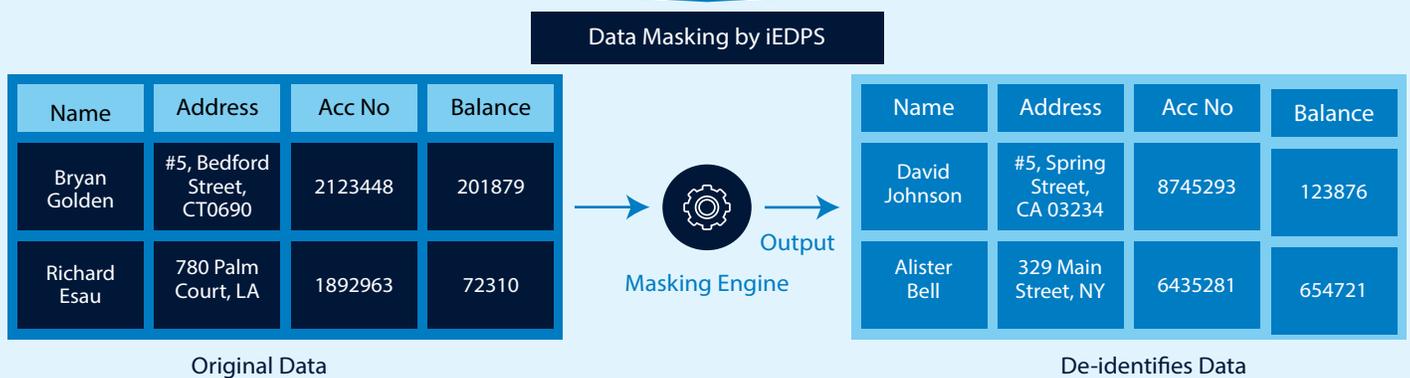


INFOSYS ENTERPRISE DATA PRIVACY SUITE

Rising data privacy breaches and its abuse have put data privacy concerns on top priority for companies. This has restrained them from using sensitive data residing in enterprise production environment for legitimate business needs such as application development and testing. Businesses are also missing out outsourcing opportunities. Moreover, worldwide data privacy legislations have made it mandatory for companies to protect personally identifiable information (PII) residing with them.

Clearly, the need to protect sensitive data, benefit from outsourcing, and to comply with regulations has forced companies to consider privacy-preserving systems.

An easy-to-use quickly deployable data masking software	Effectively scale up to masking millions of records	Protects the privacy of sensitive data in data repositories	Supports a wide array of masking transformations
Performs static and Dynamic masking of data	Automatic discovery of sensitive data	Supports Deterministic Masking	Supports a variety of databases, file types and industry specific data formats



Product Overview

Infosys Enterprise Data Privacy Suite (iEDPS) meets enterprise privacy challenges by helping companies protect their private data. It is an easy-to-use, high performance, scalable and cost-effective data masking software to rapidly automate the privacy protection of confidential data. It replaces PII with realistic but false values so that it can be shared without risking theft of private information.

iEDPS is highly customizable and configurable. It supports both static

and dynamic masking. It has a rich set of over 80 out-of-the-box transformation techniques.

iEDPS includes test data management (TDM) features such as data subsetting which refers to creating a cut down version of the production database for non-production environments. This means that organizations can work with smaller and more optimized sets of non-production data thereby saving time, effort and cost.

iEDPS supports a shared services model by providing workflow based demand management and centralized reporting

features. In addition, it has a central repository for all masking configurations and supports integration with version control systems like SVN.

Loaded with deterministic, selective, dynamic and static masking tools, iEDPS can be deployed on any platform. It supports major databases such as DB2, Oracle, and any JDBC compatible database or a data warehouse. It supports file types such as fixed record, XML, domain specific formats like SWIFT, CHIPS, EDI X12, middleware messages on TIBCO, Websphere, MQ and MSMQ and packages like Siebel, PeopleSoft and Facets.

Key Features

Sensitive Data Discovery : Identifies the data stores or entities that store sensitive PII within the organization.

Big Data masking : Supports masking of HDFS files and Hive databases within Hadoop ecosystem.

Dynamic Masking: Mask the production data on-the-fly as it moves from secure production environment to business applications residing locally or remotely. Mask the data based on location and role of the business application user.

Platform Independent: Run the product on multiple platforms to cater to the entire organization's needs.

Selective Masking: Mask a subset of data using regular expressions for speed and efficiency.

Multiple Algorithm Support: Multiple transformations to cater to wide ranging needs such as anonymization and pseudonymization. These include encryption, hashing, substitution, tokenization, shuffling, lookup transformation, number masking, data masking, character masking, string translation and masking special fields like SSN, credit card and CUSIP.

Synthetic Data: Generation of synthetic data based on configuration

Subsetting: Create smaller targeted copies of production data based on specified subsetting rules.

Workbench: Powerful graphical workbench to model masking configurations containing data sources and rules. Easier maintenance due to versioning support.

Batch Processing: Masking can be executed from command line in a batch mode. This can be scheduled at lean times using the operating system scheduler.

Project Configurations: Enables split masking configuration into separate projects to manage complexity and reuse.

Relationship Builder: Provides user control to define referential integrity relationships.

Central Repository and Multi-user Support: Enables centralized management of all enterprise data masking needs.

Central reporting: Configuration and execution reports can be generated.

Workflow Management: Automates governance processes related to data masking.

Business Benefits



Experience Center

Visit our Experience Center and 80-acre campus in Bangalore

Ensures Data Protection: iEDPS ensures protection of sensitive data across production, test and development environments. Maintaining data privacy avoids costly consequences of data breaches and frauds.

Consistency and Standardization: iEDPS follows a consistent and standard method of masking across all databases in the enterprise. This results in uniform de-identified data that complies with business rules.



Innovation Workshop

Explore the 7 major themes and how you can address them

Single Solution for the Enterprise: iEDPS supports a wide range of data sources and can be easily extended to support any new data masking needs.

Gain from Outsourcing Opportunities: By providing reliable masking of sensitive data, benefits from outsourcing/offshoring can be derived.

Legal Compliance: Using scrubbed data ensures compliance with privacy regulations and helps avoid penalties and other serious consequences.



Custom Health Check

Use our consultants to health check your IT strategy

Availability of Test Data: Ensures availability of high quality anonymized test data thereby improving quality of testing.

Cost Savings: iEDPS can be quickly deployed to automate masking of sensitive data, thereby achieving high productivity that allows to free resources for other business purposes thereby saving costs.



iEDPS has many successful implementations to its credit, across industry verticals as well as geographies. Some of these include a leading Canadian financial services company, a large US healthcare player, a large European bank and a leading aerospace company.

For more information, contact askus@infosys.com

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