NYSE Technologies℠

TRADING SOLUTIONS

Direct Exchanges | ECNs / MTFs | Consolidators | Brokers

Feed Handler Suite

- Full market coverage including:
  - Regulated exchanges
  - ECNs and MTFs
  - Consolidators
  - Brokers
- Sub-millisecond latency
- Flexible symbology features
- Data normalisation
- Caching
- Value-added derived data

FH

Data Access and Reporting Tools (DART)

- Vendor neutral, exchange compliant entitlements system
- Comprehensive reporting on entitlements and usage
- Auditable database
- Usage logging
- Support for vendor specific reporting formats
- Supports all NYSE Technologies feed handlers
- Browser based user interface
- Open Entitlement API

Market Access Gateway Suite

- Line handlers to exchanges and ECNs/MTFs
- FIX adapter for connectivity
- Rules based order routing
- Real time GUI for monitoring
- MAMA Integration

API

MAMA

High Speed Market Data Backbone

NYSE Technologies' Data Fabric (LDMA, RDMA Infiniband, RDMA Ethernet and TCP), 29West Latency Busters® Messaging (LBM), TIBCO Rendezvous®

SuperBook & SuperTrade

- Aggregated order book from multiple centres of liquidity
- Value-added trade derived information across multiple trading venues
- Seamless fail over to redundant data sources
- Cross venue symbology mapping
- Consolidated view of activity across ECNs/MTFs and exchanges

SB

ST

Low Latency Apps

Middleware Agnostic Messaging API (MAMA) & Middleware Agnostic Market Data API (MAMDA)

- Sub-millisecond latencies
- Full generic pub/sub API
- C/C++, Java & .NET
- Group subscriptions
- Data quality
- Snapshot or streaming data
- Object based messaging
- CPU efficient
- Full Order Book support

MAMA

MAMDA

Application

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