Delphix For DevOps

Complete the DevOps stack and accelerate application development

CHALLENGE
In today’s high-performing DevOps shops, everything is automated—except for the data. But without data, 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 developer self service.

SOLUTION
The Delphix Dynamic Data Platform enables companies to release software faster by delivering virtual copies of data, on demand. Virtual copies—packaged into personalized data pods—can be delivered to end users 99% faster and using 90% less space than physical data. The Delphix platform maintains a single data pool, and allows all users to make independent changes, presenting them with independent pods along with dynamic data controls to refresh, rewind, bookmark, branch, and share data at will.

With advanced integration 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 while improving, rather than threatening, 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.

**Self-service operation.** Delphix enables end users to perform few-click 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.

**Integrated data security.** The risk of data theft is substantial, and it is growing. And the self-service developer, with independent access to secure data, is a major target. integrated data masking allows developers to get the data they need, without putting the company or customers at risk.

**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 Automic deliver true plug-and-play capabilities.

KEY BENEFITS

- **Deploy daily** Delphix data acceleration removes the key roadblocks to a Continuous Deployment timeline.
- **Test effectively** Superior code requires superior testing. With high-quality Delphix data, catch every edge case, every time.
- **Collaborate readily** With Delphix virtual data, environments have the flexibility they need to get the entire team aligned on the right projects.

ABOUT DELPHIX

Delphix’s mission is to free companies from data friction and accelerate innovation. Fortune 100 companies use the Delphix Dynamic Data Platform to connect, virtualize, secure and manage data in the cloud and in on-premise environments. For more information visit [www.delphix.com](http://www.delphix.com).