DataVantage®
FOR Db2

Ensure Compliance With Proven Data Masking and Management From DataVantage® for Db2

DataVantage® for Db2 gives organizations the ability to effectively mask and manage data, and ensure compliance in z/OS environments. The comprehensive solution protects even the most sensitive information while adhering to government and corporate regulations, enabling organizations to meet both external and internal policies.

The one-step data masking process is efficient and cost-effective, helping organizations protect and manage their data without limitations. With automated processes and easy-to-use tools, DataVantage for Db2 reduces the complexity of securing and handling enterprise data.

Set Up and Deliver Value in Just Hours

DataVantage for Db2 installs quickly, requiring only a few hours to set up, without disrupting existing workflows. With no need for custom coding, organizations can seamlessly integrate the software into their Db2 environment to start protecting and managing data right away.

Once installed, DataVantage for Db2 delivers immediate value, masking and managing data with ease. Powerful automation capabilities reduce manual effort, accelerate error correction, and improve overall efficiency. Organizations benefit from intuitive tools to maintain compliance, enhance productivity, and maximize resources.

Modern Data Management
Create, modify, view, or remove database objects, generate test databases with referential integrity, and resolve errors in production data to keep operations running smoothly.

Data Replacement Masking
Replace columns or fields with randomized data values from user-defined data sets to maintain the integrity of sensitive information for testing and analysis.

Credit Card Masking
Randomize credit card numbers but keep the first four digits intact to maintain valid card numbers while ensuring data privacy and security.

Comprehensive Data Masking Options
Substitute all or part of the original data with randomized or predefined characters while retaining the original data format.
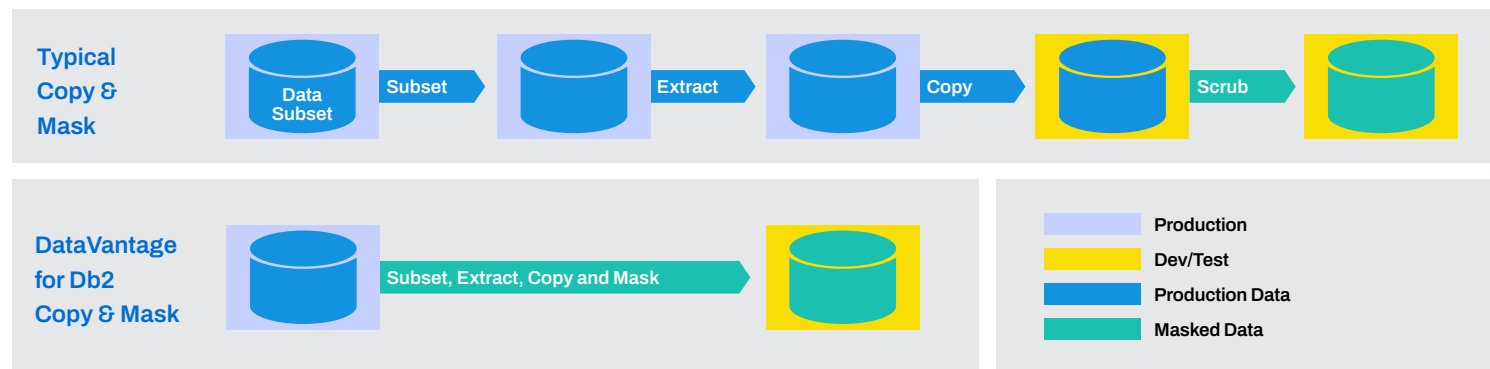
Efficient Data Handling
Easily subset, extract, copy, and mask data in a single streamlined process with the flexibility to operate in ISPF, batch, or other environments.

Enhanced Productivity
Automate tasks such as data sampling and extraction with repeatable processes and optimize performance with fast data set-to-data set copying.

DataVantage for Db2 Copy & Mask vs. Typical Copy & Mask

Typical Copy & Mask

Data Subset → Subset → Extract → Copy → Scrub →

DataVantage for Db2 Copy & Mask

Subset, Extract, Copy and Mask →

Production
Dev/Test
Production Data
Masked Data

Choose from several types of data masking, including:

Overlay

Replaces all or some of the original value with a selected character or with random characters of the same type—alpha with alpha, numeric with numeric. It leaves punctuation and blanks intact.

Example
SS# 123 45 6789
becomes
SS# 973 44 6125

Data Replacement

Unique and Non-Unique. Replaces a column or data field with randomly selected data from a supplied data set. Users can select different values for up to nine data sets. For instance, one data set can replace social security number fields while another replaces name fields.

Example
186 Solyo Drive
becomes
716 Alvarado Row

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.

Example
5445003238601963
becomes
5445722603289167

Why Choose DataVantage for Db2?

