

Solix EDMS Data Validation Standard Edition (SE) 2.2

Quick Reference



Copyrights

Copyright © 2003-2014 Solix Technologies, Inc.

All rights reserved. This product or document is protected by copyright and distributed under licenses restricting its use, copying, distribution and recompilation. No part of this product or document may be reproduced in any form by any means without prior written authorization of Solix Technologies, Inc. and its licensors, if any.

Trademarks

Solix Enterprise Data Management Suite (EDMS) is trademark or registered trademark of Solix Technologies Inc. and may be protected as trademarks in other countries. All other product, service, or company names mentioned herein are claimed as trademarks and trade names by their respective companies including Oracle used in this guide are the registered trademarks of the respective companies with which they are associated.

Java and all Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

This document contains proprietary information of Solix Technologies, Inc. No part of this document may be reproduced, stored, copied, or transmitted in any form without the consent of Solix Technologies, Inc.

Table of Content

1	Data Validation	1
1.1	Purpose of Solix EDMS Data Validation Standard Edition (SE).....	1
1.2	Startup Solix EDMS Standard Edition (SE) Application	2
2	Data Validation process using Wizard	3
2.1	Setup Database Connection.....	5
2.2	Setup Data Validation Source & Target Details.....	8
2.3	Setup Source & Target Column Matching	10
2.4	Setup Source & Target Column Comparison.....	11
2.5	Setup Data Validation Method & Run.....	12
3	Rerun the Data Validation	18
4	Edit the existing Data Validation	20
4.1	Edit Data Validation details.....	21
4.2	Edit Column Comparison Criteria details.....	1
5	Change Password	2
6	About Solix Technologies	4

1 Data Validation

Data warehouses are usually built on multi-tier architectures with multiple data extraction and insertion jobs between two data bases. The nature of data changes when they pass from one tier to another. Data Validation is a process of comparing records across different databases to ensure that the data is consistent

1.1 Purpose of Solix EDMS Data Validation Standard Edition (SE)

While extracting data from one database and loading it to another, the nature of data can change considerably. Also, some data may be lost during this transition. In such cases, the validation process helps to identify the loss or changes.

The major reason for data loss can be failures or errors that occur during loading the data. Errors can occur due to several reasons such as,

- Inconsistent data in the source
- Non-integrating data among different sources
- Unclean/ non-profiled data
- Technical failures like loss of connectivity, loss over network, space issue etc.

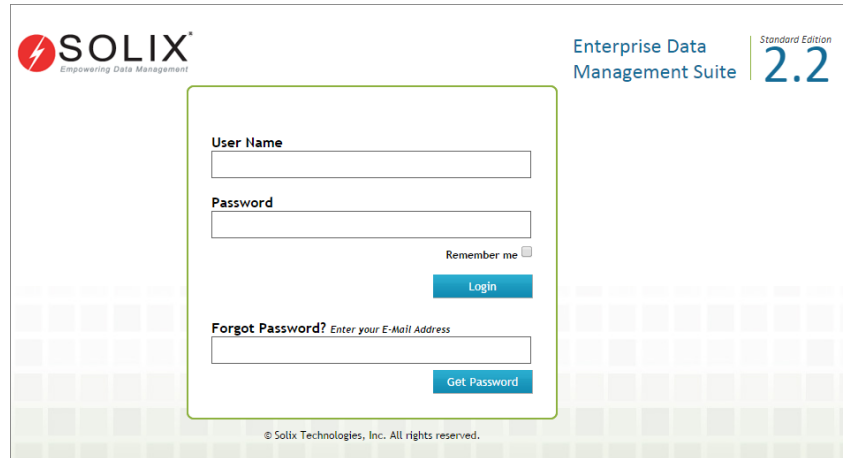
Any failure that occurs due to such issues can result in potential data loss and lead to unreliable data quality.



- Current version of Solix EDMS Data Validation Standard Edition (SE) supports Oracle Database (9i, 10g, and 11g), SQL Server (2005 and 2008) and Sybase ASE (15.5).
- Solix EDMS Data Validation Standard Edition (SE) does not support special data types such as 'BLOB', 'CLOB', 'LONG', 'LONG RAW', 'RAW', 'BFILE', 'XML', 'IMAGE', 'BINARY', 'VARBINARY', 'BIT', 'BINARY_FLOAT', 'BINARY_DOUBLE', 'NCLOB', 'TEXT', 'NTEXT', 'UNITEXT' etc.

1.2 Startup Solix EDMS Standard Edition (SE) Application

Once the Solix EDMS Standard Edition (SE) software is installed successfully, henceforth, access the application to perform data validation process. To access Solix EDMS Standard Edition (SE), enter the respective URL = <http://<ip address>:9090/edms/> in the address bar. The **Login** screen for initiating the authentication process will be displayed as shown in the figure below.



The login screen features the Solix logo (a red lightning bolt) and the tagline "Empowering Data Management". The top right corner displays "Enterprise Data Management Suite" and "Standard Edition 2.2". The main form area contains:

- User Name**: A text input field.
- Password**: A password input field.
- Remember me**: A checkbox.
- Login**: A blue button.
- Forgot Password? Enter your E-Mail Address**: A text input field.
- Get Password**: A blue button.

At the bottom, it states "© Solix Technologies, Inc. All rights reserved."

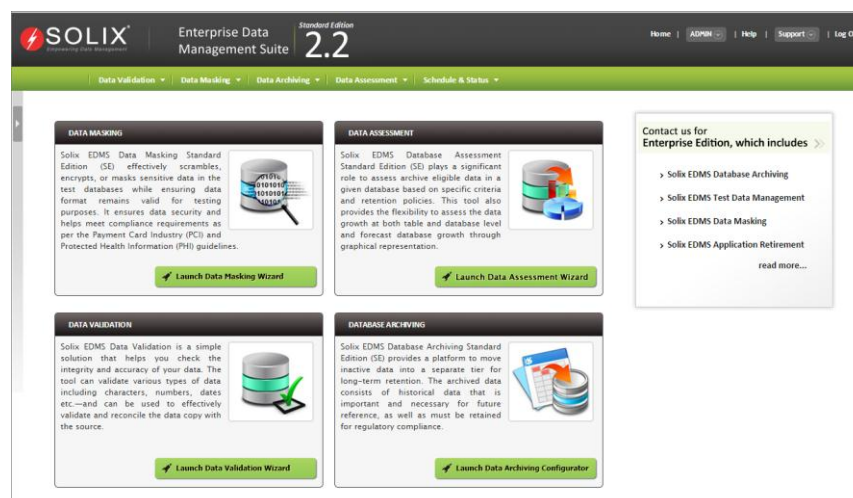
To login to the application, enter the authenticated user name and password provided by the Solix Delivery team.

