



NYFIX
New York, NY
www.nyfix.com

Industry:

Financial Services

Annual Revenue:

US\$117.5 million

Employees:

250

Oracle Products & Services:

Oracle TimesTen In-Memory Database

“Oracle TimesTen In-Memory Database provided us with the speed and reliability needed to meet the demands of our NYFIX Millennium customers in the U.S. and Europe. It helped us to accelerate transactions and has enabled us to achieve response times of less than three milliseconds—a significant improvement over our previous environment.” – Bill Torpey, Systems Architect, NYFIX

NYFIX Cuts Transaction Response Times to Less Than Three Milliseconds with In-Memory Database Solution

A pioneer in electronic trading solutions, NYFIX provides a variety of services, including NYFIX Millennium, an alternative trading system (ATS) that facilitates the anonymous trading of securities among financial institutions.

Challenges

- Ensure high performance of NYFIX Millennium ATS which facilitates swift and easy financial trading transactions between buyers and sellers
- Reduce system latency and ensure quick response time for online transaction processes to meet the needs of the company’s growing customer base and accommodate increased trading and transaction volumes
- Reduce IT complexity

Solution

- Implemented Oracle TimesTen In-Memory Database as part of the high performance architecture for NYFIX Millennium to ensure a fast and reliable ATS environment for U.S. and European clients
- Selected Oracle Times Ten In-Memory Database over competing solutions for its minimal system maintenance requirements and ability to ensure continuous, real-time support for NYFIX online transactions
- Maintained the company’s competitive-edge as a leader in the dark pool market by optimizing transaction execution—enabling NYFIX to process higher volumes of data and transactions with less latency
- Lowered transaction response times to less than three milliseconds for NYFIX Millennium—improving service levels