

Data Control Tower

Centralize test data delivery automation across multi-cloud DevOps pipelines through a unified API control plane using Data Control Tower

Challenge: Multicloud Test Data

Today's DevOps teams require fast, compliant, and complete production data to debug, engineer, and validate new features. Although many enterprises have automated their CI/CD pipelines, data is still a slow and manual process creating significant bottlenecks for innovation.

Enterprise teams typically wait to use limited shared resources, wait for IT teams to manually deploy data, and wait until compliance teams can mask sensitive data for use in non-production environments.

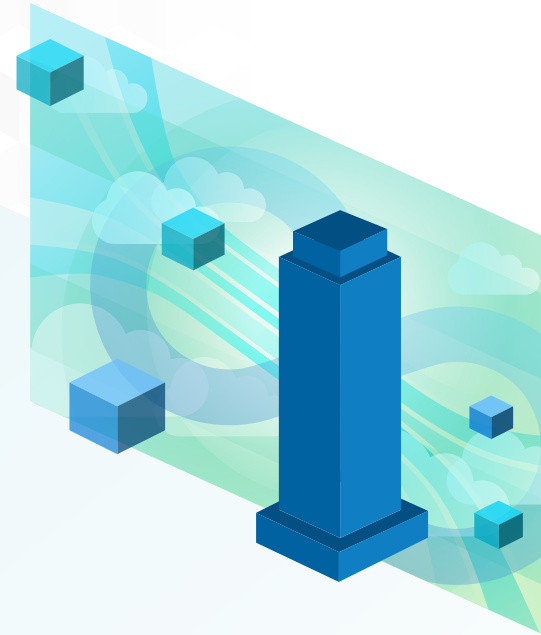
Legacy Test Data Management (TDM) tools and processes can't keep up with modern DevOps teams, and has forced most organizations to cut corners due to cost and complexity.

Solution: Unified APIs for Petabyte-Scale Enterprise Data

To accelerate software innovation with quality and compliance, Delphix Data Control Tower enables DevOps organizations to automate data in tandem with applications and infrastructure across multicloud environments. Using DevOps integrations with tools like Terraform, teams can easily deploy data-as-code alongside infrastructure-as-code in ephemeral environments.

Data Control Tower helps organizations accelerate DevOps initiatives by distributing compliant test data from any point-in-time to any location through a unified API control plane. Application Development and QA teams never have to wait for manual processes or for shared data resources to become available. Users can immediately start working with their own ephemeral data using a rich suite of modern APIs.

Data Control Tower is the main hub for the Delphix Devops Data Platform to centrally manage distributed Delphix Engines, environments, and test data across the enterprise. With Data Control Tower, IT operations teams can easily construct fully automated API-driven test data workflows that include centralized management of their petabyte-scale enterprise data. Managing data resources and capacity is simplified for IT Ops with tags, groups, and real-time reports.



Key Features

- » **Unified APIs:** Ephemeral deploy data from any point-in-time across distributed multi-cloud environments
- » **Centralized Data Management:** Centrally manage, distribute, and monitor enterprise data in real-time
- » **DevOps Integrations:** Deploy fully automated data with Terraform, ServiceNow, Github, GitLab, Jira, Jenkins, and Urbancode
- » **Compress Test Cycles:** Run more unit and system integration tests (SIT) faster in parallel with ephemeral test data

Benefits

Accelerate CI/CD with Unified Data APIs

A rich set of modern RESTful APIs enables DevOps teams to easily provision, refresh, bookmark, rewind, teardown, share, branch, and integrate multicloud data to their automated CI/CD pipelines. IT Operations teams can quickly tag, group, version, and distribute recent production data so application development teams can stay at maximum productivity.

Centralize Test Data Management

Using Data Control Tower and the DevOps Data Platform, IT Operations teams can greatly improve the speed and scale of data delivery to DevOps teams. Administrative teams can quickly build automated workflows to inventory, create, read, update, and delete ephemeral data environments. Utilization and capacity management is simplified with API enabled and emailed reports.

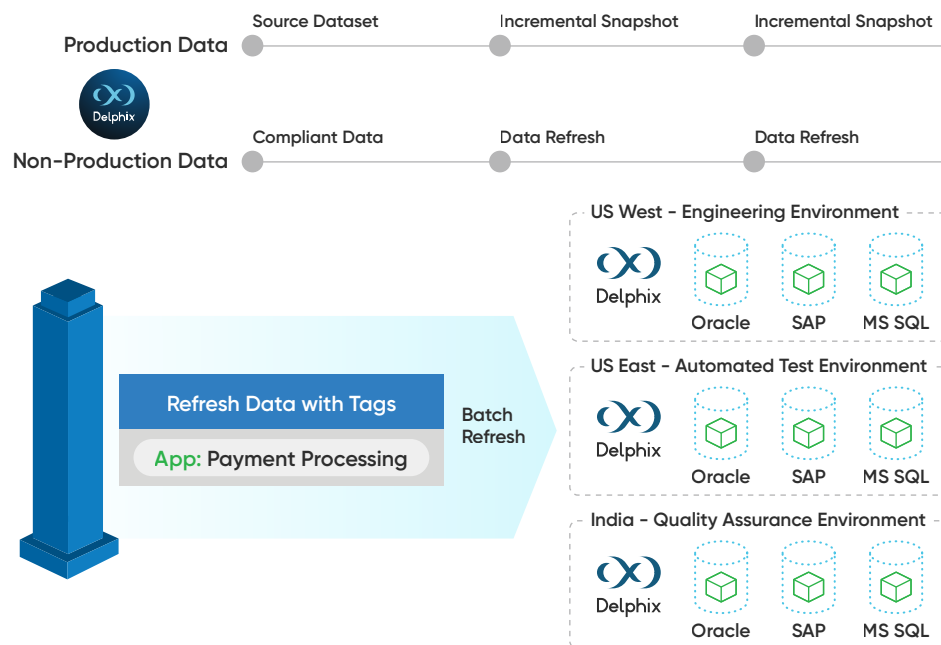
Integrate with DevOps Toolchains Natively

Data Control Tower natively integrates with modern DevOps CI/CD tooling such as Terraform, Jenkins, Github, Gitlab, Jira, and Urbancode making it easy for teams to quickly bring ephemeral data to existing application and infrastructure automation.

Compress Test Cycles

Using Data Control Tower and the Terraform integration, test teams can automate the ephemeral deployment of complete production datasets into zero-touch test environments. In addition, ephemeral data can easily be deployed to many parallel tests and automatically shared to break-fix environments using bookmarks after unit or integration test failures.

Workflow: Multi-Environment Data Refresh



Deploy and refresh test data into multiple ephemeral environments easily using Data Control Tower and Tags.



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. Follow us on [LinkedIn](#), [Twitter](#), and [Facebook](#).

©2022 Delphix