

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.

Connect with us

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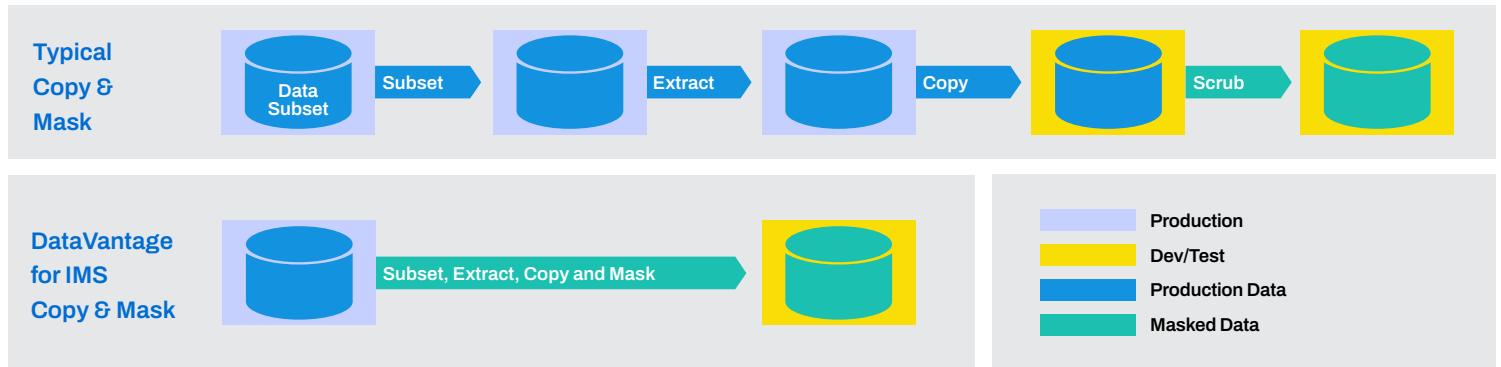
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DataVantage for IMS Copy & Mask vs. Typical Copy & Mask



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.

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 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.

See for Yourself

Contact us at sales@datavantage.com to discover the power of DataVantage for IMS 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.