session within which this file transfer occurred. Valid values are: <ul style="list-style-type: none"> <li>• FTP</li> <li>• Connect:Direct</li> <li>• SFTP</li> <li>• HTTP</li> <li>• MBI</li> <li>• WebDAV</li> </ul>

### Detail Filtering Parameters

Parameter	Description
Bytes Transferred	The size of the file transferred, in bytes. Valid values are: <ul style="list-style-type: none"> <li>• ALL</li> <li>• Equal To</li> <li>• Not Equal To</li> <li>• Greater Than</li> <li>• Less Than</li> </ul> <hr/> <p><b>Note:</b> Sterling Integrator displays a text box if you select an option other than ALL.</p> <hr/>

### Detail Filtering (Secure/Status) Parameters

Parameter	Description
Secure	Whether the file transfers were secure. Valid values are: <ul style="list-style-type: none"> <li>• Secured</li> <li>• Unsecured</li> </ul>
Status	Whether the file transfer was successful. Valid values are: <ul style="list-style-type: none"> <li>• Success</li> <li>• Error</li> </ul>

### Detail Filtering (Operator) Parameters

Parameter	Description
Operator	The operator filter function enables you to further define search criteria for many report parameters. Valid values are: <ul style="list-style-type: none"> <li>• ALL</li> </ul>

Parameter	Description
	<ul style="list-style-type: none"> <li>• Equal To</li> <li>• Not Equal To</li> <li>• Like</li> </ul> <hr/> <p><b>Note:</b> Sterling Integrator displays a text box if you select an operator other than ALL. Do not use special characters that are not allowed for the parameter you are filtering by.</p> <hr/>
Remote EndPoint	<p>Name of the remote server location involved in the file transfer. Valid values are:</p> <ul style="list-style-type: none"> <li>• IP address</li> <li>• Connect:Direct netmap entry</li> </ul>
Local EndPoint	<p>The name of the local server location involved in the authentication event. Valid values include:</p> <ul style="list-style-type: none"> <li>• IP address as hosted by the Perimeter Server supporting the connection for the adapter</li> <li>• Connect:Direct netmap entry</li> </ul>
File Name	Name of the transferred file
Principal	The userid authenticated as a valid Sterling Integrator user.
Session-Id	Unique ID for a particular communication session. The format varies by protocol.
Adapter	Name of the specific adapter being used for the session within which the authentication event occurred.
Protocol	<p>The protocol for the communication session within which this file transfer occurred. Valid values are:</p> <ul style="list-style-type: none"> <li>• FTP</li> <li>• Connect:Direct</li> <li>• SFTP</li> <li>• HTTP</li> <li>• MBI</li> <li>• WebDAV</li> </ul>

### Detail Filtering (Time/Date) Parameters

The date calculation is made when the report is run. You must select either during previous or a date range.

Parameter	Description
During previous Hours, days, weeks, months	The time period when the Traffic report was last modified.

Parameter	Description
Or From / To Date	The date and time range in which the Traffic report was last modified.

### Detail Filtering (Display Order) Parameters

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Whether the report is sorted by business process name or status in ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

A report configuration that has a filter value (for a parameter allowing text entry) longer than 40 characters, generates an exception and the report configuration is not saved.

# Traffic Summary Report

The Traffic Summary Report enables you to obtain a quick summary of the amount of data transferred to various endpoints across various protocols into and out of Sterling Integrator. The Traffic Summary Report is available only in Acrobat PDF format.

The following table lists the Traffic Summary reports that are installed with Sterling Integrator:

Report Name	Description
TrafficSummaryByAdapter	This is a Traffic Summary report organized by adapter. All other available criteria is reported according to the defaults.
TrafficSummaryByEndPoint1	This is a Traffic Summary report organized by end point. All other available criteria is reported according to the defaults.
TrafficSummaryByProtocol	This is a Traffic Summary report organized by protocol. All other available criteria is reported according to the defaults.

