

## General Overview

Object Trading provides buy side and sell side market participants with flexible, counterparty neutral Direct Market Access (DMA) infrastructure: the ability to offer traders a wide choice of electronic connectivity, execution venues.

Whether you are a proprietary trading group, fund, CTA, institution, broker, trading arcade, technology vendor or exchange, Object Trading's FrontRunner® suite gives you the flexibility to inter-connect and inter-operate your choice of front-ends, program trading systems, algorithmic engines, API and FIX connections.

With the breadth of its market access, Object Trading's FrontRunner® infrastructure, a light touch, high capacity, low latency solution, is now uniformly available using either its feature rich proprietary FrontRunner® API or via the industry standard FIX protocol for both Order Execution and Market Data. Market participants can enjoy micro second latencies under the supervision of sophisticated risk constraints with the minimum of up front effort.

Object Trading's FrontRunner® solution provides market participants with:

- Highly configurable low latency, high capacity, scalable infrastructure solutions for sophisticated, globally distributed trading applications. The FrontRunner® components include: integrated market data servers with real-time global price distribution capabilities via remote satellite price servers; order execution & management servers with shared order book capabilities and support for specialised order types and contingencies coupled with independent risk management with supervisory control.
- Flexible, counterparty neutral DMA infrastructure specifically engineered for ultra-high performance trading applications. Object Trading's FrontRunner® suite enables ultra-low latency and ultra-high frequency traders the ability to create and manage unique algorithmic strategies and deploy them on low latency DMA infrastructure, proximity hosted sites or co-locations for both high volume order execution and real-time pricing.
- An all-in-the-box solution for major international markets with integration via either a rich professional API or industry standard FIX protocol, allowing market participants to concentrate on their business rather than the challenges of building a technical infrastructure.

Object Trading, specialists in direct market access (DMA) for ultra high frequency buy side and sell side market participants, offers hosted trading environments, for its high throughput ultra low latency FrontRunner® order and market data gateways; providing traders with the ultimate access to exchanges such as the CME Group. Object Trading's FrontRunner® infrastructure satisfies the demand for ever lowering latencies while retaining full visibility of automated trade activity backed up with sophisticated risk constraints in a ready-engineered solution.

Co-located participants can:

- Minimize both the time to market and the up-front investment required to establish infrastructure and connectivity.
- Benefit from the ultra low latency performance of being hosted in key global locations, such as Chicago, and the ability to use easily and immediately accessible test-bed environments.

Object Trading's hosted solution also offers advantages to the clearing firms, since the clearer retains ultimate control of their clients' order flow, a mandatory requirement for effective sponsored access to exchanges.

Object Trading's hosted FrontRunner® suite provides clearing brokers with:

- Independent risk management controls at the gateways and drop-copy notification for all trade actions without impacting the trade execution times.
- The ability to view the risk stemming from client flows, to raise investigatory alerts and to stop orders if necessary. This allows the broker to retain responsibility and preserves the buy side/sell side relationship.