

Delphix for Murex

Execute Murex Development Projects 2X Faster

Murex represents the IT backbone of many capital markets firms, supporting the entire trading lifecycle across multiple asset classes. In order to keep pace with evolving strategies, markets, and regulations, development projects to implement, customize, and upgrade Murex are critical.

Too often, data stands in the way of executing those projects at speed. To roll out new workflows, interfaces, and modules, Murex professionals need data for development and testing environments but are operationally-constrained by the slow, inefficient process of extracting, copying, and moving data. Legacy approaches can take days or weeks to deliver or refresh environments, making data the critical bottleneck to completing Murex projects on time.

Development and testing teams need to quickly deliver Murex benefits and features that are core to success including:

- Modernizing Murex Capital Markets apps and improving the trading experience
- Reducing risk modeling times and enhancing enterprise-wide risk management
- Releasing new Murex products, services, and integrations faster
- Moving MX.3 apps & data to cloud for continuous innovation, agility, and quick time to market

The Delphix DevOps Data Platform for Murex

The Delphix DevOps Data Platform connects to any database underlying Murex, and maintains an updated, versioned copy of that source. As source data is changed, added, or deleted, Delphix maintains an independent record of all changes down to the second.

Instead of provisioning large, physical datasets to non-production environments, Delphix provisions fully-operational, virtual copies packaged in personalized data environments that take up a fraction of the storage and can be quickly refreshed. Data environments can be delivered in minutes, and since they are space-efficient, it is possible to create 10x, 20x, or sometimes even 100x data copies in the space of one physical copy.

Delphix accelerates insurance modernization by drastically reducing the time to get compliant data for Murex development and testing projects. Delphix can eliminate 50% of your Murex project timelines by automating and accelerating the data operations that create bottlenecks. Through data virtualization, automated personal information protection, and API access to current data, the Delphix DevOps Data Platform reduces the time to release updates and new features.



The Delphix DevOps Data Platform removes critical data constraints, empowering Murex teams to complete upgrades faster, and quickly release features that transform risk management as well as front, middle, and back-office operations:

Accelerated Development and Testing Cycles

Delphix enables developers and testers to access near real-time data in minutes. Using APIs, developers can refresh and rewind data to any point in time without administrative support.

Reduced Data Compliance Risk

Delphix takes a three-step process to mask sensitive data in non-production. First, Delphix uses an automated profiling tool to determine where sensitive data lies. Next, Delphix irreversibly replaces sensitive data with fictitious yet realistic values while retaining referential integrity.

Earlier Defect Resolution

Since Delphix provides unlimited virtual data environments that can be refreshed instantaneously, many more tests can be run earlier in the development process using full, complete datasets. This helps eliminate late-stage data-related defects and significantly improves the quality of code released.

Faster Production Break/Fix

Murex teams often require historical, point-in-time data to resolve production defects. Delphix can provide data at sub-second or transaction-level granularity so that developers can more accurately triage and debug issues.

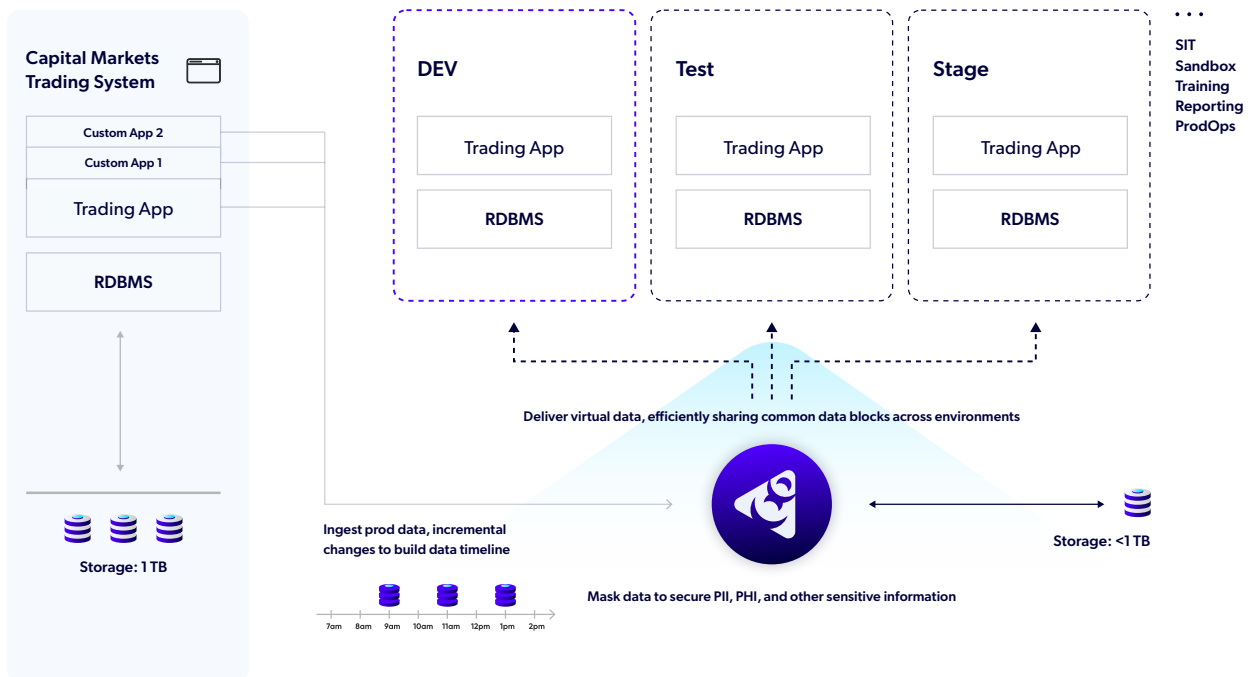
Streamlined Development and Support

Delphix stays in constant synchronization with a production source, eliminating the need to rely on complex batch jobs. From there, data can be automatically provisioned to dev, test, and reporting systems in minutes.

Storage Savings of Up to 90%

Virtual copies in data environments take up to a fraction of the space of physical copies, so there's no longer a need to request more storage as new environments are added. Delphix makes it feasible to maintain version-controlled archives of Murex data with fast retrieval.

Example: Delphix for Murex Configuration with Data Masking



Proven Solution

Large European Bank

Customization efforts to improve OTC valuation services were gated by slow data delivery: It took 2 days, on average, for developers to access fresh datasets. With Delphix, the bank now delivers TB-size environments in under 15 minutes to accelerate developer productivity while reducing costs—the bank projects to save 16 million euros in infrastructure and consulting fees.

Multinational Financial Services Holding Company

Doubled the number of data environments available—from 300 to 600—accelerating the pace at which it could perform the scenario analyses needed to improve trades, resulting in more efficient allocation of capital and enhanced profitability.

Large California-Based Bank

With Dodd Frank, CCAR, and other regulations driving new reporting requirements for a line of business generating \$850M in trades per quarter, this bank leveraged Delphix to double the number of environments available for risk analysis. Delphix reduced risk model time-to-market by 50% while providing a 3x hard return based on storage savings.