

Case Study | CM | Buy Side



Algorithmic Trading System for Stock Broking Industry

About Client

An American stock broking company wants to implement an algorithmic trading system, to provide algorithmic trading solutions for their trading clients.

Technology Used

Java, Swing, TCP/IP, advanced data structures and algorithms

Business Benefits

- Able to generate profitable algorithm in real-time and slices the transactions to the market
- Increased profitability of trades
- High volume order handling in the system
- Increased customer base
- Simulation of trader algorithm with real-time market data

Business Challenges

- Customer wanted to develop an Algo-Trading System, which can be pluggable in to their existing order management system (OMS)
- By adapting the existing OMS standards and APIs
- Faster go to market for Algo-Trading
- Multiple priced feed and multiple destination integrations
- More profitable and advanced algorithms for order slicing

Solution Provided

- Developed pluggable algorithmic trading system
- Rich user interface to configure the complex algorithms
- Advanced decision making configuration
- Multi source market feed