The ability to create full copies or subsets of tables across the same or different Db2 subsystems supports seamless data movement. It maintains referential integrity throughout the copy process with Db2-defined and application-defined references. The software safeguards relationships between tables during the copy process.

DataVantage for Db2 supports database management with a comprehensive suite of tools. It enables users to easily create, modify, display, and delete Db2 objects. The software makes the copy process efficient.

See for Yourself

Contact us at sales@datavantage.com to discover the power of DataVantage for Db2 with a comprehensive demo. See how it transforms data visualization and editing, improves operational efficiency, and enhances data management.

DataVantage®

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.

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DataVantage®
FOR IMS

Mask, Manage, and Secure Data in z/OS Environments with DataVantage® for IMS

DataVantage® for IMS enables businesses operating in mainframe environments to secure, manage, and fully leverage their IMS data. The advanced software protects organizations' data from breaches while providing cost-effective masking and management capabilities.

With DataVantage for IMS, organizations can protect and manage their data with simplicity and confidence. The solution delivers effective data protection to safeguard sensitive information before it leaves an organization's production environment.

Installs in Hours for Near-Instant Data Protection
DataVantage for IMS can be installed in just a few hours without any changes to ongoing business processes or impact to existing workflows. As a proven, fully integrated masking and management solution, it eliminates the need for add-ons or customized code to protect data.

Whether organizations want to browse, edit, subset, extract, or copy IMS data, DataVantage for IMS offers a secure and efficient solution. It runs in conjunction with a company's existing software to successfully mask and manage data.

Optimized IMS Data Management
Streamline complex data operations and quickly resolve data errors in production data with software that improves efficiency, reduces manual effort, and maximizes resources.

On-the-Fly Data Masking
Protect sensitive data by masking it before it leaves the production environment to ensure privacy, mitigate the risk of breaches, and reduce the risk of exposure.

Precision Overlay Masking
Substitute original data values with chosen or randomized characters while retaining the data structure to keep the overall integrity of the information.

Flexible Data Replacement Masking
Leverage user-defined data sets to randomize fields while maintaining accurate results for testing and other critical processes that need to use the data.

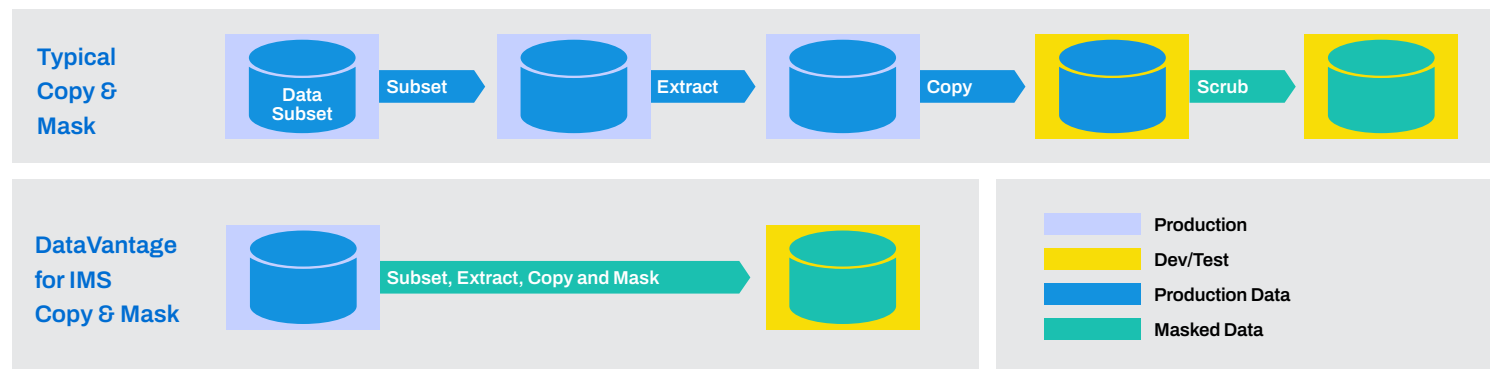### Trusted Credit Card Protection
Mask credit card data by randomizing all the numbers except the first four digits and preserve valid Luhn check digits for secure and accurate data processing.

Trusted Credit Card Protection
Achieve deeper, granular operational insights and streamline the management of IMS data with enterprise-ready features designed for efficient monitoring and oversight.

DataVantage®
FOR IMS

DataVantage for IMS Copy & Mask vs. Typical Copy & Mask

Typical Copy & Mask: Data Subset → Subset → Extract → Copy → Scrub

DataVantage for IMS Copy & Mask: Subset, Extract, Copy and Mask

Legend:
- Production
- Dev/Test
- Production Data
- Masked Data

Choose from 3 Types of Data Masking

Overlay

Replaces all or some of the original value with a selected character or with random characters of the same type—alpha with alpha, numeric with numeric. It leaves punctuation and blanks intact.

