Data Control Tower

Multicloud Data Governance, Automation, Compliance

Navigating Multicloud Data Challenges

Managing data across the multicloud is complex, costly, and risky. Siloed approaches to managing data across application lifecycle environments, many containing sensitive and personally identifiable information (PII), prevent developers and data scientists from getting the data they need effectively and securely.

Govern Multicloud Application Data

Data Control Tower (DCT) is a single management plane to govern and automate application data for CI/CD at scale. Achieve operational control and visibility of test data across multicloud applications, databases, environments, and releases. Ensure data compliance in lower environments while reducing costs and enabling fast, quality software development.

Multicloud Data Governance
Delphix employs a data mesh architecture that enables data to be governed in zones to meet residency and sovereignty requirements. Each data engine can sync data locally, store data history and versions, and automate data delivery into lifecycle environments, unified under a single control plane that spans SaaS, public, and private clouds.

Central Control of Data Risk
Centrally manage data privacy compliance to reduce risks by detecting, masking, and rapidly delivering compliant data to downstream lower environments. Multicloud visibility and governance of sensitive data enable global discovery of vulnerabilities. Compliance orchestration at scale rapidly masks sensitive data, which is then automatically and safely delivered to developers and analysts.

Central Integration with Complex Toolchains
DCT provides centrally controlled, API-based automation and pre-built integrations with key tools such as Terraform and ServiceNow. Toolchain integration enables the delivery of multicloud data into dev/test for CI/CD, production functions like SRE and ransomware recovery, and ETL workflows for analytics and AI initiatives.

Key Features

» **Data Mesh Library:**
Sync and version control data in local nodes to meet residency and sovereignty requirements.

» **Governance and Insights:**
Compliant data access via catalog, tags, and attribute-based access controls enables teams to treat data as product and version control data independently.

» **Developer Experience:**
Delphix self-service provides a unified experience that allows developers to quickly provision, refresh, and teardown-compliant data from any connected engine.

» **DevOps Toolchain Integrations for CI/CD:**
Pre-built integrations with Terraform, Jenkins, and ServiceNow to automate data for CI/CD, analytics, and AI/ML workflows.

Governed Self-Service for Developers, Data Scientists

DCT offers developers, testers, and data scientists self-service data access via a catalog for multicloud data and data operations. Access is centrally governed using capabilities like data tagging combined with attribute-based access control. Data consumers can independently provision and operate on data when and where they need it in compliance with data governance policies and privacy regulations.

Central Automation of Ephemeral Data at CI/CD Scale

DCT accelerates releases with a central control plane to automate ephemeral multicloud data using over 100 data APIs. Core APIs include Provision, Refresh, Bookmark, Rewind, and Teardown to automate the ephemeral data lifecycle and Share and Branch for collaborative testing. This eliminates manual data bottlenecks, enables shift left for speed and quality, and minimizes storage and infrastructure usage.

Benefits

Reduce Cost

Eliminate manual taks with efficient, ephemeral data across clouds and at CI/CD scale.

Reduce Risk

Centralize data discovery, masking, and access to secure the data supply chain.
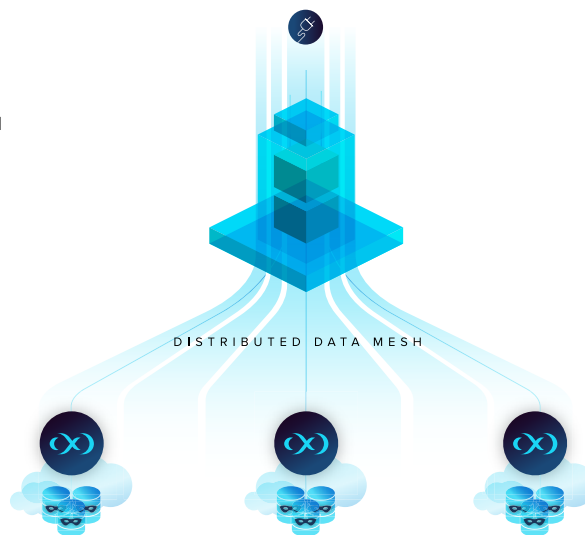
Reduce Time to Market

Increase developer productivity and shift left for speed and quality.

Data Automation

Pre-built DevOps integration + critical data APIs to centrally automate test data within CI/CD pipelines

- Provision
- Bookmark
- Teardown
- Branch
- Refresh
- Rewind
- Share
- Integrate

Data Compliance

Global sensitive data discovery and central orchestration of masking

Data Governance

Data library with catalog, tagging and attribute-based access controls (ABAC)

DISTRIBUTED DATA MESH

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.