For example,

User Name: **ADMIN**

Password: **ADMIN**

1. Click **Login** to access **Solix EDMS Standard Edition (SE)**
2. On successful login, the **Solix EDMS Standard Edition (SE)** home screen appears as shown in the figure below.



The home screen displays the Solix logo and "Enterprise Data Management Suite Standard Edition 2.2". The top navigation bar includes "Home", "ADMIN", "Help", "Support", and "Log Out". Below the navigation bar are several menu items: "Data Validation", "Data Masking", "Data Archiving", "Data Assessment", and "Schedule & Status".

The main content area is divided into four sections, each with a description and a "Launch" button:

- DATA MASKING**: Solix EDMS Data Masking Standard Edition (SE) effectively scrambles, encrypts, or masks sensitive data in the test databases while ensuring data format remains valid for testing purposes. It ensures data security and helps meet compliance requirements as per the Payment Card Industry (PCI) and Protected Health Information (PHI) guidelines. **Launch Data Masking Wizard**
- DATA ASSESSMENT**: Solix EDMS Database Assessment Standard Edition (SE) plays a significant role to assess archive-eligible data in a given database based on specific criteria and retention policies. This tool also provides the flexibility to assess the data growth at both table and database level and forecast database growth through graphical representation. **Launch Data Assessment Wizard**
- DATA VALIDATION**: Solix EDMS Data Validation is a simple solution that helps you check the integrity and accuracy of your data. The tool can validate various types of data including characters, numbers, dates etc.—and can be used to effectively validate and reconcile the data copy with the source. **Launch Data Validation Wizard**
- DATABASE ARCHIVING**: Solix EDMS Database Archiving Standard Edition (SE) provides a platform to move inactive data into a separate tier for long-term retention. The archived data consists of historical data that is important and necessary for future reference, as well as must be retained for regulatory compliance. **Launch Data Archiving Configurator**

On the right side, there is a "Contact us for Enterprise Edition, which includes" section with links to:

- Solix EDMS Database Archiving
- Solix EDMS Test Data Management
- Solix EDMS Data Masking
- Solix EDMS Application Retirement

A "read more..." link is also present.



- Username and password are case sensitive.

2 Data Validation process using Wizard

Solix EDMS Data Validation Standard Edition (SE) Wizard has been thoughtfully designed to provide an intuitive user friendly environment. The user is led through a step-by-step process to perform all the activities required to complete the data validation process efficiently.

This section outlines the activities involved in the Data Validation process -setup a connection, setup source and target databases for data validation, setup column matching to join both the source and target databases, setup validation mapping criteria to validate the data in both the databases, and setup an appropriate execution method to run the data validation process effectively.

The screenshot shows the Solix EDMS Enterprise Data Management Suite 2.2 Standard Edition home page. The navigation menu includes Data Validation, Data Masking, Data Assessment, and Schedule & Status. The main content area is divided into four sections: Data Masking, Data Assessment, Data Validation, and Database Archiving. Each section contains a brief description, an icon, and a 'Launch' button. The Data Validation section is highlighted with a red border, and a mouse cursor is pointing at its 'Launch Data Validation Wizard' button. To the right, there is a 'Contact us for Enterprise Edition, which includes' section with a list of features: Solix EDMS Database Archiving, Solix EDMS Test Data Management, Solix EDMS Data Masking, and Solix EDMS Application Retirement.

To initiate the data validation process,

- In Solix EDMS Standard Edition (SE) home page, click **Launch Data Masking Wizard** button adjacent to the Data Validation. By default, the **Data Validation Wizard** initial screen will be displayed which depicts the summary of all the steps necessary to accomplish the data validation process successfully.

Database Validation > Data Validation Wizard

Data Validation Wizard enables the user to run the data validation process with ease of following steps.

- STEP 1** **SETUP DATABASE CONNECTION:**
Create or Edit a database connection which will be used as source or target database while data validation process.
- STEP 2** **SETUP VALIDATION SOURCE AND TARGET DETAILS**
Setup source and target details like source and target databases, schemas and tables or Custom SQL statements which are required for data validation.
- STEP 3** **SETUP SOURCE AND TARGET COLUMN MATCHING**
Setup source and target columns which will be used to join both source and target data. And these columns will be applied on primary key or unique index columns.
- STEP 4** **SETUP SOURCE AND TARGET COLUMN COMPARISON**
Setup source and target columns comparison and these columns enables to validate data between source and target databases.
- STEP 5** **SETUP DATA VALIDATION METHOD AND RUN**
Setup data validation method like matched/mismatched and data existence options like "Data Exist only in Source", "Data Exist only in Target" and "Data Exist in Source and Target" and also notification details to send validation results report through email. Finally, Save and Run the data validation process.