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Data Replacement, Unique and Non-Unique

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Why Choose DataVantage for IMS?

DataVantage for IMS ensures sensitive data is masked before leaving production to pass security and compliance audits without the need to request a waiver. Seamless integration avoids costly add-ons to existing data management tools while enhancing data security, reducing risk, and streamlining workflows.

Designed for ease of use, DataVantage for IMS installs quickly with minimal training, enabling teams to leverage it quickly.

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DataVantage® FOR VSAM

Protect and Manage Sensitive Data With Full Compliance Using DataVantage® for VSAM

DataVantage® for VSAM meets the unique and specific needs of Virtual Storage Access Method (VSAM) environments. Managing sensitive data in these systems requires security and efficiency, and the DataVantage for VSAM software delivers these capabilities at a competitive price. It simplifies data masking and management while ensuring compliance with regulatory standards.

The solution's modern approach to data masking, data handling, and data set copying enables organizations to protect their production data without interrupting workflows. Intuitive features help secure critical information and meet compliance requirements.

Fast Setup For Immediate ROI

DataVantage for VSAM installs quickly, requiring only a few hours to set up with no disruption to existing workflows. Custom coding is not required, enabling organizations to secure and manage their VSAM data almost immediately. An intuitive interface makes it easy to integrate into organizations' existing data management processes.

Once it's installed, DataVantage for VSAM automates key data operations, including sub-setting, masking, and extraction. Advanced masking capabilities protect sensitive information, such as personally identifiable information (PII), to ensure compliance and reduce the risk of data breaches.

Advanced Data Management
Easily create, view, modify, and delete VSAM data while efficiently generating test data sets for streamlined development and testing.

VSAM File Utility
Simplify file operations with innovative tools for efficient data management and processing, and benefit from fast data set-to-data set copying.

Span Multiple Environments
Operate effortlessly across ISPF and batch modes, ensuring flexibility and efficiency to meet unique and evolving workflow requirements.

Modern Data Masking Tools
Secure and manage data throughout the entire end-to-end copy process, ensuring privacy and compliance at every stage.
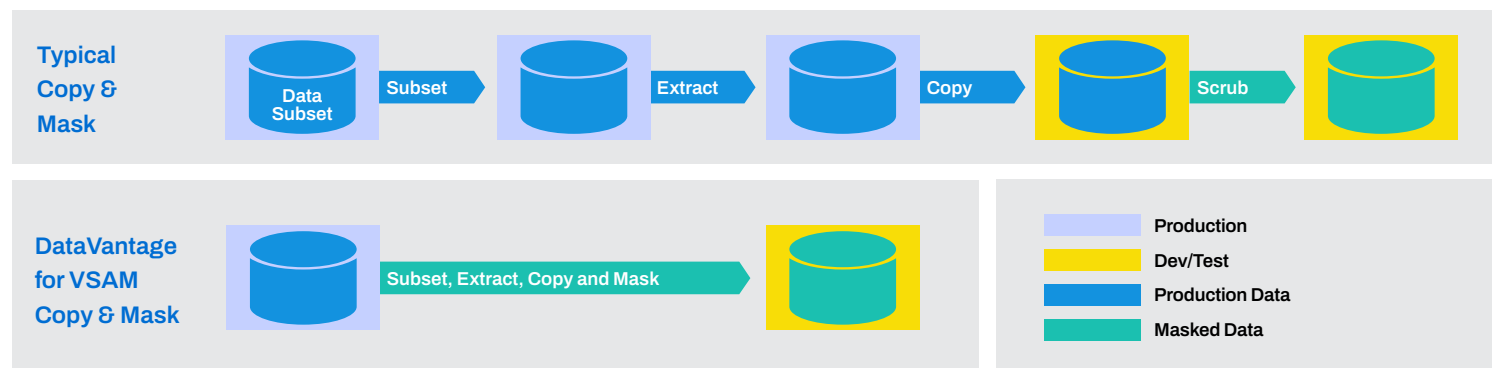
Efficient Data Extraction
Automate data extraction processes with precision, ensuring accuracy, consistency, and improved operational performance.

Audit-Ready Compliance
Meet regulatory standards using automated processes and modern compliance tools that safeguard data and maintain audit readiness.

DataVantage for VSAM Copy & Mask vs. Typical Copy & Mask

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Why Choose DataVantage for VSAM?

DataVantage for VSAM is designed to simplify VSAM data management with powerful tools for efficiency and security. Browsing and editing functions enable organizations to easily access and modify records. In addition, a copybook map enhances record management.

Beyond its core data management capabilities, DataVantage for VSAM offers flexibility by operating in both ISPF and batch modes. Its comprehensive VSAM File Utility simplifies complex file operations. Whether managing test data sets, securing and managing data, or maintaining compliance, the solution delivers reliability and efficiency.

See for Yourself

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