



Delphix DevOps Data Platform for State and Local Governments

Deliver critical initiatives and citizen services faster with automated access to compliant data

State and local governments continually strive to improve services for their communities and create better experiences for their citizens. With tight budgets and increasing demands, agencies must quickly adapt IT and data security strategies and processes. They look to Delphix to help efficiently and cost-effectively release transformative digital projects.

Manage Data with the Same Speed and Agility as Code

Agile development practices and increasing cloud adoption have given rise to automation for code, compute, and storage. With unparalleled flexibility, application teams can establish repeatable software delivery processes to optimize development workflows and improve productivity.

However, the data pipeline that feeds dev and test environments is bottlenecked by legacy ticketing systems and manual hand-offs that continue to impede release velocity. And while production data is heavily guarded, sensitive citizen data in sprawling non-production environments is often unprotected simply for reasons of cost and convenience.

Delphix delivers secure data into non-production environments with the same level of automation as DevOps teams deploy code. By automating complex data operations and anonymizing sensitive data, data can keep pace with accelerated release cadences. Whether releasing new services, protecting citizen data, or harnessing the power of analytics, the Delphix DevOps Data Platform ensures fast and secure data access.



Improve Time-to-Value of Agency Initiatives with Automated Data Delivery

- » Reduce application errors with production-quality test data
- » Ensure DevOps environments comply with privacy regulations
- » Supply analytics projects with secure high-fidelity data
- » Support a Zero Trust strategy by anonymizing sensitive data
- » Recover from Ransomware attacks in minutes



Transform Application Development Environments

Delphix eliminates long standing data bottlenecks by automating data provisioning, rewinds, and refreshes. According to IDC research, Delphix customers report a 40% increase in application development productivity while at the same time reducing the number of errors per application by 73%.

Identify and Protect Citizen Data

Automatically profile and mask personally identifiable information (PII) wherever data resides—from mainframes to modern cloud platforms. Agency security teams can implement policies in accordance with privacy laws such as CCPA and HIPAA. The straightforward GUI interface that doesn't require advanced programming skills.

Contain Data Sprawl

Delphix database virtualization creates lightweight virtual clones that generate significant hard cost savings for development and testing environments. By efficiently sharing the underlying data blocks across read/write virtual databases, storage footprints in non-production environments are reduced up to 10x.

Recover from Ransomware Attacks in Minutes

The Delphix Ransomware solution continuously syncs data from source applications and databases, creating a “data vault” of undeletable copies of data. Flexible virtual databases ensure a backup is available for quick restore in case of attack. With continuous data protection, Delphix can recover data from any time, down to the second or transaction boundary.



Delphix supports many state and local government agencies by improving productivity and security for a wide range application development and analytics projects:

**State Department:
Election Integrity** One of the most important missions of the Department of State is to ensure the integrity of elections. A state election board leveraged Delphix to:

- » Provide secure on-demand remote training environments for election judges and other officials.
- » Protect citizen data in non-production environments during application resiliency testing prior to election day.

**Welfare Benefits Agency:
Automated Welfare
Eligibility System** As part of a massive data center consolidation and cloud migration effort, the state agency created one large application development ecosystem for the entire state's welfare system. Delphix automation was used to:

- » Efficiently migrate a 10+TB database to cloud-based test environments.
- » Increase development pipeline efficiencies and maintain compliance with privacy laws.

**Department of Human Services:
Child Support User Experience** Database virtualization and masking were a key component of a major IT modernization program to refactor an outdated child support system. Delphix helped achieve mission goals by:

- » Streamlining operating costs with a 95% reduction in development storage footprints.
- » Boosting the citizen experience by accelerating time to market of application innovations.

**Department of Health and Human
Services: Data Analytics** The department's mission is to improve the health and wellbeing of citizens through preventative programs, affordable healthcare, and improved provider results. Delphix helped support a major new analytics initiative by:

- » Automating secure data delivery to data scientists to support policy decisions that drive better citizen health behavior and outcomes.
- » Maintaining HIPAA compliance in application environments of their online insurance portal or when sending data to third parties for further processing.

**Data Virtualization**

Space-efficient virtualization
reduces data footprints by 10x

**Data as Code**

Version control data to link
database state to change code

**Compliance**

Automatically identify and
mask sensitive data

**Multi Cloud Sync**

Sync diverse data sources from
any location for integration testing

**API-First**

Data delivery and security for
automated DevOps workflows

**Immutability**

Time travel data to any point in
time and automatically rewind



Delivering a Digital Campus Experience at the Nation's Largest 4-Year Public University

CalState serves half a million students at 23 campuses that was originally a decentralized data center model. Their multi-year centralization and cloud migration plan established a hybrid cloud model, balancing the performance of a private cloud on-premises with the flexibility of a public cloud.

The Delphix DevOps Data Platform brought data agility and operational efficiency to their cloud transformation project. To get their centralized IT services cloud-ready, their cloud-based app dev teams virtualized and masked test data on-prem for use in their test environments in AWS.

By automating data delivery, they reduced data provisioning of their 15TB production database to lower level environments from 12 hours to under 10 minutes. Identifying and masking sensitive data to meet CCPA requirements went from 6 months to less than 11 hours. And restoring data after destructive testing went from one day to 15 minutes or less.

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D E L P H I X

Delphix is the industry leading data company for DevOps.

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 UKG, Choice Hotels, J.B. Hunt, and Fannie Mae, 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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