DataVantage GLOBAL®

DataVantage Global®: An Enterprise Data Masking, Data Management & Compliance Solution for Distributed Environments

A Cost-Effective Solution to Manage, Mask and De-Identify Data Safely to Help Prevent Data Breaches

DataVantage Global® is a cost-effective solution to mask and de-identify data safely and efficiently to help prevent data breaches while providing facilities for data browsing, viewing, editing, sub-setting and more. This enterprise-wide data privacy solution operates in distributed computing environments to manage large amounts of data throughout an organization while protecting Personally Identifiable Information (PII) and private/sensitive company data that might otherwise be compromised during a data breach. Once masked, production data can be used safely for non-production purposes such as application development, testing, training and more.

DATAVANTAGE GLOBAL®

▸ Helps organizations pass security or compliance audits.

▸ Avoids expensive add-ons to existing data management tools.

▸ Offers easy installation and training.

▸ Alleviates concerns about who has copies of your production data.

Legal Protection from Data Breaches via DHS Safety Act Designation

Among all data masking software in the marketplace, only DataVantage Global® is designated as Qualified Anti-Terrorism Technology (QATT) by the United States Department of Homeland Security under the SAFETY Act. Should DataVantage Global technology be deployed by your organization against, in response to or during recovery from what the DHS has determined to be an Act of Terrorism and your organization's sensitive data is compromised as a result of a failure of the technology to perform, your organization receives immunity under the SAFETY Act from liability for third-party claims resulting from the breach. The liability protection afforded under the SAFETY Act applies to Acts of Terrorism both in the United States and in foreign countries if the terrorist act causes harm in the United States.

Data Masking and De-Identification Functions

DataVantage Global provides proprietary, built-in masking and de-identification functionality that is repeatable and irreversible:

- Cloaking returns an unconstrained replacement value of the same data type and size as the input value.
- De-identification returns a value selected from a replacement table.
- Unique de-identification returns a value selected from a replacement table but also guarantees that no replacement value will be used more than once, thereby ensuring that each masked value will be unique.
- Full range of options for Date Aging.

CLOAKING

Replaces all or some of the original value with a selected character OR replaces all or some of the original value with random characters of the same type (alpha with alpha, numeric with numeric)

Leaves punctuation and blanks intact.

EXAMPLES:

John Doe *becomes*
John XXX

SS# 123 45 6789 *becomes*
SS# 746 59 1247

DATA REPLACEMENT
Unique and Non-Unique

Replaces an existing column or data field with randomly selected data from a supplied dataset. Users can select different values from multiple datatasets. For example, one dataset can replace Social Security Number fields while another can replace Name fields.

EXAMPLES:

Steve Fine *becomes*
Matthew Simon

186 Solyo Heights Drive, Felton *becomes*
716 Alvarado Row, Stanford

CREDIT CARD MASKING

Preserves the first four digits of the number and randomizes the remaining digits.

Calculates a modulo-10 Luhn check digit which will result in a valid credit card value.

EXAMPLES:

5445003238601963 *becomes*
5445722603289167

30569309025904 *becomes*
30567833412911

Data Management Functions

DataVantage Global offers the flexible connectivity and management capabilities you need to support both production and non-production processes, while protecting sensitive information from threats coming from both inside and outside your organization.

DataVantage Global:

- Interoperates with almost any database or data server running Linux, UNIX or Windows.
- Integrates with enterprise work management tools through a flexible scheduling system.
- Subsets and samples data either with or without referential integrity with virtually no programming required.
- Advanced, encryption-based data masking algorithms can produce either repeatable or randomized results.
- Enables user-customizable masking and randomization implementation which may include calls to Data Base stored procedures and user-defined functions.
- Automates database metadata to generate solution components.
- Policy-driven functions can automatically generate components required for data masking and de-identification specification.

Contact us today to learn more about how DataVantage software can meet your data protection requirements. Call for a Webex demonstration, **877.704.0077** or **info@DataVantage.com**.

DataVantage®
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