



Enabling Multi Test-Case Scenarios for a **Leading Commodity Exchange in South America**

Sensiple offered PhiFIX, a FIX-based Testing Suite for a leading commodity Exchange in South America to perform multiple test-case scenarios for their trading infrastructure

Client Profile

A leading electronic securities and foreign-currency trading market in South America, started to operate in 1989, has more than 18 years' experience in the field of electronic financial transactions for trading both government and private fixed-income securities, foreign currencies. At present, they are a self-regulated entity supervised by the National Securities Commission.

Company Profile:

Sensiple Inc. is a world class FinTech solution provider based out of New Jersey, offering state-of-the-art technology solutions and IT services across BFSI Industry. Sensiple's expertise is built upon 2500+ man years of experience with center of excellence and dedicated R & D team. Sensiple was an early adopter of FIX protocol and it offers solutions to client's business needs across the entire spectrum of banking, financial operations and trading workflow complementing with latest technology which aids market participants to maintain a competitive advantage in the current scenario.

For more info, visit: www.sensiple.com

Challenges:

The client's existing FIX testing tool contradicted support for multiple test scenarios and the user interface was highly complex. Due to this challenges, they were looking for a reliable FinTech player to depend on for their infrastructure validation, and Sensiple Inc. offered its solution to solve these challenges.



How Our Product Helped

Sensiple offered suitable FIX Infrastructure testing tool with a customer-focused approach to support automation of FIX and FAST gateways protocol. The team promptly enhanced the application to meet the customized requirements over the existing FIX Test Suite.

Sensiple offered a FIX-based infrastructure validation tool, PhiFIX, which offers unprecedented scalability as multiple users may test with multiple use-cases simultaneously on multiple agents.

PhiFIX Test Suite is fulfilling the client's requirements in terms of usability for testing their FIX-based OMS, Market Data, Post-Trade and Drop Copy systems with more than 3000+ test cases which helped in seamless migration of all types of tests with multiple test scenarios. Multiple sessions can be created and it ran simultaneously. Also the tool can generate test cases from the log files is an added feature.

PhiFIX Test Suite can fulfill all requirements in terms of usability and the framework will help in achieving the personalized requirements in quick time for better and faster FIX Session testing to enable high frequency trading. The client recognized Sensiple's value-centric approach and tactical means provided for their business challenges.

Result

PhiFIX Test Suite is designed to undergo 3000+ test-case scenarios comparing with initial implementation with other market leader and it can protect against large-scale systematic errors. PhiFIX test automation allows functionality to be deployed to production faster, with higher quality and at a lower total cost of ownership.

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