

# Secure Your Distributed Data With DataVantage Global<sup>®</sup> for Effortless Compliance



Whether your organization is protecting customer data or handling proprietary information, DataVantage Global<sup>®</sup> ensures your distributed systems maintain optimal security, inside and out. Advanced encryption-based algorithms reinforce confidentiality, even in the event of a breach.

DataVantage Global eliminates the need for expensive add-ons to existing data management tools while delivering enterprise-wide functionality. Its intuitive installation and fast onboarding process accelerate ROI.

This comprehensive solution is designed to protect and manage sensitive data across distributed environments. With advanced masking and de-identification capabilities, this cost-effective tool empowers organizations to secure Personally Identifiable Information (PII) and confidential company data while ensuring seamless data processes for development, testing, training, data sharing, data analytics, and AI large language models (LLMs). DataVantage Global ensures cost-effective, compliant, and efficient data management, enabling businesses to maximize productivity while defending against internal and external threats.



## Data Masking

Built-in masking and de-identification functions ensure data is safe for use in development, testing, analytics, and AI ingestion.



## Data Management

Subset, sample, and process data while maintaining referential integrity across complex environments.



## Data Migration

Seamlessly transfer data across server platforms including Oracle, SQL Server, Db2, or CSV files.



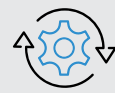
## Data Unification

Combine data from diverse database environments including Oracle, SQL Server, Db2, or CSV.



## Data Transformation

Modify data structures for analytics or AI training.



## Process Automation

Automate functions with internal or external task schedules to reduce manual intervention.

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# Advanced Data Management and Data Masking With DataVantage Global

Effortlessly subset, sample, or process data with or without referential integrity—no programming is required. Our flexible, policy-driven approach automates complex workflows to save time and reduce errors.

Other key benefits include:

- Proprietary masking algorithms deliver repeatable, irreversible transformations.
  - o Options include cloaking, randomization, and date aging, preserving data integrity while masking sensitive values.
  - o Specialized masking for credit card information ensures compliance with the Luhn check digit standards, combining security with usability.
- Enterprise-ready integration allows users to connect to virtually any database or server operating on Linux, or Windows.
  - o Integrates with enterprise work management tools through robust scheduling options for streamlined operations.
  - o Enables customizable solutions using stored procedures and user-defined functions for unique business needs.
- Pass security and compliance audits with ease by safeguarding sensitive data.

## Process Automation

### Cloaking

Based on the data type (i.e., character or numeric) and length, this will fill a field with an encrypted value using an industry-standard technology, that makes the field's contents unintelligible

#### Examples

**Alan John Newman**

*becomes*

**1dj5x284f72st31rq8v9**

**SS# 123 45 6798** *becomes*

*SS# 5s2kfv9l7ksv*

### Data Replacement

Replaces an existing column or data field with randomly selected data from a supplied data set.

#### Examples

**Steve Fine** *becomes*

**Matthew Simon**

**186 Solyo Heights Drive**

*becomes*

**210 Worth Street**

### Credit Card Masking

Preserves the first four digits of the number and randomizes the remaining digits. Calculates a modulo-10 Luhn check digit that will result in a valid credit card value.

#### Example

**5445003238601963**

*becomes*

**5445722603289167**

## Why Choose DataVantage Global?

Trusted by enterprises worldwide for over 15 years, DataVantage Global offers innovative tools that go beyond data masking by optimizing operations and protecting critical assets.

From simplifying compliance to preparing data for advanced analytics or AI applications, this solution ensures your organization can manage its data with confidence while driving meaningful innovation.

## See for Yourself

Contact us at [sales@datavantage.com](mailto:sales@datavantage.com) to discover the power of DataVantage Global with a comprehensive demo. See how it transforms data visualization and editing, improves operational efficiency, and enhances data management.

Direct Computer Resources, Inc. is the owner and developer of DataVantage software, leading solutions that help organizations solve complex data management, security and governance challenges. For 40+ years, DataVantage software has supported hundreds of Fortune 500 and Global 1000 organizations with proven technology that now helps businesses navigate the complexities of AI, cloud, and digital transformation.