Delphix for Test Data Management

Leverage a DevOps data platform to test faster and with greater confidence
TDM is no longer a back-office function, but a critical business enabler for digital transformation

**Slow, Manual Ticket Systems Impede Application Development Speed**

Many large IT 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 growing number of application projects, a new set of challenges has emerged. In particular, most TDM teams still rely on a manual, ticket-driven request-fulfill model in which testers often find their requests queuing behind others. These manual, legacy TDM approaches are completely incongruent with modern DevOps and CI/CD processes that depend on API-driven automation and continuous feedback to development teams.

As a result, many of the TDM benefits related to developer productivity and software quality remain largely untapped. To address evolving application development challenges, operations teams must expand the charter of traditional TDM to improve data distribution, automate manual processes, and enable API access.

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

Delphix provides an API-first data platform for the multi-cloud that integrates data compliance with data delivery. Populating environments with the right test data unlocks QA teams to run all the right tests, faster than before, using 90% less space than physical data. Administrators can also secure any sensitive data before provisioning to end users through integrated data masking. Finally, the Delphix platform provides testers with API data controls—including the ability to refresh, rewind, bookmark, and branch test data—to drive massive increases in productivity and application quality.

**Before**

Deliver in days/weeks

**After**

Deliver in Minutes
Features

Sync with Any Test Data Source
Delphix works across all clouds and apps, synchronizing with data sources to capture a complete record of data changes.

» Non-disruptive, continuous sync
» Connect to production sources, backups, subsets
» Efficiently store data with 100x space efficiency

Version Control All Datasets for Testing
Efficiently store and version control virtual datasets. Bookmark data and pair with specific test cases.

» Leverage space-efficient, complete copies of production
» Use masked, subsetted, or synthetic data when needed
» Easily add, delete, and share test datasets

Profile and Mask Sensitive Data
Automatically find then mask sensitive data values for GDPR, CCPA, HIPAA compliance and more.

» Preserve referential integrity
» Produce realistic values for testing
» Predefined and custom masking algorithms

Transform Environments to Test at DevOps Speed
Use APIs to refresh to the latest data, rewind for cleanup, branch datasets, 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, CLIs, and UIs to manage all data operations in any environment.

» Comprehensive set of REST APIs
» Integrate with CI, CM, and APM tools
» Connect to any data source

Key Benefits

Increase Project Velocity by 2x
Automatically provision realistic data. High-fidelity testbeds drive quality testing so teams provide fast feedback to developers.

Improve Software Quality
Shift left and slash data-related defects. Test with the correct, complete datasets delivered to environments at the right time.

Achieve Compliance
Find and protect sensitive data in test environments to comply with GDPR, CCPA, and other privacy laws.
Data is critical for testing application releases, modernization, cloud adoption, and AI/ML programs. We provide an automated DevOps data platform for all enterprise applications. Delphix masks data for privacy compliance, secures data from ransomware, and delivers efficient, virtualized data for CI/CD.

Our platform includes essential DevOps APIs for data provisioning, refresh, rewind, integration, and version control. Leading companies, including JPMorgan Chase, UKG, Choice Hotels, Michelin, and BNP Paribas, use Delphix to accelerate digital transformation. For more information, visit www.delphix.com or follow us on LinkedIn, Twitter, and Facebook.

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