**Note:** The separate AFT license is not required for the Traffic Summary reports. They are included with Sterling Integrator.

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Report By Parameters

Parameter	Description
Adapter	Name of the specific adapter used for the session within which the file transfer occurred.
Remote EndPoint	Name of the remote server location involved in the file transfer. Valid values are: <ul style="list-style-type: none"><li>• IP address</li><li>• Connect:Direct netmap entry</li></ul>



Parameter	Description
Protocol	The protocol for the communication session within which this file transfer occurred. Valid values are: <ul style="list-style-type: none"> <li>• FTP</li> <li>• Connect:Direct</li> <li>• SFTP</li> <li>• HTTP</li> <li>• MBI</li> <li>• WebDAV</li> </ul>

### Detail Filtering Parameters

Parameter	Description
Bytes Transferred	The size of the file transferred, in bytes. Valid values are: <ul style="list-style-type: none"> <li>• ALL</li> <li>• Equal To</li> <li>• Not Equal To</li> <li>• Greater Than</li> <li>• Less Than</li> </ul> <p><b>Note:</b> Sterling Integrator displays a text box if you select an option other than ALL.</p>

### Detail Filtering (Secure/Status) Parameters

Parameter	Description
Secure	Whether the file transfers were secure. Valid values are: <ul style="list-style-type: none"> <li>• Secured</li> <li>• Unsecured</li> </ul>
Status	Whether the file transfer was successful. Valid values are: <ul style="list-style-type: none"> <li>• Success</li> <li>• Error</li> </ul>

### Detail Filtering (Operator) Parameters

Parameter	Description
Operator	The operator filter function enables you to further define search criteria for many report parameters. Valid values are: <ul style="list-style-type: none"> <li>• ALL</li> <li>• Equal To</li> </ul>

Parameter	Description
	<ul style="list-style-type: none"> <li>• Not Equal To</li> <li>• Like</li> </ul> <hr/> <p><b>Note:</b> Sterling Integrator displays a text box if you select an operator other than ALL. Do not use special characters that are not allowed for the parameter you are filtering by.</p>
Remote EndPoint	Name of the remote server location involved in the file transfer. Valid values are: <ul style="list-style-type: none"> <li>• IP address</li> <li>• Connect:Direct netmap entry</li> </ul>
Local EndPoint	The name of the local server location involved in the authentication event. Valid values include: <ul style="list-style-type: none"> <li>• IP address as hosted by the Perimeter Server supporting the connection for the adapter</li> <li>• Connect:Direct netmap entry</li> </ul>
File Name	Name of the transferred file
Principal	The userid authenticated as a valid Sterling Integrator user
Session-Id	Unique ID for a particular communication session. The format varies by protocol.
Adapter	Name of the specific adapter being used for the session within which the authentication event occurred
Protocol	The protocol for the communication session within which this file transfer occurred. Valid values are: <ul style="list-style-type: none"> <li>• FTP</li> <li>• Connect:Direct</li> <li>• SFTP</li> <li>• HTTP</li> <li>• MBI</li> <li>• WebDAV</li> </ul>

### Detail Filtering (Time/Date) Parameters

The date calculation is made when the report is run. You must select either during previous or a date range.

Parameter	Description
During previous Hours, days, weeks, months	The time period when the Traffic Summary report was last modified
Or From / To Date	The date and time range in which the Traffic Summary report was last modified

# Translation Service Report

The Translation Service Report enables you to sort and report details of translations performed by the Translation Service that occur outside of EDI processing in Sterling Integrator. You may want to use this report to ascertain, for example, how many translations failed or how many large documents were translated.

The Translation Service Report includes a parameter for document size (Doc Size), which indicates the document size in bytes.

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**Note:** To use the Translation Service Report, you must have document tracking enabled in your business process.