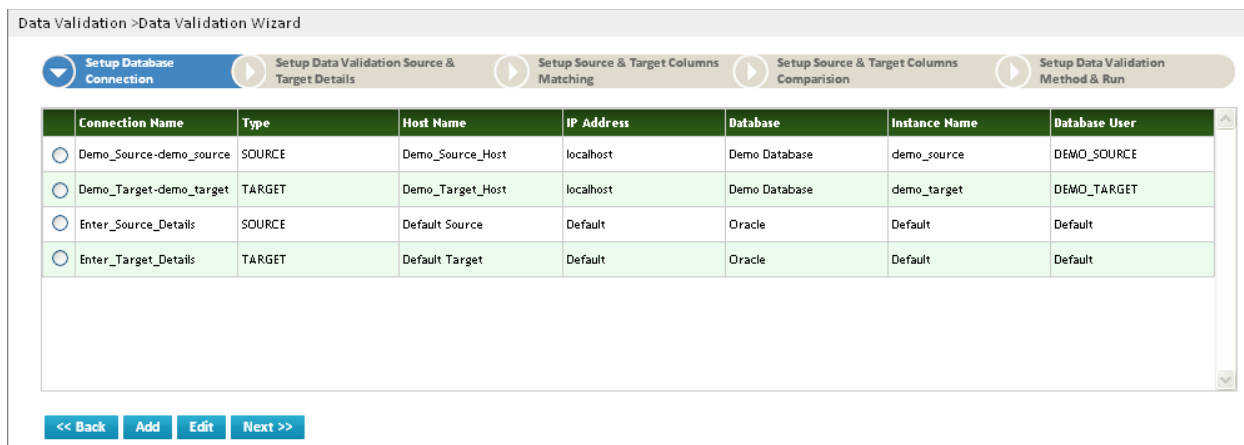
Next >>

Solix EDMS Standard Edition (SE) Wizard provides feasibility to run the data validation process with ease of five steps given below.

1. [Setup Database Connection](#)
1. [Setup Data Validation Source & Target Details](#)
2. [Setup Source & Target Column Matching](#)
3. [Setup Source & Target Column Comparison](#)
4. [Setup Data Validation Method & Run](#)

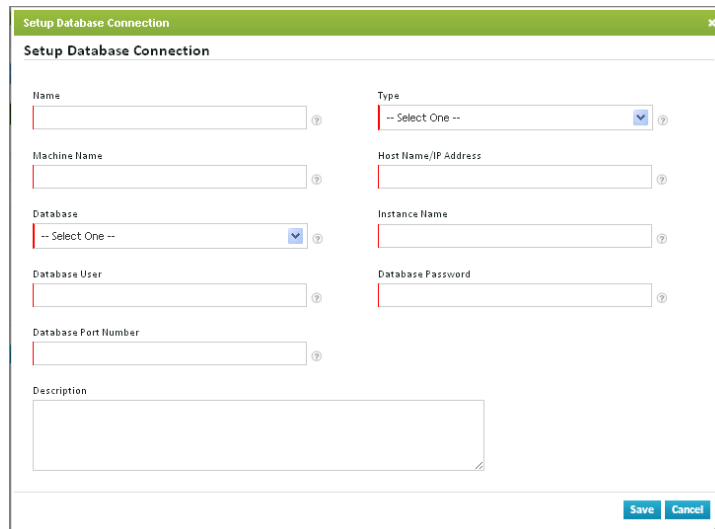
2.1 Setup Database Connection

In step 1, the user needs to configure the database connection to provide the tool accessibility to the database. This section describes the process to configure the connection details in order to connect to the database.



To setup the database connection for data validation:

1. In **Data Validation Wizard** initial screen, click **Next** button to initiate the data validation process and navigate to the first step in the wizard. The **Setup Database Connection** screen with the list of existing database connections will be displayed and provides the ability to create/edit connections.
 - If the required database connection already exists, then the user can navigate to the second step by clicking **Next** button.
2. To create a new database connection, do the following:
 - a. Click **Add** button (or) Hover on any existing database connection, the three links (Create Like, New and Edit) will appear to create or edit the database connection.
 - **Create Like** –enables the user to create a replica of the selected database connection. The same connections details are maintained. It is recommended to define a new name for the replica.
 - **Create** enables the user to create a new database connection.
 - **Edit** - enables to edit the details of an existing database connection.
 - b. The **Setup Database Connection** popup window is displayed. A new database connection can be created here as shown in the figure below.



- i. Enter the name of the database connection in the **Name** text field.
 - ii. Select an appropriate datasource type from the **Type** drop down list and designate the database as a source or target.
 - iii. Enter the database server name associated to the datasource in the **Machine Name** text field.
 - iv. Enter the host name/ IP address associated to the database server in the **Host Name/ IP Address** text field.
 - v. Select the database which is compatible to the datasource from the **Database** (such as Oracle, Demo database) drop down list.
 - vi. Enter the instance name/service name of the database in the **Instance Name** text field.
 - vii. Enter the login user name of the database in **Database User** text field.
 - viii. Enter the password corresponding to the username of the database in **Database Password** text field.
 - ix. Enter the port number of the database in the **Database Port Number** field.
 - x. Enter the comments in the **Description** text box.
 - xi. Click **Save** button. Once the database connection details are saved successfully, a confirmation message is prompted in the **Setup Database Connection** screen.
3. Once database connection setup is completed successfully, click **Next** button. The **Setup Data Validation Source & Target Details** screen will be displayed.



- The fields marked as ***** are mandatory fields.

- Ensure that the specified database is accessible and running.
- To navigate to **Setup Database Connection** wizard screen from the **Setup Database Connection** popup window, click **Cancel** button.

2.1.1 Create Like, Editing or Testing the database connections

Test Connection feature is designed to provide feasibility to verify whether the connection details specified during database connection creation are valid. To test the database connection, do the following:

1. In **Setup Database Connection** screen, hover on the database connection the needs to be verified. The three links (Create Like, New and Edit) will appears beneath the database connection.
2. Click **Create Like or Edit** button, to verify the connection details of the database connection. The **Setup Database Connection** popup window is prompted to edit /create a replica of the database connection as shown in the figure below.

3. Once the database connection details are saved successfully, in order to test the connection to the database based on the given details, click **Test Connection** button.
 - If the database is connected successfully, a message stating the successful connection to the database will be prompted.
 - If the database connection fails, an alert message to verify the given connection details will be prompted.



- The fields marked as ***** are mandatory fields.
- To create a replica of database, click on **Create Like** link. In **Setup Database Connection** enter the name of the replica in the **Name** text field.

2.2 Setup Data Validation Source & Target Details

Once the database connection setup is completed, the user needs to configure the source and target details such as database details, schema details.

To configure the source and target details for data validation, do the following.

1. In **Setup Data Validation Source & Target Details** screen, define the name of the validation in the **Data Validation Name** text field.
2. Select an appropriate type of comparison from the **Comparison Type** drop down. Based on the type of comparison selected, the corresponding fields will be displayed on the screen.

