

# DevOps Data Platform

Automate Data for Fast, Quality Test Data Management and CI/CD

Delphix governs data across on-prem and multicloud environments, enabling data compliance and automation across all application lifecycle environments. Our API-first data platform transforms application delivery with DevOps test data management (TDM), recovers enterprise applications in the event of a ransomware attack, and delivers compliant data into pipelines for analytics and AI/ML.

## How Delphix Works

The DevOps Data Platform from Delphix accelerates application projects, streamlines development value streams, and enforces data compliance through four key steps:

- **Sync:** Delphix software engines run across the multicloud and work for SaaS, PaaS, IaaS, as well as private clouds and on-premises systems. They continuously and non-disruptively sync data from enterprise applications into Delphix.
- **Govern:** Delphix catalogs data sources and versions, enabling protection and visibility of data through tagging and attribute-based access controls.

- **Discover and Mask:** Automated data discovery identifies personally identifiable information (PII) and other sensitive data, then applies masking by replacing sensitive values with synthetic ones for compliance with privacy and industry regulations.
- **Automate:** Easy-to-use data APIs enable teams to provision, refresh, rewind, share, and teardown space-efficient, virtual data copies for development, testing, analytics, or AI/ML

### Benefits\*

**560%** Average 5 Year ROI,

**\$15M** Average Savings

#### FASTER, QUALITY RELEASES

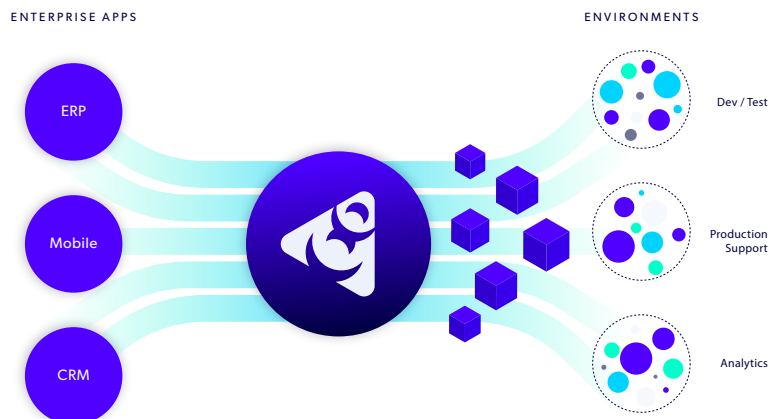
- 40% increase in development productivity
- 70% fewer errors in production applications

#### REDUCTION IN BUSINESS RISK

- 100% of non-production data masked
- Ransomware protection and recovery

#### BETTER RESILIENCY, LOWER COSTS

- 38% reduction in mean time to recovery
- 72% reduction in infrastructure cost
- \*Based on IDC study of Delphix customers



# Key Application Lifecycle Use Cases

## Compliant DevOps TDM: Fast, Quality Application Releases

Delphix helps customers at any point along the waterfall-to-agile-to-CI/CD journey. Instead of relying on slow, manual processes for provisioning and refreshing test data, teams use Delphix data APIs to deliver masked production data into environments for development, systems integration testing, and acceptance testing. Fast setup of data-ready environments supports early error discovery or “shift left” testing, giving developers feedback to quickly address issues and keep programs on time and on quality.

API	Description
Provision	Automatically deliver data to environment
Refresh	Update data with current production data
Bookmark	Save a version of data in time
Rewind	Revert data to a saved point in time
Teardown	Clean up, spin down data
Share	Provide data version to collaborator
Branch	Duplicate data to another environment
Integrate	Set consistent data for group of sources
Discover	Automatically discover sensitive data and PII
Mask	Mask sensitive data and PII for security and compliance

## Application Recovery and Site Reliability Engineering

With Delphix, businesses can recover production enterprise applications in the event of a ransomware attack, providing continuous data protection and enabling rapid recovery of

multiple applications for superior recovery times (i.e., RTOs) and near real-time recovery points (i.e., RPOs). Site reliability engineering teams (SRE) can also quickly stand up point-in-time data environments to troubleshoot application issues.

## DevOps for Analytics and AI/ML

Delphix can deliver compliant data into cloud pipelines for analytics and AI/ML training. Automated sensitive data discovery and masking for environments such as Microsoft Azure Data Factory enables businesses to mitigate privacy and security risks. Efficient data replication across clouds and on-prem data centers supports data residency and sovereignty requirements.

## Capabilities

Multicloud Data Governance, Compliance, and Automation

### MULTICLOUD DATA GOVERNANCE

- Sync data from SaaS, PaaS, IaaS, and on-prem sources into a distributed mesh library
- Version control data in local nodes for residency
- Tag and catalog data for enterprise-wide visibility
- Apply attribute-based access controls for protection

### DATA COMPLIANCE, SECURITY

- Discover sensitive data fields governed by privacy, industry laws
- Mask data by replacing with synthetic data, preserving referential integrity
- Use a comprehensive set of pre-defined and customizable masking algorithms
- Elastically scale to mask 100s of TBs, billions of rows

### FAST, QUALITY DATA FOR AGILE, DEVOPS, CI/CD

- Provision space-efficient, virtual data copies in minutes
- Instantly refresh, bookmark, rewind, or share data via API
- Integrate with DevOps, ITSM tools leveraging pre-built integrations
- Deploy ephemeral data for sustainable, efficient DevOps: setup, use, teardown