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The following table lists the Translation Service report that is installed with Sterling Integrator:

Report Name	Description
TranslationService	This is a Translation Service report with all available criteria reported according to the defaults.

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Detail Filtering Parameters

Parameter	Description
Name	The name of the map or maps that are included in the report. In the Map Editor, you specify mapping instructions for translation in a source map (a file with the extension .xml or .map).
Translation Status	The status of the translation (success and/or failure).
Document Size	The size of the document being translated (in bytes).

## Detail Filtering (Translation Date/Time) Parameters

The date calculation is made when the report is run. You must select either during previous or a date range.

Parameter	Description
During previous Hours, days, weeks, months	The time period in which the translation occurred.
Or From / To Date	The date and time range in which the translation occurred.

### Detail Filtering (Display Order)

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Whether the report is sorted in ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

# Translation Status Report

The Translation service produces a Translation Status report. The report contains information about the translation of the document and any compliance errors. Errors from the input side of the map are listed under the Input tab. Errors from the output side of the map are listed under the Output tab.

Compliance errors can also be specified with the extended rule error.

The following table lists compliance error codes (general, SQL, EDI, and XML messages) used in the Translation Status report:

Message Number	Message Type	Message Generated
<b>General Messages</b>		
12	Information	StartTime
13	Information	EndTime
14	Information	BlocksRead
15	Information	BlocksWritten
19	Information	ExecutionTimeMillis
20	Information	TranslationObjectName
21	Information	TranslationIsLightweight
25	Warning	BlockDataUnknown
26	Error	StopReportingMaxEntriesReached
100	Error	MandatoryDataMissing
101	Error	InsufficientRepeats
102	Error	TooManyRepeats

Message Number	Message Type	Message Generated
110	Error	IncorrectDataFormat
111	Error	DataNotMinLength
112	Error	DataExceedsMaxLength
113	Error	InvalidDate
120	Error	TooManyComponents
121	Error	TooManyCompositeElements
122	Error	UnsupportedDataType
123	Error	DataConversionError
130	Error	ConditionalRelationshipError
140	Error	StandardRuleFailure
141	Error	StandardRuleSelectDataMissing
142	Error	StandardRuleUseCodeDataMissing
143	Error	StandardRuleDataConversionError
144	Error	StandardRuleDuplicateTransactionRegisterError
150	Error	BinaryDocumentNotFound
160	Error	Unwritten Transaction Register
170	Error	ExtendedRuleFailure
171	Error	ExtendedRuleDataConversionError
180	Error	HIPAA Validation Error
300	Error	MandatoryBlockMissing
301	Error	MandatoryGroupMissing
316	Error	MaxUsageExceeded
400	Error	BlockProcessorInitializationFailure

Message Number	Message Type	Message Generated
401	Error	FieldProcessorInitializationFailure
560	Error	TranslationSuccessfulWithWarnings
700	Error	ACH Record Name
701	Error	CTXDataDiscrepancy
702	Error	ACHFieldName
703	Error	ACHValueInCTX
704	Error	ACHExpectedValueInCTX
705	Error	ACHValueIn820
706	Error	ACHHeaderInvalid
707	Error	ACHTrailerInvalid
708	Error	ACHInvalid820
709	Error	ACHValueExpectedIn820
710	Error	ACHInvalidNumericValue
711	Error	ACHSequenceNumberMismatch
712	Error	ACHCTXAddendaSequenceNumber
713	Error	ACHCTXOutOfSequenceAddenda
714	Error	ACH Field value is invalid
715	Error	ACH Field Error Details
716	Error	ACH Header/Trailer Mismatch
717	Error	Value in ACH Header
718	Error	Value in ACH Trailer
10001	Information	BlockSignature
10002	Information	BlockCount

