

# Delphix Data for DevOps

Complete the DevOps stack and  
accelerate application development

## Challenge

In today's high-performing DevOps workflows, everything is automated—except data. Data is often the slowest part of the DevOps pipeline due to manual ticketing processes and data privacy risk. But, when data can't keep up with the continuous integration and continuous deployment (CI/CD), these automated environments are not complete. As a result, legacy data delivery becomes a serious constraint in software development, either leading to massive drag on development timelines or severe degradation of final code quality.

In order to achieve the full benefits that DevOps promises, organizations must deploy cutting-edge data operations solutions. They need technology which makes data as lightweight, flexible, and scalable as every other layer in the DevOps stack, and they need all of these capabilities provided through intelligent automation and API controls.

## Solution

The Delphix Data Platform enables companies to release software faster by delivering virtual copies of data continuously through automated processes. Virtual copies can be delivered to end users 99% faster and using 90% less space than physical data. The Delphix platform enables developers and testers to make independent changes, via API data controls to refresh, rewind, bookmark, branch, and share data.

## Key Benefits

- » Automated data delivery removes the key roadblocks to a continuous deployment timeline.
- » Test effectively superior code requires superior testing. With production-quality Delphix data, catch every edge case, every time.
- » Ensure compliance by protecting all personal and sensitive data in DevOps workflows.
- » Collaborate readily with Delphix virtual data, environments have API controls to get the entire team aligned on the right projects.

With API integrations with existing DevOps tools and workflows, the Delphix platform makes it possible to stand up a complete development environment in minutes, deliver data states that are full and faithful copies of production, and automate testing to achieve CI/CD targets. Furthermore, integrated data masking makes all of this possible by ensuring that personal and sensitive information is fictitious, yet realistic in compliance with data regulations, such as GDPR, CCPA, HIPAA, and LGPD, and internal data security requirements.

## Features

### Accelerated Provisioning.

By automating the data-provisioning process, Delphix makes it possible to deliver in minutes what once took hours, days, or weeks. That means faster environments, paving the road to continuous deployment.

### At-Scale Delivery.

The DevOps revolution has fundamentally transformed developer needs. Where a developer could once get by with a single, or even a shared environment, today's processes require many parallel environments, for automated testing and other activities. The Delphix platform makes it possible to stand up many full copies in the space of one.

### API-First.

Delphix enables end users to perform API-first data operations, removing the dependence on operations staff and ticketing queues.

### Branch and Version Data Like Code.

In DevOps-driven organizations, developers often work on many code versions in parallel as they try out new features or support a range of existing software. Delphix makes it possible to fork development environments, whether to add a new data type for a proposed feature or to track the varied types of data in production.

### Before

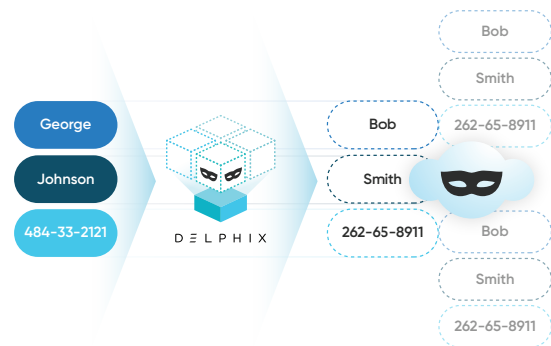


### After



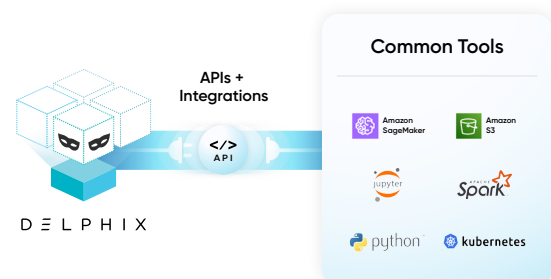
### Integrated Data Compliance.

The risk of data theft is substantial, and it is growing. And dev/test environments with API access to secure data, are a major target. Integrated data masking allows developers to get the data they need, without putting the company or customers at risk. Masked data is fictitious, but realistic and keeps referential integrity to any source where the masked data exists.



### Supported Integrations.

Delphix's APIs make it easy to build custom integrations for any DevOps tool an organization uses. Ruby and Python toolkits facilitate scripting these integrations. Further, existing toolboxes for Jenkins, Chef, and automatically deliver true plug-and-play capabilities.



## DELPHIX

Delphix is the industry leading data company for DevOps. Data is critical for testing application releases, modernization, cloud adoption, and AI/ML programs. Delphix provides an automated DevOps data platform. Delphix masks data for privacy compliance, secures data from ransomware, and delivers efficient, virtualized data for CI/CD and digital transformation. Delphix provides essential data APIs for DevOps, including data provisioning, refresh, rewind, integration, and version control. Delphix supports all apps from mainframe to cloud native across the multi-cloud, including SaaS, private and public clouds. For more information, visit [www.delphix.com](http://www.delphix.com) or follow us on LinkedIn, Twitter, and Facebook.

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