For example,

- If **Table** is selected, then the data in the source table and target table will be validated (i.e., validation takes place between tables in the source and target database).
3. Select a database from the **Source Database** drop down list, to define the source database for the data validation.
 4. Select a database from the **Target Database** drop down list, to define the target database for the data validation.
 5. If **Comparison Type** is selected as “**Table**”, then do the following:
 - a. Select the intended schema/user from the **Source Table Owner** drop down list.
 - b. Select the intended schema/user from the **Target Table Owner** drop down list.
 - c. Select the table from the **Source Table** drop down list, to extract the source data from the selected table for data validation process.

- d. Select the table from the **Target Table** drop down list, to extract the target data from the selected table for data validation process.
6. If **Comparison Type** is selected as “**Custom SQL**”, then do the following:
 - a. Enter the SQL statement in the **Source SQL Statement** text box to extract the data from the source database based on the specified SQL statement. The extracted source data will be validated in the data validation process.
 - b. Enter the SQL statement in the **Target SQL Statement** text box to extract the data from the target database based on the specified SQL statement. The extracted target data will be validated in the data validation process.
 7. If **Comparison Type** is selected as “**Registered SQL**”, then do the following:
 - a. Select an appropriate registered custom SQL statement from the **Source SQL Statement Names** drop down list. Once the custom SQL Statement is selected, the corresponding SQL statement will be populated in the **Source SQL Statement** text box. Based on the custom SQL statement, the data will be extracted from the source database and facilitated for data validation process.
 - b. Select an appropriate registered custom SQL statement from the **Target SQL Statement Names** drop down list. Once the custom SQL Statement is selected, the corresponding SQL statement will be populated in the **Target SQL Statement** text box. Based on the custom SQL statement, the data will be extracted from the target database and facilitated for data validation process.
 8. Select the Host/Staging database for validation process from the **Host Database** drop down list.
 9. Click **Next** button. Once the button is clicked, the data validation Source & Target details are saved. Then navigate to the next step (i.e., **Setup Source & Target Column Matching** screen) to configure the source and target columns for column matching.



- The fields marked as ***** are mandatory fields.
- Source or target database can also be a host database.
- When the **Comparison Type** is “**Registered SQL**”, the **SQL Source SQL Statement** text box and **Target SQL Statement** text box will be non-editable text fields.

2.3 Setup Source & Target Column Matching

Once the source and target details are defined for the data validation process, the user needs to configure the source and target columns. This is done by selecting the primary key or unique index column from the source and target table required to register for column matching.

Source Column	Target Column	Seq. No
ORDERNUMBER	ORDERNUMBER	1
PRODUCTCODE	PRODUCTCODE	2

To setup source and target column matching, do the following:

1. In **Setup Source & Target Column Matching** screen, select the intended column from the **Source Column** drop down list. This list is extracted from the source table/SQL. The primary key or unique index column is selected to register for matching the column.
2. Select the intended column from the **Target Column** drop down list which are extracted from the target table/SQL. The primary key or unique index column is selected to register for matching the column.
3. Click **Add** button, to save the source and target column matching information. Once the information is saved successfully, a message stating “**Source & Target Column Matching Saved Successfully**” is prompted on the screen and the respective column matching setup will be appended in the list.
4. Click **Next** button, to navigate to the next step. The **Setup Source & Target Column Comparison** screen will be displayed to setup an appropriate source and target column for comparison based on the specified criteria.



- The fields marked as ***** are mandatory fields.
- The source and target column matching information configured in the **Setup Source & Target Column Matching** screen are appended sequentially in the list.
- When multiple column matchings are configured, **Add More** button will appear in place of **Add** button.

2.4 Setup Source & Target Column Comparison

The **Setup Source & Target Column Comparison** screen enables the user to configure the source and target column for comparison in the validation process based on the given validation mapping criteria.

Source Column	Target Column	Mapping Type	Threshold Type	From Value	To Value	Seq. No
PRICEACH	PRICEACH	EXACT				1

To setup the source and target column for validation mapping, do the following:

- To validate the data of a column in the data validation process, select that column of the source table/SQL from the **Source Column** drop down list.
- Select a column of the target table/SQL that needs to be validated from the **Target Column** drop down list.
- Based on the data type of Source and Target Column, the corresponding option will be prompted in the **Mapping Type** drop down list, to perform validation effectively based on the criteria selected. i.e.,
 - For **Character** columns, **Exact Match** option will be prompted in the **Mapping Type**. This option enables to validate the data of Source and Target Column exactly.
 - For **Numeric or Date** columns, **Define Threshold** option will be prompted in the **Mapping Type**. This option enables to validate the data based on Threshold Type (i.e., Range Difference, Percentage Difference or Fixed Value) selected.
- If Threshold option is selected, the **Threshold Type** drop down and **Threshold Value** text field appears on the screen.
 - Select an appropriate type of threshold required for validation mapping from the **Threshold Type** drop down. (i.e., Range Difference, Percentage Difference or Fixed Value).

- b. Based on the threshold type selected, enter the relevant value in the **Threshold Value** text field.
5. Click **Add** button, to save the selected source and target column information to validate the data between source and target database accordingly. Once the information is saved successfully, a message stating “**Source & Target Column Comparison Saved Successfully**” is prompted on the screen and the respective column comparison setup will be appended in the list.
6. Click **Next** button, to navigate to the next step. The **Setup Data Validation Method & Run** screen will be displayed to setup an appropriate method for data validation process and execute it effectively.



- The fields marked as ***** are mandatory fields.
- In **Source Column** and **Target Column** drop down, “**All Columns**” option provides feasibility to register all the columns in source and target tables for comparison (i.e., validation). Exclusively, it is applicable when both the source and target tables contains same column name. In such cases, the Mapping Type should be “Exact Match”.
- When multiple column comparison is configured, **Add More** button will appears in place of **Add** button.
- For **Date** columns, only **Range Difference** and **Fixed Value** options are prompted in the **Threshold Type** drop down and enables to validate the data based on the selected threshold type.

2.5 Setup Data Validation Method & Run

The **Setup Data Validation Method & Run** screen enables the user to configure the method for data validation process and execute the data validation process effectively.