Message Number	Message Type	Message Generated
10003	Information	BlockName
10004	Information	FieldName
10005	Information	FieldData
10006	Information	Exception
10007	Information	GroupName
10008	Information	FieldId
10009	Information	FieldNumber
10010	Information	Instance
10011	Information	RuleType
10012	Information	OnBeginRule
10013	Information	OnEndRule
10014	Information	RepeatCount
10015	Information	BlockData
10016	Information	BlockSignatureIDTag
10017	Information	MapIterationCount
10018	Information	AdditionalInformation

#### SQL Messages

700	Error	SQLDataSourceOpenError
701	Error	SQLDataSourceRollback
702	Error	SQLDataSourceCommitError
703	Error	SQLDataSourceRollbackError
710	Error	SQLQueryOpenError
711	Error	SQLCommandError



Message Number	Message Type	Message Generated
712	Error	SQLCursorError
713	Error	SQLGetFieldError
721	Error	SQLOutputOperationError
722	Error	SQLPreparedStatementError
724	Information	SQLUpdateEffected0Rows
725	Information	SQLRetryingAsInsert
726	Information	SQLRetryingAsUpdate
727	Information	SQLUpdateNoKey
728	Information	SQLDeleteNoKe
10700	Information	DataSourceName
10701	Information	DataSourcePool
10702	Information	QueryName
10703	Information	SQLStatement
10704	Information	CursorOperation
10705	Information	ColumnId
<b>EDI Messages</b>		
103	Information	IllegalRepeatingDelimiter
104	Information	IllegalSubElementDelimiter
105	Information	ElementPosition
106	Information	SubElementPosition
<b>XML Messages</b>		
610	Error	XMLParticleORGroupError
690	Error	XMLParserError

Message Number	Message Type	Message Generated
691	Error	XMLElementUnknown
692	Error	XMLPcDataUnknown
693	Error	XMLAttributeUnknown
10060	Information	PublicId
10061	Information	SystemId
10062	Information	LineNumber
10063	Information	ColumnNumber
10064	Information	Message
10065	Information	XMLTagName
10066	Information	XMLNamespaceURI

# WFactModelDetail\_CnxtCachWarn Report

The following table lists the WFactModelDetail\_CnxtCachWarn report configuration that is installed with Sterling Integrator.

Reports	Description
WFactModelDetail_CnxtCachWarn	Provides detailed information about the Workflow events, this info is obtained when workflow definition set event level to any level and disk space is going to reach limit

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Report By Parameters

Parameter	Description
Report By Fields	None

## Detail Filtering Parameters

Parameter	Description
Operator	<p>The operator filter function enables you to further define search criteria for many report parameters. Valid values are:</p> <ul style="list-style-type: none"><li>• ALL</li><li>• Equal To</li><li>• Not Equal To</li><li>• Like</li></ul> <hr/> <p><b>Note:</b> Sterling Integrator displays a text box if you select an operator other than ALL. Do not use special characters that are not allowed for the parameter you are filtering by.</p>
CnxtCachWarn.BP_EVENT_TIME	Time when the event fired

Parameter	Description
CnxtCachWarn.EVENT_INFO	Information about the fired event

### Detail Filtering (Display Order) Parameters

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Select the sort order, either ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

A report configuration that has a filter value (for a parameter allowing text entry) longer than 40 characters, generates an exception and the report configuration is not saved.

# WorkFlow Fact Model Detail Reports

The following table lists the Workflow Fact Model Detail reports that are installed with Sterling Integrator. Each provides detailed information about specific workflow events.

