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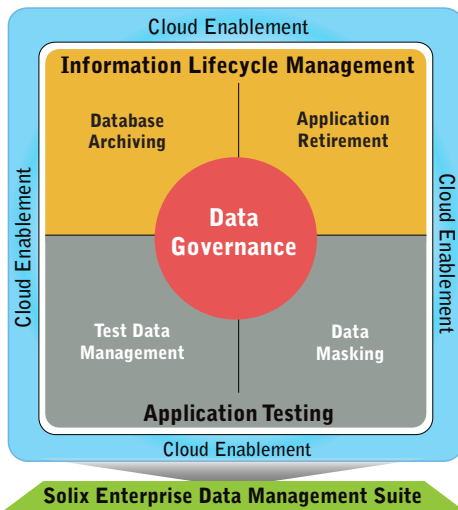


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Secure Non-Production Database with Solix EDMS Data Masking: Obfuscate Sensitive Data for Application Testing

Privacy Needs Active Protection

Ensuring data privacy is the law in many regulated industries; however protecting sensitive data is good business practice. Breach of confidential customer, financial and employee data can lead to significant financial, legal and reputational losses. While data protection is strongly enforced in production systems, the same rigor is often not applied to non-production test and development environments. The approach to build in-house a limited set of masking algorithms and have it executed by teams who have limited understanding of the application have led to serious vulnerability and occasional breach of sensitive data.



Solix EDMS Data Masking

Solix EDMS Data Masking, a key module of the Solix Enterprise Data Management Suite (EDMS), combined with Solix EDMS knowledgebase for the specific application, effectively scrambles, encrypts, or masks sensitive data in the test databases while ensuring data format remains valid for testing purposes. The Solix EDMS pre-packages specific algorithms to handle the formats required for creating a valid environment for application testing while ensuring obfuscation of personal identifiable information (PII).

Enterprise System Testing Challenges

A typical enterprise runs multiple applications sometimes on different databases. Sensitive data, such as salaries, need to be masked in a consistent manner across all these applications. Furthermore, different sets of sensitive data (SSN versus credit card number versus salary) require different treatments of obfuscation. Business users also demand rapid testing. These different objectives have to satisfy the overarching criterion of integrity for application testing and needs to be tied together with key elements of SDLC.

Features

Pre-Configured Masking

Ships with pre-configured algorithms to ensure data privacy for popular pre-package application modules like PeopleSoft HCM that contain highly sensitive data.

Obfuscates actual data

Data obfuscation ensures test and development users are unable to determine the actual or original values through one-way data scrambling, masking and/or random data generation.

Supports Encryption & Decryption

The ability to support encryption/decryption is important when the application requires dynamic data masking.

