



Delphix for Healthcare

Enabling healthcare companies to accelerate innovation and stay competitive

Digital healthcare innovations are evolving at a rapid pace. Considering that global healthcare spending is expected to reach \$10 Trillion by 2022, it's not surprising that so many companies are entering the market and introducing disruptive digital solutions.

With rising competition, leading healthcare companies are embracing digital transformation to stay ahead. By moving applications and data to the cloud, healthcare companies are in a better position to accelerate application delivery for member/patient-facing services, mobile apps, and claims processing in order to achieve competitive initiatives such as:

- » Personalizing online member/patient experiences.
- » Providing faster, more efficient claims processing.
- » Accelerating modernization of core software, such as Cognizant's TriZetto® FACETS® and QNXT™.
- » Enhancing collaboration with healthcare ecosystem partners.
- » Adopting advanced programs such as AI/ML and VBC.
- » Securely sharing of EDI/EHR/EMR files.

All of these initiatives require secure data.

Radical data interoperability is a required foundational capability to enable health care providers, insurers, and other stakeholders to deliver patient-facing programs and associated technologies.

Deloitte, 2021 Global Health Care Outlook

Challenges to Healthcare Digital Transformation

Healthcare digital transformation initiatives rely on data, but could be stifled by the challenge of managing and accessing large volumes of member/patient data quickly, across the enterprise. In addition, strict privacy laws such as HIPAA can impede digital technology and cloud adoption if healthcare companies do not have an efficient way of protecting member/patient data.

Healthcare executives recognize these challenges to digital transformation. In a recent healthcare IT demand survey, 75% of healthcare executives said that they see data management as the biggest barrier to digital transformation. 63% of respondents say data privacy and security is their biggest challenge.

As data becomes the new healthcare currency and your most valuable asset, managing and protecting it will be key.

How Delphix Can Help

Delphix provides a data for DevOps platform that unlocks your enterprise data for transformational change and allows you to securely move and manage data whether on-premises or in the cloud, while protecting patient/member information.

Delphix enables faster provisioning of data for:

- » Core software updates
- » Integrations with healthcare ecosystem applications
- » Analytics and value-based care models
- » Disruptive technologies such as artificial intelligence

This leads to faster response to member/patient needs and requests and facilitates providing a more personalized customer experience.

Through the adoption of enterprise health clouds and the availability of applications that put data into the hands of the healthcare customer, we will be drowning in data.

Forrester's 2019 Healthcare Prediction Report



How the Delphix DevOps Data Platform Works

Delphix enables automated delivery of virtual, compliant data for DevOps processes including software development, data analytics, AI/ML, and integration with next generation applications.

With Delphix, healthcare companies can:

- » Deploy and update EHR/EMR, claims processing, and online patient/member applications faster, by delivering data for DevOps in minutes.
- » Protect patient information by identifying PII and PHI, then automatically masking sensitive data when used in software and application development, analysis, or sharing data with healthcare ecosystem partners.
- » Adopt and integrate with disruptive technologies by securely moving data to the cloud and easily provisioning data environments for AI/ML, value-based care analysis, and healthcare analytics.

Sample Data Sources

Claims Processing

ORACLE

EHR System

SQL Server

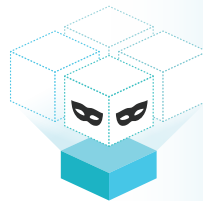
Member Portal



Patient Billing

ORACLE

Point-of-Care
Mobile App



D E L P H I X

Data Environments



Developers and Testers

Personalize patient experience via web, mobile apps



Data Scientists

Develop value-based care reimbursement models



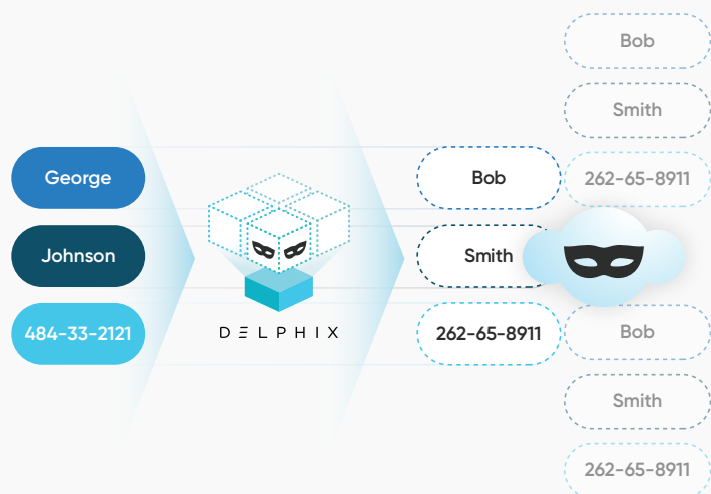
Business Analysts

Drive reporting, population health, and financial risk modeling

Data Masking

Delphix masking provides fast identification of PII, PHI or any sensitive information contained in the data. Once identified, Delphix masking algorithms can mask any text field, such as names, patient ID numbers, social security numbers, and phone numbers. Algorithms can be configured and customized to match specific security policies, ensuring the security of sensitive data before it is made available in non-production environments such as application development or data analysis.

