Solix Data Masking
Secure Sensitive Data in your Non-production Environments

Need to secure sensitive data
Today, most organizations utilize copies of their production data for research, analysis, testing and development purposes. Often these copies contain sensitive information, yet companies seldom set the same security measures and access controls that govern production environments. Such data being accessed by testers, developers, analysts, external consultants and offshore teams who do not have the necessary clearances can leave organizations vulnerable to attacks, data leaks, and non-compliance with regulations, such as, GDPR, HIPAA, PCI, FISMA etc.

Solix Data Masking
Solix Data Masking is the perfect solution for securing sensitive data in non-production environments. It helps you discover sensitive data at scale and mask them using one of the twenty-five predefined security rules or a custom built rule. The Solix Data Masking rules preserve the format and the referential integrity across the datasets ensuring data continues to be fit for research, analysis and software development, without risking compliance and data security.

Features & benefits

Discover & secure sensitive data
Quickly identify otherwise difficult to find PII, PCI, PHI and other sensitive data elements across heterogeneous data sources and secure it using the format-preserving data masking. This enables rapid sharing of production data that meets regulatory compliance and data privacy requirements.

Pre-configured masking rules
Ships with over twenty five pre-defined rules to quickly discover and mask industry defined sensitive data. Lets you build custom data masking rules to meet your own requirements.
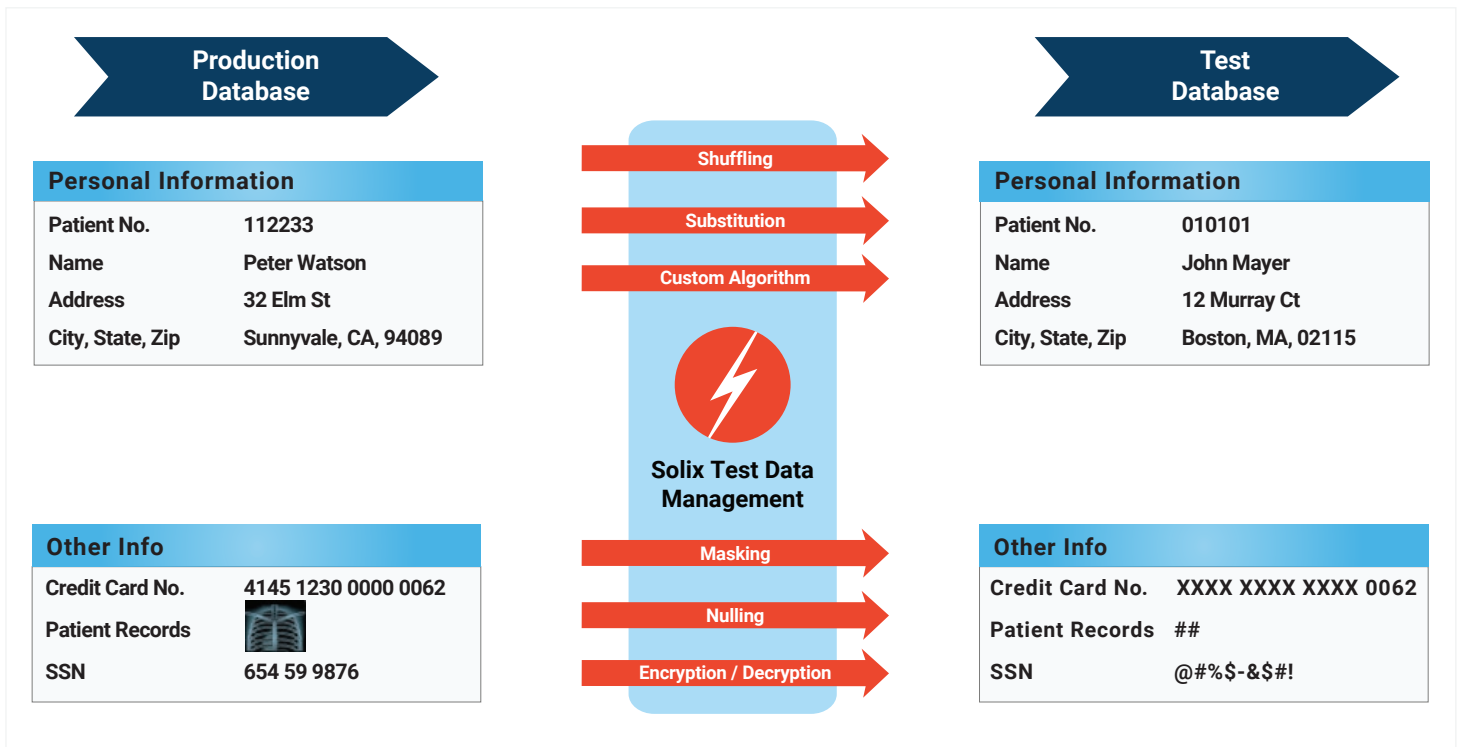
Obfuscate actual data
Solix data obfuscation ensures test and development users are unable to determine the actual, or original values through one-way data scrambling, masking and/or random data generation.

Maintain referential integrity
When sensitive data is a primary or foreign key or maintains a columnar reference, referential integrity is required to be maintained for masked data to be usable. Solix Data Masking ensures relational integrity at all times due to its metadata driven approach.

Highlights

- **Quickly identify and secure sensitive data** across your non-production environments

- **Multi-platform and multi-database support** ensure hassle free and consistent data masking strategy across the organization

- **Maintains referential integrity** to ensure consistency and usability of masked data

- **Pre-defined data masking** rules help to quickly secure PII, PCI, and PHI and other industry defined sensitive data

- **Obfuscate data** to ensure original values cannot be derived back from the masked data

- **Improve compliance** with data privacy and data security regulations

- **Deploy** on-premise or in private or public cloud

Production Database

Personal Information

Patient No.	112233
Name	Peter Watson
Address	32 Elm St
City, State, Zip	Sunnyvale, CA, 94089

Other Info

Credit Card No.	4145 1230 0000 0062
Patient Records	
SSN	654 59 9876

Test Database

Personal Information

Patient No.	010101
Name	John Mayer
Address	12 Murray Ct
City, State, Zip	Boston, MA, 02115

Other Info

Credit Card No.	XXXX XXXX XXXX 0062
Patient Records	##
SSN	@#%$-&$#!

Solix Test Data Management

- Shuffling
- Substitution
- Custom Algorithm
- Masking
- Nulling
- Encryption / Decryption

Accelerators for popular ERP applications

Solix Data Masking features accelerators for many of the popular pre-packaged applications including Oracle E-Business Suite, Oracle Transportation Management, PeopleSoft, JD Edwards, Siebel, BaaN, and Data Warehouse applications. Of course, Solix Data Masking supports custom-built applications too.

Comprehensive support for databases

Solix Data Masking features support for all popular databases such as Oracle, DB2, MySQL, MongoDB, SQL Server, Sybase, Teradata & Flat Files.

Secure Test Data Management

Solix Data Masking seamlessly integrates with Solix Test Data Management solution to help rapid delivery of secure subsets to meet the business users' demands for timely application testing.

To learn more or to request for a free personalized demo visit http://www.solix.com or reach us at info@solix.com

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