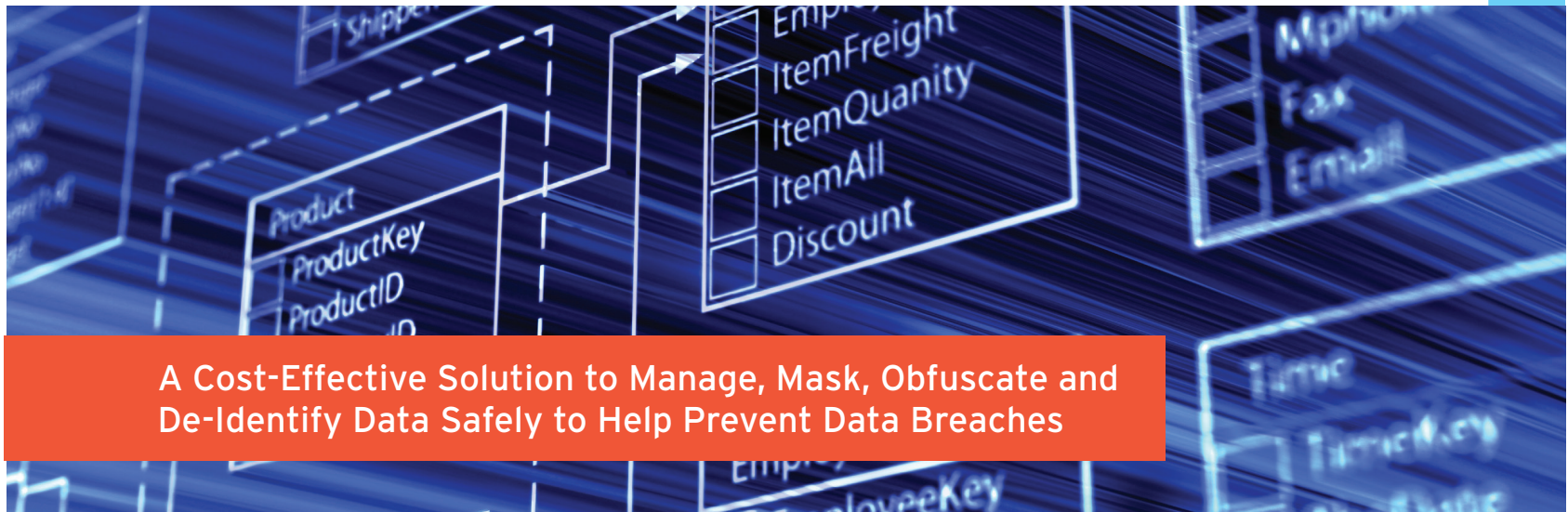# DataVantage

G L O B A L ®

DataVantage Global®: Enterprise Data Masking and Data Management for Distributed Environments

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

DataVantage Global® is a cost-effective solution to mask, obfuscate 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.

Data Masking and Data Obfuscation Functions

DataVantage Global provides proprietary, built-in masking and obfuscation 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.

Before Data Extraction & Obfuscation

First Name	Last Name	Area Code	Exchange	Access	Birth Date	Social Sec #
Jacob	Stoker	215	473	3489	1966-06-17	1967231004
Kevin	Sauer	631	673	0092	1957-08-23	206733191

Sampled, Cloaked & De-Identified Data

First Name	Last Name	Area Code	Exchange	Access	Birth Date	Social Sec #
Carlene	Capstock	515	246	1177	1972-02-06	8564082118
Susan	Decker	303	883	8789	1932-01-05	429095742

With virtually no programming, DataVantage Global users can extract a random sample of production data, then create and then obfuscate a new set of tables, resulting in a logically-intact set of data that can be used for any non-production requirement.

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 obfuscation 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®
Direct Computer Resources, Inc.

877.704.0077
www.DataVantage.com