Data masked with the Delphix platform is production-like in quality and remains fully functional and realistic, enabling the development of higher-quality code and more accurate analysis.



Data Provisioning

Delphix non-disruptively connects to the data sources you depend on and stays synchronized with them as they change over time. Then, Delphix provisions space-efficient, virtual copies of those sources automatically and in just minutes.

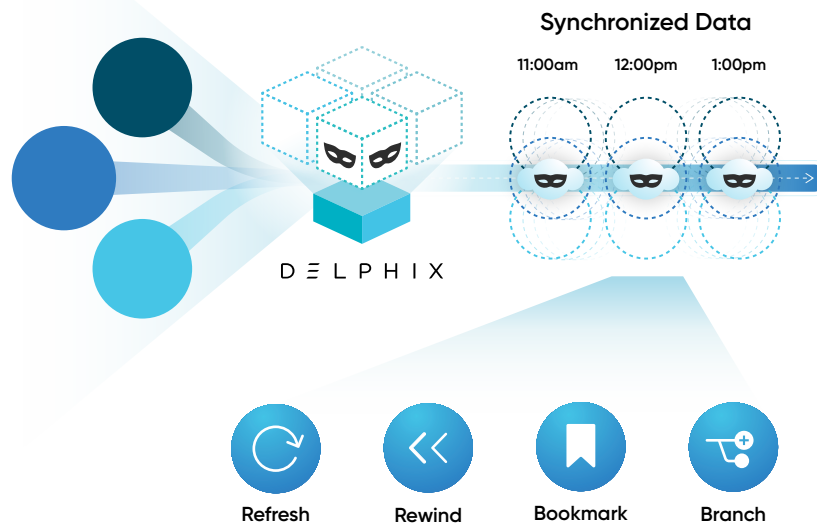
Data Integration

Delphix provides connectivity to any datasource and application from any generation and delivers integrated and synchronized data for development, testing, migration, and integration. By supporting all data types, from mainframe to noSQL, Delphix eases the burden of testing integrations between legacy applications and new applications.

API Data Controls

Once the secure data environments are provisioned, development teams and analysts are able to access the right data whenever they need it, for the environment they needed it in with control over:

- » Bookmarking changes for reference.
- » Versioning data sources.
- » Refreshing to the latest production data.
- » Restoring data to a point in time.
- » Branching for collaboration.
- » Sharing across teams.



Having secure enterprise data at your fingertips accelerates innovation and adoption of disruptive technologies and your organization becomes more competitive in the changing healthcare market.

Delphix Healthcare Customers

Top Healthcare providers trust Delphix to accelerate innovation and ensure data privacy compliance.

PRESBYTERIAN

With Delphix, Presbyterian slashed environment build times from 10 hours to 10 minutes.

“It used to take 50-some-odd days to develop an insurance product, to get that through configuration, development, and testing. That time frame has shrunk. **Now we can get a product to the customer in about 23 days.**”

Gino Pokluda
Manager, IT Service Management
Presbyterian Healthcare Services

ALBERTA BLUE CROSS®

Using Delphix, Alberta Blue Cross now completes database refreshes in just minutes.

“The impact of Delphix cannot be minimized. The troubleshooting processes we used would have taken multiple days per iteration without it. ...Instead, this project was a huge success.”

David Miller
Vice President and Chief Information Officer
Alberta Blue Cross

DELTA DENTAL®

With the Delphix platform and masking, Delta Dental reduced the time it takes to move data to cloud environments from 8 weeks to hours.

“Delphix transforms how we use AWS and increases our development velocity. When we implemented the Delphix platform within our hybrid cloud architecture, we immediately increased our ability to scale to meet new business requirements.”

Sai Adivi
Director of Application Development
Delta Dental

MOLINA® HEALTHCARE

With Delphix self-service data, Molina reduced the time to access data from 2-3 days to 9 minutes.

“In my four years as CIO here at Molina, **the best ROI of any technology investment** that I’ve made has been with Delphix.”

Rick Hopfer
Former Chief Information Officer
Molina Healthcare

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. 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 or follow us on LinkedIn, Twitter, and Facebook.

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