

# Delphix for DevOps

## Test Data Management

Achieve millions of CI/CD runs per month to deliver high quality software faster

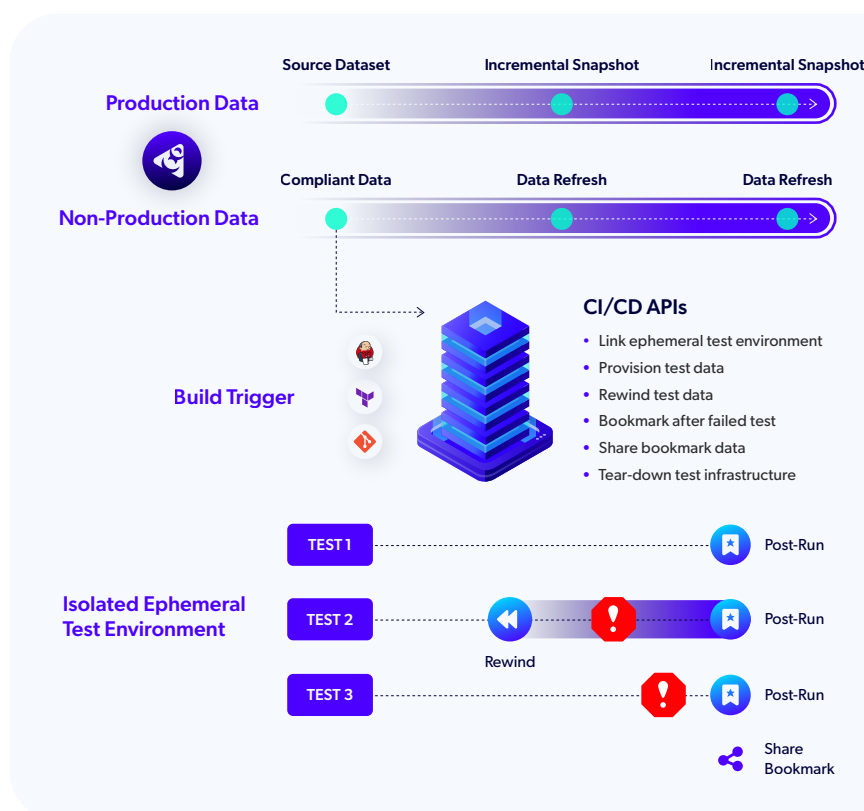
## Digital Transformation Requires a Modern Approach to TDM

Traditionally, organizations have gained economies of scale by centralizing test data management (TDM), often through the use of tools that subset, mask, and synthesize test data. However, with the adoption of DevOps, a new set of challenges has emerged. In particular, many software development teams still rely on a manual, ticket-driven request-fulfill model in which developers and testers often find their requests queuing behind others. These manual, legacy TDM approaches are completely incongruent with modern DevOps practices and CI/CD processes that depend on API-driven automation and fast feedback to development teams.

As a result, many of the DevOps benefits related to developer productivity and software quality remain constrained by slow, stale, and low quality test data. To address modern challenges, DevOps teams must expand past legacy TDM practices and automate data delivery to CI/CD pipelines via unified APIs.

### Deliver Realistic, Compliant Test Data in Minutes Not Days

Delphix provides an API-first DevOps TDM solution for multi-cloud environments that combines continuous data compliance with continuous data delivery. Ephemeral delivery of compliant data into unlimited parallel test environments unlocks Dev/Test/QA teams to build and run more exhaustive unit and integration tests without blocking shared data resources for adjacent teams. Administrators can also identify and protect sensitive data before provisioning to users through integrated data masking. Finally, the Delphix DevOps Data Platform provides software development and testing teams with data APIs—including the ability to refresh, rewind, bookmark, group, tag, branch, and share test data—to accelerate DevOps productivity and improve application quality.



## Features

### Sync with Any Test Data Source

Delphix works across all clouds and apps, synchronizing with multi-generational data sources to capture a complete record of data changes.

- Non-disruptive, continuous sync
- Connect to production data sources, backups, and staging replicas
- Efficiently store data with 100x space efficiency

### Easily Manage & Distribute Data

Efficiently version and distribute datasets to non-production environments.

- Instantly deploy enterprise data with greater cost-performance & speed
- Quickly sync, version, and distribute compliant datasets
- Easily deliver versioned datasets to anywhere in the multi-cloud enterprise

### Simplified Data Compliance

Automatically identify and mask sensitive data values to meet compliance for GDPR, CCPA, HIPAA, and more.

- Preserve referential integrity
- Produce realistic values for testing
- Predefined and customizable masking algorithms

### Transform Environments to Test at DevOps Speed

Use APIs to refresh to the latest data, rewind for cleanup, branch datasets, bookmark, and version data alongside code.

- Integrate data delivery into CI/CD pipelines
- Clean up data following destructive testing
- Spin up/down ephemeral environments

### Open and Extensible

Delphix provides APIs to manage data operations across multi-generational multi-cloud environments.

- Comprehensive set of REST APIs
- Integrate with CI/CD and monitoring tools
- Continuously sync with production data and refresh downstream

## Key Benefits

### Double Project Velocity

Automatically provision fresh, compliant, and complete production datasets. Run exhaustive unit and integration tests in parallel improving test speed so teams can collaborate with fast feedback.

### Improve Software Quality

Masked production data maintains real data handling situations for developers to exhaustively test their code and catch potential defects before production.

### Achieve Compliance

Identify and protect sensitive data in test environments to meet compliance with GDPR, CCPA, HIPAA, and other privacy laws.