



Business intelligence solution helps investment banking major improve response time up to 30%

Client

Our client is an investment bank and brokerage firm based in San Francisco, California. It has offices in San Francisco, New York, and Charlotte. They offer capital raising, financial advisory, and risk management solutions, bulge-bracket trading and global distribution services, and objective research on global markets and growth sectors to corporations, institutional investors, financial institutions, and government entities. The firm is also a placement agent specializing in private equity placement.

Challenge

The client had an equity aggregation system designed to meet the requirements of sections 13 and 16 of the US Securities Exchange Act, 1934. The system aggregated and tracked positions from domestic data feeds. Due to new and changing regulations in the US and other countries, the client wanted to enhance the system to receive global data feeds. The system also had to comply with all global regulations in order to avoid penalties.

The new system required aggregation of data from 20 different feed providers across various time zones. The client wanted to establish a common data feed supply format that addressed the challenge of fluctuation in data arrival time from these varied time zones. Besides, the system had to be flexible to satisfy the filing rules of different securities exchanges. Data validation had to be constantly monitored to ensure 100% accuracy of the system.

Marlabs Solution

Marlabs proposed a business intelligence (BI) solution based on MicroStrategy. A team of Marlabs BI consultants worked onsite to study its existing system with reference to the new data model and collate all new requirements. After considering all the client requirements, Marlabs proposed a new data model, developed

MicroStrategy reports, and also undertook unit testing in the development environment. Data was aggregated using Informatica and loaded into an Oracle data warehouse after the extract, transform, and load (ETL) process. Marlabs provided support to move all reports into the production/user acceptance test (UAT) environment. All bugs in the existing system were also fixed.

Technologies

- MicroStrategy
- Oracle
- Informatica
- Windows Server

Benefits

- Complete and accurate domestic aggregation of international equity positions was achieved within the targeted time frame.
- The MicroStrategy reporting system helped meet the compliance regulations of the US SEC, New York Stock Exchange (NYSE), NASD, and UK's FSA.
- Response time of the system improved by 20%-30% since most of the calculation was performed at the ETL level while loading data into the Oracle data warehouse.

Marlabs helps drive digital agility for our clients. We deliver innovative business solutions using digital technologies such as cloud, mobile, analytics, Internet of Things, and social. With a dedicated team of over 2,100 associates, a network of delivery centers in USA, Canada, Mexico and India, and strong partnerships with industry leaders, Marlabs offers a wide range of IT services across industries. Through our emphasis on quality driven by CMMi, PCMM, ISO 9001-2000, ISO 27001 and SSAE 16 Type II best practices and a customer-centric client engagement model, Marlabs has achieved a dependable track record of meeting high standards of excellence in every customer engagement. This has resulted in several awards and recognitions, including being consistently ranked in the Deloitte Technology Fast 50 and Fast 500 programs. Marlabs is headquartered in New Jersey, United States.

For more information: please call us at +1(732)-694-1000 or email us at sales@marlabs.com • USA | Canada | Latin America | India | Malaysia • www.marlabs.com