

# Solix EDMS Standard Edition Data Validation

## HOW DO YOU GUARANTEE DATA ACCURACY?



Data is at the forefront of most business decisions for organizations today. This data is transferred, transformed and integrated across multiple applications. 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. 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.
- Incorrect / misunderstanding of business requirements
- Programming errors / bugs
- Invalid /incorrect exception handling
- Unexpected data coming from source
- Logical errors / failures
- Loss of data during transfer due to network failures / system incompatibilities

It is imperative that these errors be avoided in order to maintain the accuracy of the data. Data validation is the automated process of comparing a data set with the original to determine the accuracy between source and target. The main purpose of data validation is to ensure that all data has been converted and migrated correctly.

## Solix EDMS Standard Edition Data Masking

Solix EDMS Data Masking Standard Edition effectively scrambles, encrypts or masks sensitive data in non-production databases while ensuring data format remains valid for testing purposes. The Solix EDMS SE comes pre-packaged with algorithms to help ensure that the application context is maintained after masking (e.g. Generation of valid credit card numbers etc.)

## FEATURES

### Multiple options to suit various data validation needs

Solix EDMS Data Validation SE offers users flexibility to use the tool according to their needs. The user has an option of assigning multiple data sources and targets. The users can also choose to use the pre-defined SQL statements or customize the statements to suit their needs. The validation process can be based on a variety of thresholds like Range, Percentage or Fixed value to suit different situations. Some of the other options included are:

- Provides the ability to validate the data at a table level or based on query
- Provides functionality to apply aggregate functions
- Contains built-in status monitoring console, time-based scheduling and email notifications
- Supports user management

### Single click installation

Installing is as simple as downloading and executing a file. The product can be up and running within minutes

### Easy to use through a process driven approach

A five-step straight forward process to setup data validation process

Solix EDMS Data Validation Standard Edition provides a platform for data validation and data reconciliation needs across enterprise on data at same or different granularities. It can be used to validate data between source and target to identify any data accuracy issues. One of the common use cases is to validate data between source and data warehousing systems on a daily basis.

## ABOUT SOLIX TECHNOLOGIES, INC.

Solix Technologies, Inc., the leading provider of Enterprise Data Management (EDM) solutions, is transforming information management with the first enterprise archiving and data lake application suite for big data: The Solix Big Data Suite. Solix is helping organizations learn more from their data with enterprise analytics and achieve Information Lifecycle Management (ILM) goals. The Solix Enterprise Data Management Suite (Solix EDMS) and Solix Enterprise Standard Edition (SE) enable organizations to improve application performance, meet compliance objectives, and reduce the cost of data management across the enterprise. Solix Technologies, Inc. is headquartered in Santa Clara, California and operates worldwide through an established network of value added resellers (VARs) and systems integrators.

## BENEFITS

- Helps identify the accuracy of the data
- Reduces considerable manual effort in verifying and validating the data thus reducing time taken to create multiple data copies
- It's a framework and is easily extensible
- Central repository based three-tier architecture
- Allows customization for specific customer needs
- Users can get started with single-click install
- Easy-to-use 5 step data validation process