✓ Setup Database Connection
✓ Setup Data Validation Source & Target Details
✓ Setup Source & Target Columns Matching
✓ Setup Source & Target Columns Comparison
Setup Data Validation Method & Run

Comparison Method

Mismatched Records ?

Show Data Exists in Source And Target ?

Show Data Exists only in Source ?

Show Data Exists only in Target ?

Send Validation Results through Email (Optional) ?

Commit Frequency

10000 ?

Retain Staging Tables
 Yes No ?

Notes

Description

You have 1000 characters remaining for your notes.

<< Back
Save
Save & Run

To setup a method for data validation process and execute it, do the following:

1. Select an appropriate method for comparison of data from the **Comparison Method** drop down list. (i.e., Matched Records or MisMatched Records).
 - If “**Matched Records**” option is selected, the tool identifies the data which are matched in both source and target databases. The **Show Data Exists in Source And Target** check box will be visible on the screen.
 - If “**Mismatched Records**” option is selection, the tool identifies data which are not matched in both source and target databases. The **Show Data Exists in Source and Show Data Exists in Target** check box will also appear on the screen.
2. Enter the frequency value in the **Commit Frequency** text field, to commit data after specified number of rows from both source and Target Databases.
3. Select **Yes/No** option in the **Retain Staging Tables**, to retain the staging tables or not.
 - By default “**No**” option is selected, because this version of the tool - Solix EDMS (Standard Edition) does not support retaining staging tables. The validation staging tables will be dropped automatically.
4. To send the notification email to the user, select the **Send Validation Results through Email (Optional)** check box to provide email information. Once the check box is selected, automatically the notification email section will be populated on the screen as shown in the figure below.

The screenshot displays the configuration interface for data validation. The 'Notification Email section' is highlighted with a red box and a callout. This section includes the following fields:

- Success Email:** A text input field for the email address to receive success notifications.
- Failure Email:** A text input field for the email address to receive failure notifications.
- Notification Template:** A dropdown menu with the option "--Select One--".
- Notification Preference:** Radio buttons for "Attachment" and "Inline".

Below the notification details is a **Notes** section with a text area for additional information. At the bottom of the interface are navigation buttons: "<< Back", "Save", and "Save & Run".

5. In **Notification Email** section, enter the email address in the **Success Email** text field, to whom the notification emails should be sent when the source and

- target matches exactly, or within the defined threshold percent or range. It is recommended to use comma/semicolon, to enter multiple users email address list.
6. Enter the email address in the **Failure Email** text field, to which the notification emails should be sent when the source and target don't match exactly, or their differences exceeds the defined threshold percent or range. It is recommended to use comma/semicolon, to enter multiple users email address list.
 7. Select the template for the notification from the **Notification Template** drop down list, for sending (i.e., emailing) the validation results.
 8. Select the required preference from the **Notification Preference** drop down list (i.e., Attachment or Inline). Based on selected value results would be sent as an attachment or an inline text of a mail.
 - a. To setup the mail server details for the respective execution, click ([Click here to Setup/Validate Mail Server Details](#)) link appears adjacent to the **Notification Details** as shown in the figure below.

Notification Details ([Click here to Setup/Validate Mail Server Details](#))

Success Email

Failure Email

Notification Template

Notification Preference Attachment Inline

- b. The **Mail Server Details** popup window will be prompted as shown in the figure below.

Name	Value	Description
EMAIL_USER	<input type="text" value="edms@solix.com"/>	Holds the Email User-id that will be used for sending the mail.
MAIL_SERVER	<input type="text" value="10.1.151.70"/>	Holds IP Address of the mail server to be used while sending the messages to the User. Mail server from which the mails to the EDMS users has to be sent.
MAIL_SERVER_PORT	<input type="text" value="25"/>	Holds Port Number of the mail server to be used while sending the messages to the User.

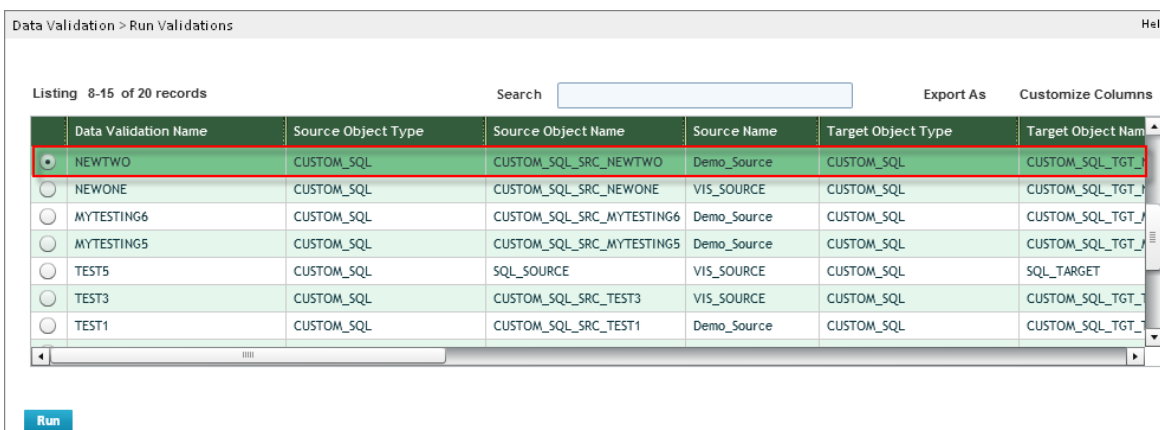
Send Test Mail To

- c. Enter the email-id of the user in the **EMAIL_USER** text field.

- d. Enter the IP address of the email server in the **MAIL_SERVER** text field.
- e. Enter the Port number of the email server in the **MAIL_SERVER_PORT** text field.
- f. To send a test mail, enter the email-id of the user in the **Send Test Mail To** text field. Click **Send Test Mail** button, to send the test mail to the specified email-id.

