Delphix For Guidewire

Increase business velocity with fast, secure data management

THE CHALLENGE
Guidewire application teams need to move fast, so they require high-fidelity data for development and testing. Yet, they are often operationally constrained by the slow, inefficient process of extracting, copying, and moving data from system to system. Some examples of the data-related challenges that Guidewire customers face include:

- High friction in development and testing processes. Environments are difficult, time-consuming, and expensive to create.
- Poor data quality. Leads to a large percentage of defects, driving up production support costs.
- Sensitive data in non-production environments. Exposes insurers to huge security risks.
- Ever-increasing storage costs. Triggers development team requests for more and more copies, creating outsize growth of data sources.

From claims processing and billing to policy underwriting and analytics, data constrains the ability of insurers to quickly deliver new Guidewire features that are core to the business.

SOLUTION
The largest property and casualty insurers in the world use the Delphix Dynamic Data Platform to speed up development and testing by virtualizing the data in their Guidewire applications. Delphix connects to the Oracle, SQL server, or DB2 database underlying a Guidewire application and creates a one-time, compressed copy. As source data is changed, added, or deleted, Delphix maintains a separate record of all changes down to the second. Instead of provisioning large, physical datasets, Delphix provisions fully-operational, virtual copies packaged into personalized data pods that require 90% less space. Since virtual copies are space-efficient, it is possible to create 10x, 20x, or sometimes even 100x copies in the space of one physical copy. Not only can these copies be refreshed or restored to any point in time in minutes, but they can also be masked to ensure that no sensitive data ever leaves production.
The Delphix Dynamic Data Platform improves the productivity and efficiency of Guidewire application teams:

- **Accelerated test cycles.** Delphix enables developers and testers to access near real-time data in minutes. Using Delphix’s self-service portal, developers can refresh and rewind data to any point in time without administrative involvement or support.

- **“Shift left” for earlier defect resolution.** Since Delphix provides unlimited data pods that can be refreshed instantaneously, many more tests can be run earlier in the development process using full, complete datasets. This enables higher test coverage, which eliminates late-stage data-related defects and significantly improves the quality of code released.

- **Faster production break/fix.** Guidewire teams often require historical, point-in-time data to resolve production defects. Delphix can provide data within an hour, minute, or even sub-second time window so that developers can more accurately triage and debug issues. Production support environments are also easier to set up since they require no additional storage.

For IT operations teams, Delphix reduces the cost and complexity of data management:

- **Streamlined development support.** Delphix remains in constant synchronization with a production source, eliminating the need to rely on complex batch jobs. From there, data can be automatically provisioned to another system in minutes, reducing the time and complexity of setting up an environment.

- **Improved data security.** Delphix takes a three-step process to mask sensitive data in non-production. First, Delphix uses a built-in profiling tool to determine where sensitive data lies. Next, Delphix irreversibly replaces sensitive data with fictitious yet realistic values while retaining referential integrity. Third, Delphix completes the end-to-end masking process with real-time auditing.

- **Storage savings of up to 90%.** With Delphix, virtual data copies take up a fraction of the space of physical copies, so there’s no longer a need to request more storage as new environments are added.

“The Delphix ROI payback period was six months, and was 194 percent of what we invested. Other benefits include elasticity in our Guidewire environment to do more testing with the same amount of resources, and the flexibility to do things in parallel, improving speed and reducing costs.”

**FEROZ MERCHHIYA**

CTO, CIGA (Guidewire and Delphix customer since 2012)

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**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).

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