

Exegy Solutions for Proximity-Based Trading



- » *High-speed*
- » *One-price connectivity*

» Extreme Speed

The Exegy appliance can improve profitability of traders with proximity based strategies.

- » **Latency:** market data as low as 2 microseconds
- » **Performance:** one appliance can handle volume from all North American or European exchanges with no performance hit
- » **Hardware:** Virtual Order Book, including a Consolidated Price Book
- » Superfast Basket Calculation Engine
- » Support for hundreds of connections
- » **One Price:** Exegy clients can access all market data feeds for the same flat fee

Low Latency Market Data at One Price

Traders with proximity based trading strategies need low-latency connectivity to multiple markets. With support for all major North American and European equities, options, and futures exchanges, Exegy can normalize data formats, enrich, and deliver market data to client applications with latencies as low as 2 microseconds. In addition, Exegy's unique hardware-accelerated infrastructure is able to deliver all relevant high-speed data via a single high capacity 2U appliance.

Traders with a limited requirement for client connections, but a maximum need for speed can choose the Exegy Ticker Plant. Firms who need more connections for a wider set of applications can use the Exegy Total Connect with hundreds of clients enjoying the Exegy low-latency advantage.

Unparalleled Volume Capacity

With more markets come more data, and Exegy's hardware-based appliance provides the ability to handle enormous microbursts of data with no loss of latency. One appliance is able to handle all supported feeds, at the same time, even in peak periods. Since peak periods are also the ones with the most market inefficiencies, the ability to provide consistent performance has a material effect on most low-latency strategies.

Virtual Order Book, including Consolidated View

Exegy's Virtual Order Book offloads book building into the appliance hardware to present applications with multiple, selectable views, including a consolidated price view. Because one Exegy appliance processes all feeds in one device, even the consolidated book can be delivered with the same low-latency advantage.

Superfast Basket Calculation Engine

Arbitrageurs who take advantage of inefficiencies between different markets want connectivity to many exchanges, and the speed to take advantage of opportunities. Exegy's Basket Calculation Engine calculates the Net Asset Value of over a thousand baskets with hundreds of components, with no added latency.

Hundreds of Connections

Exegy Total Connect allows hundreds of application connections, while still providing latency only a hardware-based solution can provide. The Exegy Total Connect also offers all the familiar functionality of the Exegy Ticker Plant such as the Basket Calculation Engine, Virtual Order Book, Top-of-book BBO and user-defined BBO.

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Patent Statement: The Exegy Ticker Plant is protected in part by the following patents: US 6,711,558, US 7,139,743 and US 7,181,437. Other patents pending.

System Specifications

Forward Compatibility:

The C-based API is currently available for the following operating systems:

- » **Windows:** 32 or 64 bit. Windows XP and Windows 2003 R2 Server.
- » **Linux:** 64 bit only. Red Hat Enterprise Linux 4/5 or SuSE Linux Enterprise Server 10SP1.
- » Exegy can also customize the API for other operating systems

Connectivity and Integration:

The Exegy Total Connect supports a variety of network interconnects, including:

- » For Exchange Feeds a choice of:
 - Four 1 Gig Ethernet RJ-45 interfaces
 - Two 10 Gig Ethernet SFP+ interfaces
- » Multiple 10/100/1000BaseT RJ-45 Ethernet interfaces for management and monitoring support
- » InfiniBand 4X QDR available with Exegy Ticker Plant
- » Two 10G with SFP+ connectors with Exegy Total Connect

Technical Specifications

Exegy Ticker Plant

- » 2U Form Factor
- » 445 x 89 x 762 mm (17.5 x 3.5 x 30 in)
- » 27 kg (60 lbs)

Power & Heat Dissipation

- » 110~220 VAC auto-sensing
- » 900 Watts Max
- » 825 Watts Idle

Temperature & Cooling

- » Operating: 10°C-25°C
- » Storage: 70°C max

For more information, contact us at sales@exegy.com or 877.247.5534.

www.exegy.com