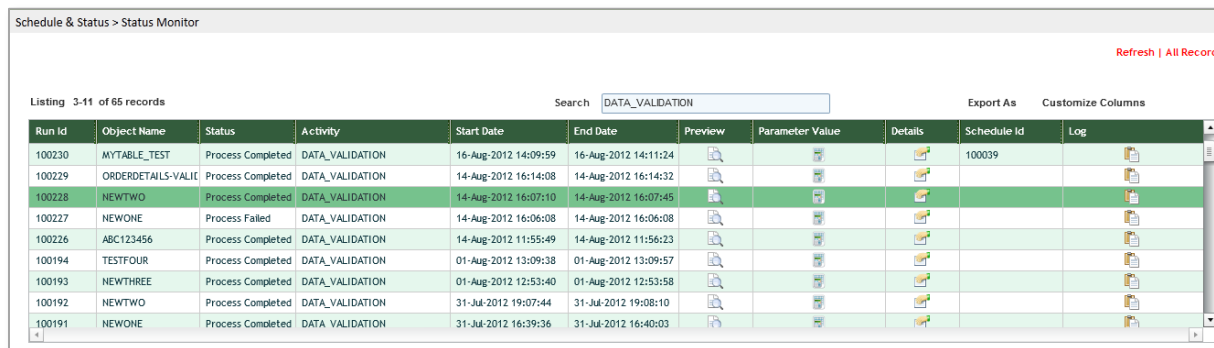
9. The data validation process can be executed to two ways,

- Click **Save & Execute** button, to save the method of data validation and execute the data validation process accordingly. The Run ID for the respective job will be depicted in the **Run Schedule** screen.
- Click **Save** button, to save the method of data validation successfully. The screen automatically navigates to the **Run Validation (Data Validation > Run Validation)** screen to execute the respective data validation process as shown in the figure below.



- Click **Run** button, to execute the process. The Run ID for the respective job will be generated in the **Run Schedule** screen.

10. To monitor the status and view the details of the job, click Run ID or navigate to the **Status Monitor** screen (**Status>Status Monitor**).



11. To view the validation result, click **Preview** icon of the corresponding Run ID. The **Data Validation Summary** screen will be displayed with consolidated results of

validations executed based on the criteria selected (i.e., validation type) in the validation process as shown in the figure below.

Schedule & Status > Status Monitor > Preview

Data Validation Summary for NEWTWO (Run Id - 100228)

Listing 1-2 of 2 records

Search

Validation Type	Total Rows	Details
Data Mismatches	121	
Data Exists Only in Source	1	

[Show All Details](#) [Close](#)

- To view the detailed results of validation according to the validation type, click button of the corresponding validation type.

For example,

To view the results of **Data Mismatches**, click corresponding button. The **Details** screen will be displayed with the detailed information of **Data Mismatches** as shown in the figure below.

Schedule & Status > Status Monitor > Preview > Details

Data Mismatches for NEWTWO (Run Id - 100228)

Listing records 1 - 50 of 121

Search Export As

EDMS_SEQ_NO	CUSTOMERNUMBER_SRC	CUSTOMERNUMBER_TGT	CUSTOMERNAME_SRC	CUSTOMERNAME_TGT	CONTACTLAST
1	103	103	Atelier graphique	Atelier graphique	Schmitt
2	112	112	Signal Gift Stores	Signal Gift Stores	King
3	114	114	Australian Collectors, Co.	Australian Collectors, Co.	Ferguson
4	119	119	La Rochelle Gifts	La Rochelle Gifts	Labrone
5	121	121	Baane Mini Imports	Baane Mini Imports	Bergufsen
6	124	124	Mini Gifts Distributors Ltd.	Mini Gifts Distributors Ltd.	Nelson
7	125	125	Havel & Zbyszek Co	Havel & Zbyszek Co	Piestrzeniewicz
8	128	128	Blauer See Auto, Co.	Blauer See Auto, Co.	Keitel
9	129	129	Mini Wheels Co.	Mini Wheels Co.	Murphy

[Back](#) [Close](#) [<<](#) [<](#) [>](#) [>>](#)

- To view the detailed results of all validations executed in the respective Run ID, click **Show All Details** button in the **Data Validation Summary** screen. The **Details** screen will be displayed will the **Data Validation Results** as shown in the figure below.

Schedule & Status > Status Monitor > Preview > Details

Data Validation Results for NEWTWO (Run Id - 100228)

Listing records 1 - 50 of 122 Search Export As

EDMS_SEQ_NO	VALIDATION_TYPE_DESC	CUSTOMERNUMBER_SRC	CUSTOMERNUMBER_TGT	CUSTOMERNAME_SRC	CUSTOMERNAME_TGT
1	Data Mismatches	103	103	Atelier graphique	Atelier gr
2	Data Mismatches	112	112	Signal Gift Stores	Signal Gift
3	Data Mismatches	114	114	Australian Collectors, Co.	Australian
4	Data Mismatches	119	119	La Rochelle Gifts	La Rochell
5	Data Mismatches	121	121	Baane Mini Imports	Baane Min
6	Data Mismatches	124	124	Mini Gifts Distributors Ltd.	Mini Gifts
7	Data Mismatches	125	125	Havel & Zbyszek Co	Havel & Z
8	Data Mismatches	128	128	Bauer See Auto, Co.	Bauer See
9	Data Mismatches	129	129	Mini Wheels Co.	Mini Whee

Back Close << < > >>



- The fields marked as ***** are mandatory fields.
- In **Retain Staging Tables**, “Yes” option is disabled because Solix EDMS Standard Edition (SE) application does not support Retain Staging Tables feature.
- To limit the rows in the notification results, set the value of **RECON_RESULTS_MAIL_LIMIT** parameter in the **Parameter** screen. For example, to limit the rows to 500, set the default value of **RECON_RESULTS_MAIL_LIMIT** to “500”. Henceforth, the notification result will display 500 rows exclusively.

3 Rerun the Data Validation

Once the data validation is created and executed successfully, it will be automatically appended to the **Run Validation** Screen (**Data Validation >Run Validation**). Furthermore, if the user wants to rerun the data validation, the Solix EDMS Standard Edition (SE) provides feasibility to rerun the executed data validation recursively.

To rerun the data validation, do the following:

1. Navigate to the following path: **Data Validation >Run Validation**. The **Run Validation** screen will be displayed with the list of Validations created and executed as shown in the figure below.

