EDI Translation Detail Reports

The EDI Translation Detail report enables you to access EDI data (transaction, group, or interchange) for a specified time period. It further allows you to organize the report by selecting criteria such as direction of the transmission, sender and receiver identifier, envelope name, unique identifier for the envelope level, EDI standard used, and translation success or failure, among other parameters. This report allows you to quickly and easily access information about EDI translation in the Application system.

EDI translation detail reports reflect the number of EDI groups and transactions that were actually processed by the system. If an interchange is non-compliant, its groups are not processed and therefore you cannot view a group count. If a group is non-compliant, its transactions are not processed and therefore you cannot view a transaction count for that group. For example, if you have an interchange that has two groups—each group containing one transaction set—and one of the groups is non-compliant, the EDI translation detail report indicates that the group count for the interchange is **2**, and the transaction count is **1**.

The EDI Translation Detail Report includes a parameter for document size (Doc Size). To improve performance, Application avoids persisting intermediate documents to the database wherever possible. For example, when transactions are batched, a document is only persisted for the batch rather than for each individual transaction. Similarly, if transactions are being translated, only the translated version of the document is persisted to the database. This behavior greatly improves Application throughput.

Therefore, depending on the level of the report (interchange, group, or transaction) and the direction of the translation (inbound or outbound), the Doc Size parameter is defined differently:

- When you filter by interchange, the Doc Size parameter contains the actual size of the EDI interchange, regardless of direction (inbound or outbound).
- When you filter by outbound groups, the Doc Size parameter contains the actual size of the EDI interchange.
- When you filter by inbound groups, the Doc Size parameter contains the actual size of the EDI group, including the group level envelope segments.
- When you filter by inbound transactions, the Doc Size parameter contains the post-translation size. If the transaction sets are "batched," there is one report entry to summarize and total post-translation size is reported. If the transaction sets are not batched, each transaction has its own report entry, and individual post-translation sizes are reported.
- When you filter by outbound transactions, the Doc Size parameter contains the actual size of the entire EDI Interchange. Outbound transactions are always presented as "batched," with one report entry to summarize multiple transaction sets.
- If the EDI data is formatted as non-streamed, the doc size includes record separators.

The following table lists the EDI Translation Detail reports that are installed with Application:

Report Name	Description
EDITransDetail_GroupLevel_ByEnvelope	This is an EDI Translation Detail report of group level data organized by envelope name. All other available criteria is reported according to the defaults.

Report Name	Description
EDITransDetail_GroupLevel_BySenderReceiver	This is an EDI Translation Detail report of group level data organized by sender and receiver. All other available criteria is reported according to the defaults.
EDITransDetail_InterchangeLevel_ByEnvelope	This is an EDI Translation Detail report of interchange level data organized by envelope name. All other available criteria is reported according to the defaults.
EDITransDetail_InterchangeLevel_BySenderReceiver	This is an EDI Translation Detail report of interchange level data organized by sender and receiver. All other available criteria is reported according to the defaults.
EDITransDetail_TransacLevel_ByEnvelope	This is an EDI Translation Detail report of transaction level data organized by envelope name. All other available criteria is reported according to the defaults.
EDITransDetail_TransacLevel_BySenderReceiver	This is an EDI Translation Detail report of transaction level data organized by sender and receiver. All other available criteria is reported according to the defaults.

The EDI Translation Detail report contains a maximum number of rows (10,000 by default). As a result, if you generate a report containing a volume of information that exceeds the limit, the Report engine generates an informational message at the top of the report noting that the report may be incomplete because the number of result matches exceeds the maximum row count for the report. If you receive this message you can either narrow your report configuration search criteria and re-run the report, or you can increase the **maxDetailRowCount** value to a number greater than 10,000.This value is located in the *install_dir*/**properties/report.properties.in** file.

Note: After making a properties file setting change, you must restart the system for the change to take effect. This change should only be made by the system administrator.

To Run or Customize This Report

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

EDI Translation Detail Report Parameters

Level

Parameter	Description
Transaction	The report contains information on transactions.
Group	The report contains information on groups.
Interchange	The report contains information on interchanges.

Report By

Parameter	Description
Report By Fields (transaction)	The available parameters are: ◆ Sender ID - Receiver ID ◆ Transaction Envelope
Report By Fields (group)	The available parameters are: ◆ Group Sender ID - Group Receiver ID ◆ Group Envelope
Report By Fields (interchange)	The available parameters are: ◆ Interchange Sender ID - Interchange Receiver ID ◆ Interchange Envelope

Detail Filtering

The parameters which are displayed depend on whether you select Transaction, Group, or Interchange as the level by which to report, and the parameters may be displayed in a different order from how they are listed in this table.

Parameter	Description
Direction	The translation direction: Inbound and/or Outbound.
Interchange Sender ID	The identifier for the sender of the interchange.
Interchange Receiver ID	The identifier for the receiver of the interchange.
Group Sender ID	The identifier for the sender of the group.
Group Receiver ID	The identifier for the receiver of the group.
Sender ID	The identifier for the sender of the transaction.
Receiver ID	The identifier for the receiver of the transaction.
Envelope Name	The name of the interchange envelope.
Interchange Control Number	The unique control number which identifies the interchange.
Operator	The operator filter function enables you to further define search criteria for many report parameters. **Note:** Application displays a text box if you select an operator other than ALL.
Functional ID	The functional identifier for the group. **Note:** Click **Add** to add the functional ID or select a functional ID from the list and click **Delete** to remove it.
Transaction ID	The identifier for the transaction.

Parameter	Description
Standard	The EDI standard used to create the interchange: ◆ CII ◆ EDIFACT ◆ X12 ◆ TRADACOMS ◆ VDA ◆ SWIFT ◆ RND ◆ ACH ◆ CHIPS ◆ FEDWIRE
Translation Status	The status of the translation: success and/or failure.
Group Count	The number of groups in the interchange.
Transaction Count	The number of transactions in the group.

Detail Filtering (Date)

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 transactions, groups, or interchanges were created.
Or From / To Date	The date range in which the transactions, groups, or interchanges were created.

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 by transaction, 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.