Report Name	Condition that causes event
WFFactModelDetail_BPAAdvRes_MIN	The business process is restarted with data from another business process. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPAAdvWait	The service has "In Waiting" advanced status. Workflow definition event reporting level is full.
WFFactModelDetail_BPComp_MIN	The business process completes. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPCont	The business process is continued with no error. Workflow definition event reporting level is full.
WFFactModelDetail_BPContErr	Continue business process with state In Waiting or Waiting_on_IO catches error. Workflow definition event reporting level is full.
WFFactModelDetail_BPDeAdvRes_MIN	The business process is restarted because the workflow definition is enabled after being disabled. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPDeadline_At	The business process deadline is closed. Workflow definition event reporting level is any.
WFFactModelDetail_BPDeadline_Crk	The business process deadline is reached and the business process is in the queue. Workflow definition event reporting level is any.
WFFactModelDetail_BPDeadline_Ms	The business process deadline is missed. Workflow definition event reporting level is any.
WFFactModelDetail_BPErrComplete	The business process completed with errors. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPErrStart	The business process starts in error. Workflow definition event reporting level is any.
WFFactModelDetail_BPError	A service takes error. Workflow definition event reporting level is minimal.

Report Name	Condition that causes event
WFFactModelDetail_BPException	The engine catches an exception. Workflow definition event reporting level is any.
WFFactModelDetail_BPFTerm	The business process is forced to terminate. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPINT_MIN	The business process is in an Interrupted state. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPReIDBErr	A service catches an SQL exception when releasing a database resource. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPRes_MIN	The business process is restarted with the same data from the same workflow definition. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPRResumeErr	The business process Resume From Error catches error. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPRResumed_MIN	The business process resumed from error. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPStarted_MIN	The business process is started. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPSubStErr	A subprocess is started with an error. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPSubSt_MIN	A subprocess is started with no error. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPTerm_MIN	The business process is terminated. Workflow definition event reporting level is minimal.
WFFactModelDetail_BPThrowable	The engine catches a throwable error. Workflow definition event reporting level is any.
WFFactModelDetail_BPWait	A service has basic status In Waiting. Workflow definition event reporting level is full.
WFFactModelDetail_CrxCachWarn	Disk space is going to reach limit. Workflow definition event reporting level is any.
WFFactModelDetail_DeExpCon_MIN	Consume business process is deleted because the message has expired. Workflow definition event reporting level is minimal.
WFFactModelDetail_RemEventErr	The event that has an error is removed. Workflow definition event reporting level is minimal.
WFFactModelDetail_RemEvent_MIN	The event is removed. Workflow definition event reporting level is minimal.
WFFactModelDetail_ServEnded	A service completes. Workflow definition event reporting level is full.
WFFactModelDetail_ServError	A service takes error. Workflow definition event reporting level is minimal.
WFFactModelDetail_ServStarted	A service starts. Workflow definition event reporting level is full.

## To Run or Customize These Reports

Use **Operations > Reports** to run or customize these reports.

### Report By Parameters

Parameter	Description
Report By Fields	None

### Detail Filtering (Operator) Parameters

Parameter	Description
Operator	<p>The operator filter function enables you to further define search criteria for many report parameters. Valid values are:</p> <ul style="list-style-type: none"><li>• ALL</li><li>• Equal To</li><li>• Not Equal To</li><li>• Like</li></ul> <hr/> <p><b>Note:</b> Sterling Integrator displays a text box if you select an operator other than ALL. Do not use special characters that are not allowed for the parameter you are filtering by.</p>
BPAAdvRes_MIN.BP_EVENT_TIME	Time when event fired
BPAAdvRes_MIN.BP_INST_ID	Workflow ID
BPAAdvRes_MIN.BP_SERV_NAME	Service name when event fired
BPAAdvRes_MIN.BP_WFC_ID	Workflow context ID when event fired
BPAAdvRes_MIN.BP_USER_ID	User ID of the user who started this workflow
BPAAdvRes_MIN.BP_WFD_NAME	Workflow definition name
BPAAdvRes_MIN.BP_BRANCH_ID	Branch ID when event fired
BPAAdvRes_MIN.BP_STEP_NUM	Workflow step ID when event fired

### Detail Filtering (Display Order) Parameters

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Select the sort order, either ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.

A report configuration that has a filter value (for a parameter allowing text entry) longer than 40 characters, generates an exception and the report configuration is not saved.



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