Data Validation > Run Validations

Listing 8-15 of 20 records

Search

Export As Customize Columns

	Data Validation Name	Source Object Type	Source Object Name	Source Name	Target Object Type	Target Object Name
<input checked="" type="radio"/>	NEWTWO	CUSTOM_SQL	CUSTOM_SQL_SRC_NEWTWO	Demo_Source	CUSTOM_SQL	CUSTOM_SQL_TGT_NEWTWO
<input type="radio"/>	NEWONE	CUSTOM_SQL	CUSTOM_SQL_SRC_NEWONE	VIS_SOURCE	CUSTOM_SQL	CUSTOM_SQL_TGT_NEWONE
<input type="radio"/>	MYTESTING6	CUSTOM_SQL	CUSTOM_SQL_SRC_MYTESTING6	Demo_Source	CUSTOM_SQL	CUSTOM_SQL_TGT_MYTESTING6
<input type="radio"/>	MYTESTING5	CUSTOM_SQL	CUSTOM_SQL_SRC_MYTESTING5	Demo_Source	CUSTOM_SQL	CUSTOM_SQL_TGT_MYTESTING5
<input type="radio"/>	TEST5	CUSTOM_SQL	SQL_SOURCE	VIS_SOURCE	CUSTOM_SQL	SQL_TARGET
<input type="radio"/>	TEST3	CUSTOM_SQL	CUSTOM_SQL_SRC_TEST3	VIS_SOURCE	CUSTOM_SQL	CUSTOM_SQL_TGT_TEST3
<input type="radio"/>	TEST1	CUSTOM_SQL	CUSTOM_SQL_SRC_TEST1	Demo_Source	CUSTOM_SQL	CUSTOM_SQL_TGT_TEST1

2. Select the radio button adjacent to the intended data validation and click **Run** button. The **Run Parameter** screen appears to enter the parameter value at run time as shown in the figure below.

Source Object Run Parameters Details (CUSTOM_SQL_SRC_NEWTWO)

Name	Parameter	Value

Target Object Run Parameters Details (CUSTOM_SQL_TGT_NEWTWO)

Name	Parameter	Value

3. Click **Continue** button, to execute the data validation process. A Run ID will be generated and displayed in the **Run Schedule** screen.
4. To monitor the status and view the details of the job, click Run ID or navigate to the **Status Monitor** screen (**Schedule & Status > Status Monitor**).

Schedule & Status > Status Monitor

Refresh | All Records

Listing 3-11 of 65 records

Search DATA_VALIDATION

Export As Customize Columns

Run Id	Object Name	Status	Activity	Start Date	End Date	Preview	Parameter Value	Details	Schedule Id	Log
100230	MYTABLE_TEST	Process Completed	DATA_VALIDATION	16-Aug-2012 14:09:59	16-Aug-2012 14:11:24				100039	
100229	ORDERDETAILS-VALI	Process Completed	DATA_VALIDATION	14-Aug-2012 16:14:08	14-Aug-2012 16:14:32					
100228	NEWTWO	Process Completed	DATA_VALIDATION	14-Aug-2012 16:07:10	14-Aug-2012 16:07:45					
100227	NEWONE	Process Failed	DATA_VALIDATION	14-Aug-2012 16:06:08	14-Aug-2012 16:06:08					
100226	ABC123456	Process Completed	DATA_VALIDATION	14-Aug-2012 11:55:49	14-Aug-2012 11:56:23					
100194	TESTFOUR	Process Completed	DATA_VALIDATION	01-Aug-2012 13:09:38	01-Aug-2012 13:09:57					
100193	NEWTTHREE	Process Completed	DATA_VALIDATION	01-Aug-2012 12:53:40	01-Aug-2012 12:53:58					
100192	NEWTWO	Process Completed	DATA_VALIDATION	31-Jul-2012 19:07:44	31-Jul-2012 19:08:10					
100191	NEWONE	Process Completed	DATA_VALIDATION	31-Jul-2012 16:39:36	31-Jul-2012 16:40:03					

5. To view the validation result, click **Preview** icon of the corresponding Run ID. The **Data Validation Summary** screen will be displayed with consolidated results of validations executed based on the criteria selected (i.e., validation type) in the validation process as shown in the figure below.

Schedule & Status > Status Monitor > Preview

Data Validation Summary for NEWTWO (Run Id - 100228)

Listing 1-2 of 2 records

Search

Validation Type	Total Rows	Details
Data Mismatches	121	
Data Exists Only in Source	1	

Close Show All Details

4 Edit the existing Data Validation

Once the data validation is created and executed successfully, it will be automatically appended in the **Validation** screen (**Setting > Data Validation > Validation**). Henceforth, Solix EDMS Standard Edition (SE) provides feasibility to edit the data validation details and alter the criterion specified for column comparison in the existing data validation effectively. This section illustrates the process to modify the details/criteria in the existing data validation.

To edit the existing data validation, do the following:

- Navigate to the following path: **Setting > Data Validation > Validation**.
The **Validation** screen will be displayed as shown in the figure below.

Settings > Data Validation > Validations

Listing 9-16 of 21 records Search Export As Customize Columns

	Data Validation Name	Source Object Type	Source Object Name	Source Name	Target Object Type
<input checked="" type="radio"/>	NEWTWO	CUSTOM_SQL	CUSTOM_SQL_SRC_NEWTWO	Demo_Source	CUSTOM_SQL
<input type="radio"/>	NEWONE	CUSTOM_SQL	CUSTOM_SQL_SRC_NEWONE	VIS_SOURCE	CUSTOM_SQL
<input type="radio"/>	MYTESTING6	CUSTOM_SQL	CUSTOM_SQL_SRC_MYTESTING6	Demo_Source	CUSTOM_SQL
<input type="radio"/>	MYTESTING5	CUSTOM_SQL	CUSTOM_SQL_SRC_MYTESTING5	Demo_Source	CUSTOM_SQL
<input type="radio"/>	TEST5	CUSTOM_SQL	SQL_SOURCE	VIS_SOURCE	CUSTOM_SQL
<input type="radio"/>	TEST3	CUSTOM_SQL	CUSTOM_SQL_SRC_TEST3	VIS_SOURCE	CUSTOM_SQL
<input type="radio"/>	TEST1	CUSTOM_SQL	CUSTOM_SQL_SRC_TEST1	Demo_Source	CUSTOM_SQL

4.1 Edit Data Validation details

To edit the data validation details, do the following:

1. In **Validations** screen, select the intended data validation and click **Edit** button to edit the data validation details. **The Data Validation Sources & Target Details** screen will be displayed as shown in the figure below.

