Delphix Compliance Services for Microsoft Azure

Automatically De-Risk Cloud Data in Azure Data Flows

The cloud is filled with personally identifiable information (PII) and other confidential data, fueling privacy and security risk. Sensitive data from every production app flows to 10+ downstream systems for dev/test and analytics. Organizations often manage these risks manually—or sometimes not at all. Delphix Compliance Services for Azure automates data compliance and security to unblock data movement and accelerate innovation.

Simplifying Compliance with Azure Data Factory

Delphix Compliance Services (DCS) for Azure automatically masks PII within your Azure Data Factory (ADF) pipelines. ADF is a visual, code-free ETL "as-a-service" solution, including more than one hundred built-in data connectors. Delphix replaces sensitive data values with fictitious, yet realistic ones while also maintaining multicloud referential integrity. Organizations mitigate risk while ensuring analysts can easily and quickly consume the right data.

How it Works: Mask and Move Data in Three Steps

1. **Select source and target**
   Using a pre-built template, select sources and targets, leveraging over 100+ ADF-supported connectors, including SaaS applications and PaaS databases. DCS for Azure can mask data from any of these sources and provide masked data within Azure ETL data flows.
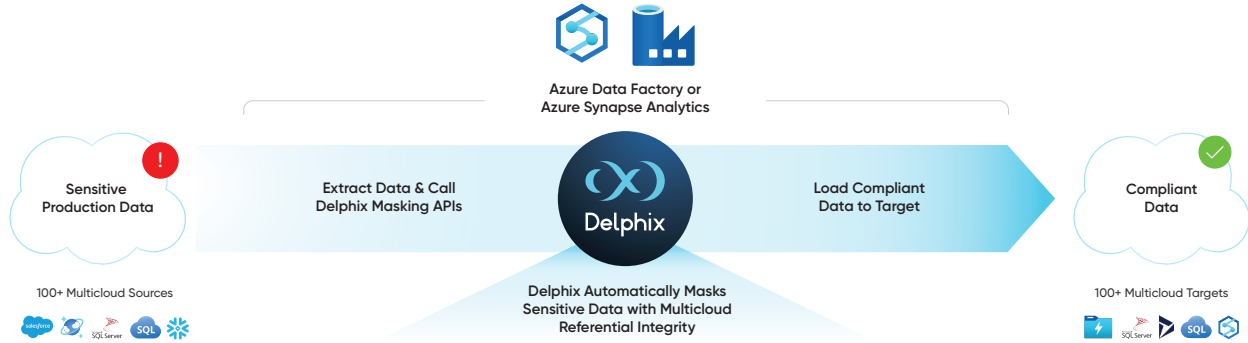
2. **Select compliance rules**
   Next, set the data values to be protected from within the ADF or Azure Synapse pipelines interface. Choose from a robust set of out-of-the-box masking algorithms, or define new or custom algorithms. These algorithms will replace sensitive data with fictitious, yet realistic values, and do so consistently across any ADF data flows you choose to mask.

3. **Run the data flow to deliver compliant data**
   Finally, run the ADF data flow to mask data prior to delivery to the selected target. Masked data maintains multicloud referential integrity, is production-like in quality, and remains fully functional for accurate analysis, development, or testing. The service can run any number of concurrent masking jobs to meet the scale needed for enterprise data movement.

Delphix Key Capabilities

» **Regulatory compliance**
   Automatically mask data governed by privacy laws such as GDPR, CCPA, and HIPAA

» **Frictionless data flows**
   Eliminate data bottlenecks by integrating compliance within Azure ETL flows

» **Analytics consistency**
   Mask and tokenize data with algorithms designed to preserve meaning

» **Multicloud referential integrity**
   Leverage the same secure algorithms across clouds and data centers

Azure Data Factory or Azure Synapse Analytics

Sensitive Production Data → Extract Data & Call Delphix Masking APIs → **Delphix** → Load Compliant Data to Target → Compliant Data

100+ Multicloud Sources

Delphix Automatically Masks Sensitive Data with Multicloud Referential Integrity

100+ Multicloud Targets

Feature Overview

» **Sensitive data discovery**
Automatically identify sensitive data fields subject to privacy and industry laws.

» **Automated masking within ETL data flows**
Apply masking rules to data within ETL streams to deliver compliant data where and when it's needed.

» **Quality data with realism**
Transform sensitive values into realistic yet fictitious data, to enable meaningful and accurate analytics.

» **Multicloud referential integrity**
Consistently mask data across PaaS, SaaS, and on-prem sources for improved quality of development and analytics.

» **Extensive masking algorithm library**
Use a comprehensive set of pre-built, customizable masking algorithms to accelerate compliance with privacy or industry regulations and corporate policies.

» **Incremental masking**
Mask only incremental data, using change data capture (CDC) functionality for supported connectors, such as Cosmos and Azure SQL. This accelerates pipeline speed and data refresh time while reducing storage space and costs.

» **Pre-built integrations and templates**
Use code-less templates and pre-built integration with ADF and Azure Synapse Analytics to automatically integrate data compliance into end-to-end data flows.

» **Universal multicloud connectivity**
Leverage 100+ ADF connectors to move compliant data where it's needed along with Delphix fast-start templates for key enterprise applications like SAP.

Delphix is the industry leader for DevOps test data management.

Businesses need to transform application delivery but struggle to balance speed with data security and compliance. Our DevOps Data Platform automates data security, while rapidly deploying test data to accelerate application releases. With Delphix, customers modernize applications, adopt multicloud, achieve CI/CD, and recover from downtime events such as ransomware up to 2x faster.

Leading companies, including Choice Hotels, Banco Carrefour, and Fannie Mae, use Delphix to accelerate digital transformation and enable zero trust data management. Visit us at www.delphix.com.