

# Case Study | CM | Buy Side

## Single FIX gateway for Multiple Exchange Connections to Privately Owned Edge Fund Sponsor

### About Client

American Hedge Fund company wanted to integrate with Sell side brokers to route the orders to multiple destinations using FIX gateway.

### Technology Used

Java, Multi-Threading, FIX Protocol, Onix FIX engine

### Business Benefits

- Single FIX gateway for multiple exchange connections
- Faster migration due to standardization of FIX protocol
- Multiple FIX versions support
- Enabled high volume transaction processing
- FIX monitoring and support using standard FIX tools

### Business Challenges

- Customer wanted to integrate their order management system with Sell side broker to route orders to multiple exchanges
- Provided advisory services on the FIX APIs for multiple destination
- Developed a multi exchange FIX gateway to process multiple FIX sessions, for different destinations, for equity product, with different FIX Protocol Versions
- High availability and high volume transaction processing
- Recovery support for transactions

### Solution Provided

- Created high volume transaction processing FIX gateway
- FIX implementations for order management, trade management
- FIX API solutions and implementations
- Multiple destination support

