

LoanPerformance

INDUSTRY

Financial Services

SYBASE TECHNOLOGY

Sybase IQ

KEY BENEFITS

- Increased speed by an average of 8 times—and up to 100 times
- Queries over 10 minutes reduced from 16% to less than 1%
- Rapid implementation
- Cost effective on Linux® platform
- Scalable for users and data loads

LoanPerformance supplies risk management, financial analysis, and regulatory compliance capabilities to industry giants like Fannie Mae, Freddie Mac, Bank of America, JPMorganChase, Wells Fargo, and Washington Mutual. LoanPerformance's TrueStandings solution is a web-based analytics solution that provides real-time securities data. With Sybase IQ processing terabytes of data, on-demand reports and queries are now delivered eight to one-hundred times faster than before.

CUSTOMER PROFILE

LoanPerformance is a subsidiary of First American Corporation, a Fortune 500 company with over 30,000 employees, and revenues in excess of \$6.5 billion. First American manages the largest property and ownership database in the U.S., covering 94% of the U.S. population, and 97% of all mortgage transactions. A self-standing subsidiary, LoanPerformance provides state-of-the-technology predictive analytics and reporting capabilities to the world's leading financial institutions that invest or trade in mortgage risk.

BUSINESS CHALLENGE

An innovator in mortgage securities data, LoanPerformance was faced with growing their business and supplying solutions to increasingly demanding customer requirements while operating an efficient technology architecture. Adding new web-based capabilities and improving existing functionality of analytic applications were two additional drivers. As the central databases grew exponentially into the double-digit terabyte range, queries and reports were taking longer than anticipated, and customers grew weary of extended wait times for their information. One in five queries took longer than five minutes, and one in 20 queries would time out. In short, the IT team knew it was time to investigate alternatives beyond a traditional OLTP database, on which to run their mission-critical, predictive analytics applications.

SELECTION CRITERIA

Knowing the future success of the company would ride on their ability to deliver fast, accurate web-based reporting, the IT team developed their standards for the new solution. Simple queries must be delivered under one minute and complex queries under 20 minutes. They also required enhanced attribute capabilities, faster load times, and scalability for thousands of concurrent users and anticipated future data growth, both in fields and in record number.

WHY SYBASE?

During exhaustive head-to-head testing, Sybase IQ emerged as the leader in speed. Even with increasing numbers of concurrent users, speed requirements were exceeded. Other solutions, while meeting the baseline requirements, slowed dramatically when additional concurrent users were added. LoanPerformance selected Sybase IQ to allow the company to pursue their healthy growth plans while providing astounding performance on low-cost Linux hardware.

RESULTS

Installation of the new Sybase IQ system took only a week, and immediately delivered dramatic results. Queries over ten minutes were reduced from 16% to less than one percent. LoanPerformance also saw an average speed increase of 8 times—and up to 100 times—over the previous system, resulting in better customer service and better utilization of IT resources. Now LoanPerformance can continue to offer unparalleled web-based analytics services and information from the industry's largest, most comprehensive database at lightning fast speeds. So now, when an investor asks, "How does my mortgage portfolio compare over time with the market?" LoanPerformance can provide the answers. Online. Faster than they ever thought possible.