DE/PHIX™

MOLINA HEALTHCARE ACCELERATES APPLICATION PROJECTS BY 2X

Molina Healthcare positions itself for growth with secure, self-service data

MOLINA® HEALTHCARE

Industry
Healthcare

Products & Services
Managed care plans, medical clinics, health information management

Headquarters
Long Beach, CA USA

Revenue
$9.67 Billion

Employees
15,000

Background

Molina Healthcare (NYSE: MOH) is a Fortune 500 managed care company based in Long Beach, California. Molina's health plans serve more than three million members, primarily through government-based programs including Medicare and Medicaid.

Customer Challenges

With healthcare reform driving an explosion in membership, Molina faced increasing demands to effectively manage and deliver the data fueling business-critical applications. Massive data growth coupled with a need to increase the tempo of application projects created an imperative to address three key challenges:

- Business growth demanded faster upgrades and releases for key custom applications, as well as packaged applications such as ERP modules.
- To maintain HIPAA compliance and guard against data breaches, Molina needed to secure protected health information (PHI).
- Anticipating multiple petabytes of data growth, Molina looked to scale without damaging margins through storage expenditures.

Citing data management as a process bottleneck and the single largest driver of cost for IT, Molina chose Delphix to accelerate application projects, secure non-production data, and reduce infrastructure costs.

"In my 4 years as CIO here at Molina, the best ROI of any technology investment that I've made has been with Delphix" - Rick Hopfer, CIO

Solution

After a two week proof of value project, Molina executed a widespread rollout of Delphix Data as a Service (DaaS). In less than a year, Molina had virtualized nearly a petabyte of data. Within two years, Molina had implemented Delphix for all of its non-production environments including those used for development, testing, and business intelligence. Molina now utilizes over 6,000 virtual databases, which they provision and refresh in minutes. They have also introduced Delphix Jet Stream to allow end users to perform these functions as a self service.

In addition, Molina leveraged data masking capabilities from Delphix to secure PHI data in non-production environments, where 80% of sensitive data resides for most organizations. Molina used Delphix to mask and deliver secure data sets to downstream environments.

Key Benefits

50% reduction in application project schedules

3+ petabytes of storage savings

80% less surface area of risk for data breach

Results

Delphix helped Molina improve agility and security while also tempering IT costs. Secure, fast data delivery drove a dramatic increase in dev/test cycles, ultimately allowing Molina to decrease application project timelines by 50% - projects that used to be completed in 6 months were finished in 3 months.

- Molina reduced environment provisioning time from over a week to just 15-30 minutes. On average, Molina now deploys 100 virtual environments per day.
- Refreshes of multi-terabyte databases that once took 48 to 72 hours could be executed in 15 minutes with Delphix.
- Integrated masking for PHI data ensured HIPAA compliance in non-production environments.
- Molina realized over 3 petabytes of storage savings due to data virtualization efficiencies.
- Despite explosive data growth and a doubling of company size, DBA headcount remained flat.

Against a backdrop of incredible growth, Delphix played an integral role in allowing Molina IT to scale and meet business needs. Molina's future plans for Delphix include increased reliance on self-service data capabilities, and a further expansion of their DaaS footprint.