



Hundreds of Connections

# Exegy Total Connect

» *speed, power, functionality*

Latency Busters® Messaging from



## The Need for Speed

The need for speed for traders in financial markets is obvious. But up to this point in time only a limited few traders and applications have been able to enjoy the benefits of receiving updates in microseconds. However, the Exegy Total Connect brings **microsecond** latency to **hundreds** of applications from a single 2U appliance. This is a tremendous step forward for trading firms who are colocated with exchanges. Imagine over a hundred applications running and taking advantage of micro-movements in exchange data simultaneously. The power of the automated trader has just jumped to a new higher level.

## Introducing the Exegy Total Connect

The next generation hardware-accelerated appliance is specifically designed for market data from the ground up. This latest generation of the Exegy Total Connect is significantly faster than previous versions, is smaller, has more functionality and offers more connections.

- User-defined BBO
- Virtual Order Book
- Top-of-book Quotes
- Basket and Index Calculation Engine
- US, Canada and Europe; equity, options, and futures

Exegy Total Connect 3.0 is enabled by InformatICA's 29West Ultra Messaging® Latency Busters® Messaging technology. Exegy is also incorporating messaging products from other vendors, such as Solace Systems. Other messaging middleware systems can be incorporated as the need arises. Contact your Exegy representative for details.

### Exegy Total Connect Delivers:

- » **Power:** One appliance can handle volume from all North American or European exchanges with no performance hit
- » **Speed:** As low as 50 microseconds
- » **Depth:** Viewing not just the BBO, but also full order book and price view market depth
- » **TCO:** Operating from a single 2U, 19-inch, rack-mountable appliance
- » **Scaling:** Hundreds of connections for downstream applications incorporating InformatICA's 29West LBM messaging

## Inside the Box

The Exegy Total Connect includes the Basket and Index Calculation Engine that monitors up to a thousand portfolios simultaneously and facilitates extremely fast list trading, such as found with ETF and index arbitrage strategies. Also inside is the Virtual Order Book Engine, that incorporates all order book prices from all venues into multiple, selectable views. Its extreme capacity and speed constantly assures the best view of the electronic market. Integrated Top-of-Book processing allows clients to construct the very best prices derived from multiple Level 2 feeds into one coherent low latency stream.

User-defined BBO composites give traders the opportunity to easily create and modify meaningful Best Bid and Offer prices.

The Exegy Total Connect now has over sixty feed handlers built-in to the system and the list of exchanges is constantly expanding. Every feed handler is available to every customer without further charge. Every feed handler is kept up to date by the Exegy data team.

## Outside the Box

- » The Exegy Total Connect permits a greater degree of distribution, with hundreds of client connections.
- » The popular and easy to use Exegy API is available for all applications
- » The low latency fanout is assured by Informatica's 29West Ultra Messaging® Latency Busters® Messaging.
- » Additional messaging systems are being developed. Contact your Exegy representative for details.

## 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
- » Two 10G Ethernet interfaces for client connections
- » 10 Gig Ethernet with SFP+ connectors

### Technical Specifications

#### The Exegy Total Connect

- » 2U Form Factor
- » 445x89x762 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

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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; US 7,181,437; and US 7,552,107. Other patents pending.*

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