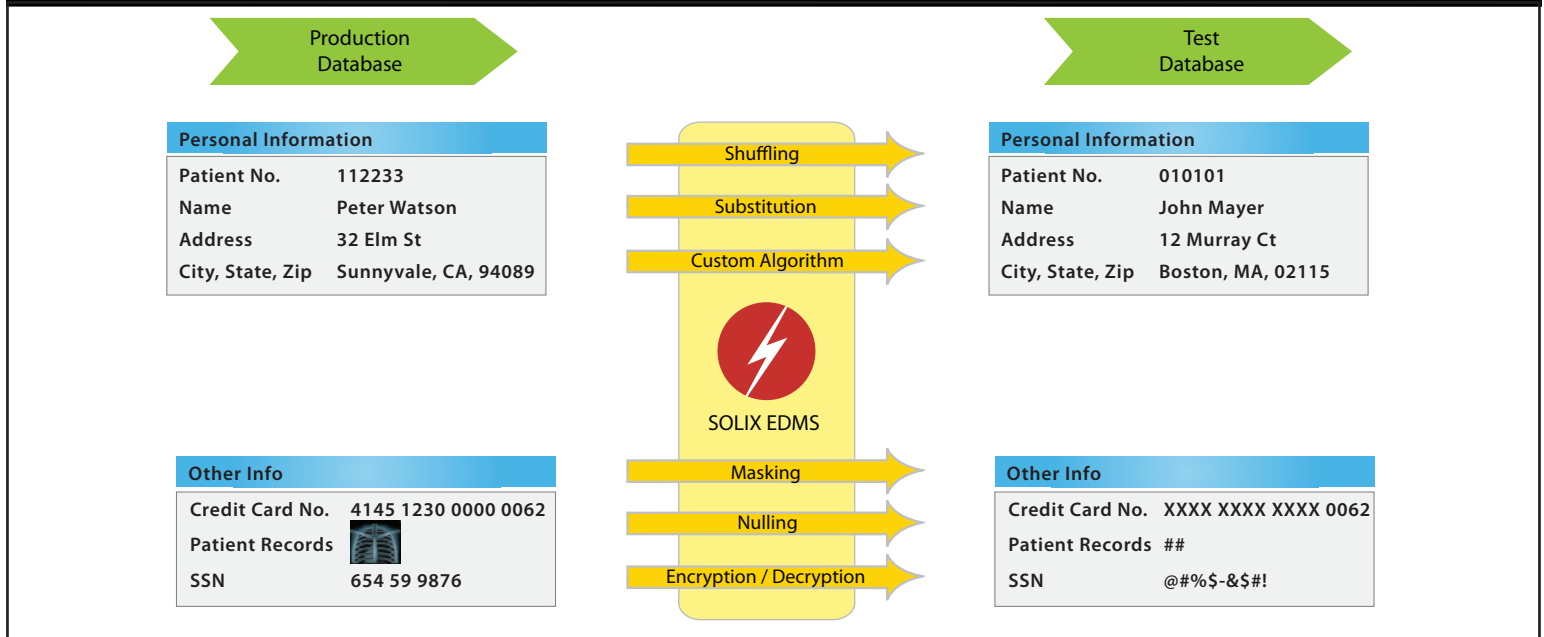
Maintains Transaction Relational Integrity

When sensitive data is a Primary/Foreign Key or maintains a columnar reference, transactional relational integrity is required.

Easy to use and set up policies

Through a separate policy manager, those who define the policies are different than those who execute them, ensuring segregation of duties.





Solix EDMS has been architected to support multiple applications running on heterogeneous databases from single server install. Solix EDMS Data Masking can be implemented to support consistent masking rules across these multiple applications. Solix EDMS Data Masking also provides a rich library of masking and encryption algorithms to satisfy the Chief Information Security Officer's mandate to treat different data values with appropriate obfuscation rules. In combination with Solix EDMS Test Data Management, Solix EDMS Data Masking delivers secure subsets in a rapid manner meeting business users' demands for timely application testing. The most important criterion of integrity for application testing is met through the meta-data repository with application specific knowledgebases that's either pre-packaged for defined ERP's / CRM's or can be built through an auto population tool for other ISV or custom applications.

Benefits

- Solix EDMS incorporates storage replication, application cloning, and other integral steps in the SDLC process into the masking solution.
- Solix EDMS builds policies based on business testing requirements and compliance needs.
- Solix EDMS provides complete library of functions that meets all test use cases.
- Solix EDMS provides application awareness
- Solix EDMS allows business to define obfuscation rules in their terms; execution is done by IT (removes "Fox/ Henhouse" syndrome)

About SOLIX Technologies

SOLIX Technologies, Inc., a leading provider of Enterprise Data Management solutions, helps businesses to improve application performance, reduce storage costs, meet compliance and data privacy requirements by achieving Information Lifecycle Management (ILM) goals and Data Governance strategies. Solix Enterprise Data Management Suite (Solix EDMS) software enables organizations to implement Database Archiving, Test Data Management (Data Subsetting), Data Masking and Application Retirement across all enterprise data. Solix ExAPPS Appliance is an integrated set of Server, Storage and Software Components for Application Retirement all bundled into a single device. SOLIX has an extensive global client base, including Fortune 500 companies, and is widely considered the standard for enterprise data management. SOLIX Technologies is headquartered in Santa Clara, California and has an established worldwide channel program of value added resellers (VARs) and systems integrators.

Supported Applications

- Oracle E-Business Suite
- PeopleSoft
- JD Edwards
- Siebel
- BaaN
- DataWarehouse
- Custom Applications

Supported Databases

- Oracle
- IBM DB2
- Microsoft SQL Server
- MySQL
- Informix
- Other RDBMS with JDBC driver support

Supported Operating Systems

- HP-UX
- IBM AIX
- IBM z/OS
- IBM i5/OS (OS/400)
- Oracle Solaris
- Linux
- Microsoft Windows