Settings > Data Validation > Validations > Validation Details

Data Validation Source & Target Details Help ?

Data Validation Name: ?

Enable: Yes No ?

Source Type: ?

Target Type: ?

Source Name: ?

Target Name: ?

Source Database: ?

Target Database: ?

Host Database: ?

Data Validation Details

Comparison Method: ?

Commit Frequency: ?

Show Data Exists in Source And Target ?

Show Data Exists only in Source ?

Show Data Exists only in Target ?

Retain Staging Tables: Yes No ?

Send Validation Results through Email (Optional): ?

Notification Details [\(Click here to Setup/Validate Mail Server Details\)](#)

Success Email: ?

Failure Email: ?

Notification Template: ?

Notification Preference: Attachment Inline ?

Notes

Description:

You have 1000 characters remaining for your notes.

2. Make the necessary changes and click **Save** button, to save the modified information. Once the details are updated successfully, a message stating “**Data Validation Details Updated Successfully**” will be prompted in the screen.



- The fields marked as are mandatory fields.

4.2 Edit Column Comparison Criteria details

To edit the Column Comparison criteria, do the following:

1. In **Validations** screen, select the intended data validation and click **Column Comparison** button to edit the Column Comparison criteria. The **Validation Column Comparisons** screen will be displayed with the list of existing validation column comparisons.
2. Select the intended data validation and click **Edit** button to edit the details of column comparison. The **Validation Column Comparison Details** screen will be displayed as shown in the figure below.

3. Make the necessary changes and click **Save** button, to save the modified information. Once the details are updated successfully, a message stating “**Validation Column Comparison Updated Successfully**” will be prompted in the screen.

For example,

- To modify the percentage difference from 20 to 50, then select **Mapping Type = Define Threshold** and **Threshold Type = Percentage Difference**, and enter **50** in the **Threshold Value** text field. Next, click **Save** button to update the threshold value for the respective data validation.



- The fields marked as ***** are mandatory fields.
- Based on source and target column type selected, the **Mapping Type** option will be prompted.
 - For **Character** columns, **Exact Match** option will be prompted in the **Mapping Type**.
 - For **Numeric or Date** columns, **Define Threshold** option will be prompted in the **Mapping Type**.

5 Change Password

The default User ID and password provided by Solix Technologies logs the user in as an Admin user.

To change password:

1. Login to the Solix EDMS Standard Edition (SE) using the authenticated user name and password.
2. When user wants to change the password for the first time, it is mandatory to change the default email-id provided by Solix; in order to send new password to the email-id specified by the user. To change user email-id:
 - a. Navigate to the following path: **Admin > Manage Users & Roles > Users**. The **User** screen will be displayed.
 - b. Select radio button adjacent to Admin and click **Edit** button. The **User Details** screen with the information associated to admin user will be displayed as shown in the figure below.

Admin > Manage Users & Roles > Users > User Details

User Details

First Name: Admin

Last Name: User

Phone: +1-888-467-6549

Email: support@solix.com

Login Name (User Name): ADMIN

Start Date: 2012/03/12

End Date:

Customer Name: Solix Technologies, Inc.

Notes

Description:

You have 1000 characters remaining for your notes.

Save Back

- c. Enter email-id of the user in the **Email_id** text box.
 - d. Click **Save** button, to update the user information.
3. Once email_id of the user is changed, click **Role** (by default-ADMIN) appears at the top right corner of screen as shown in the figure below.

Home | ADMIN | Help

User Role : ADMIN

Knowledge Base : Oracle

Last Login : 2012-07-05 14:21:16.923

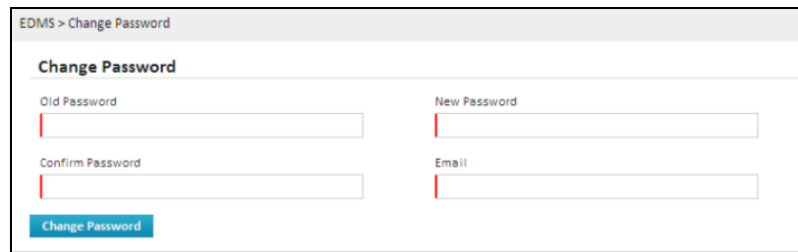
Audit : Off

Switch Profile : Select One

Primary Role Refresh

Change Password

4. In **Role Popup** window, click **Change Password** hyperlink to change the password. The **Change Password** pop-up window will be displayed as shown in the figure below.



- a. Enter current password in the **Old Password** text field.
- b. Enter the new password in the **New Password** text field.
- c. Re-enter the new password in the **Confirm Password** text field.
- d. Enter the email-id of the user in the **Email** in the text field, to send the confirmation mail.
- e. Click **Change Password** button. A message stating that “**Password is changed successfully**” is prompted and the confirmation message will be sent to the email-id specified by the user.



- The field marked as **d** are mandatory fields.
- It is mandatory to enter the email address of the user in the **User Details** screen only when the password is changed for the first time.

6 About Solix Technologies

[Solix Technologies](#), Inc. is a leading provider of [Enterprise Data Management](#) solutions for public and private clouds. Solix data growth solutions help businesses improve application performance, reduce storage costs and meet compliance and data privacy requirements by achieving [Information Lifecycle Management](#) (ILM) goals. The [Solix Cloud](#) provides a pay-as-you-go model for [database archiving](#) and [application retirement](#). The Solix Enterprise Data Management Suite ([EDMS](#)) software enables organizations to implement [Database Archiving](#), [Test Data Management](#) (Data Subsetting), [Data Masking](#) and [Application Retirement](#) across all enterprise data. Solix Technologies is headquartered in Santa Clara, California and operates worldwide through an established network of value added resellers (VARs) and systems integrators.

Visit Solix Technologies on the web at <http://www.solix.com> and follow Solix on,

- Twitter (<http://www.twitter.com/solixedms>)
- Facebook (<http://www.facebook.com/solixtechnologies>)