

Case Study | CM | Sell Side

Standardization of Exchange Connectivity Platform for Investment Bank

About Client

Top tier Sell Side Investment banking company wanted to standardize their exchange connectivity platforms using FIX protocol for Asia Pacific markets.

Technology Used

C++, Java, Multi-Threading, Complex algorithms and data structures, FIX Protocol, Transact Tools FIX Engine

Business Benefits

- Definition of single API for OMS, reduced complexity of operations and developments drastically
- Multiple protocol consolidated through standardized FIX connectivity platform
- Cross protocol and platform support
- DMA enablement in a short span of time
- Changes from exchange APIs not affecting internal OMS
- Core business changes was done at gateway level, improved TCO

Business Challenges

- OMS was using Multi-protocol conversion, different API integrations with APAC exchanges
- Multiple API integrations with OMS
- Complexity in managing gateways
- Complexity in managing changes with in API
- Expensive and bigger development teams
- FIX implementation using Transact Tools suite

Solution Provided

- Standardization of exchange connectivity platform
- FIX protocol support for multiple internal systems
- FIX protocol to exchange specific conversions using new exchange connectivity platform
- Exchange specific/FIX protocol format support for out bound connections

