

# 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

