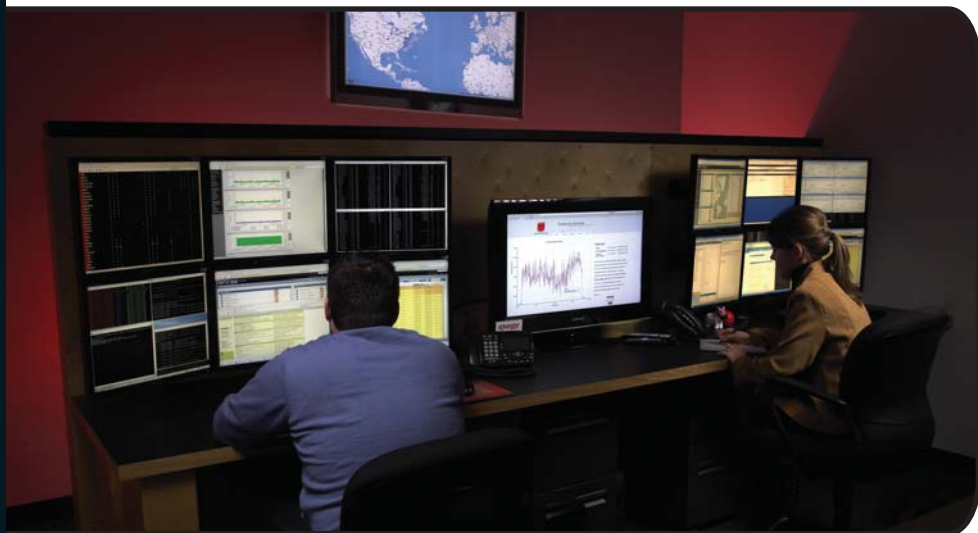


Exegy's Unique Technology

» Solving the need for speed and capacity



The Exegy Ticker Plant delivers:

- » As low as 2 microseconds
- » 8 million messages per second
- » A variety of in-depth, consolidated order book views
- » Simultaneous calculations of NAV for 1,000 indexes/custom baskets
- » Extra headroom for client-specified applications
- » Fast, efficient object-oriented API in C and JAVA

Moore's Law No More

Message rates are more than doubling every year, with new peaks every month. There is no end to this explosion in sight.

Moore's Law, the guiding force behind the semiconductor industry, is no longer the prototype for increasing microprocessor performance.

Conventional CPU clock rates cannot keep up with this exponential growth. Adding servers simply does not solve the latency and throughput problem that today's — and tomorrow's — market data rates create.

Colocation and the Exegy Ticker Plant

The breakthrough technology behind the Exegy Ticker Plant easily processes the flood of market data at record ultra-low latencies. Not only does it easily and consistently process the gyrating and growing volumes of market data, the Exegy Ticker Plant's single appliance provides extra headroom for a revolutionary Basket Calculation Engine, an in-depth Virtual Order Book and clients' custom algorithms.

How Does it Work?

The Exegy Ticker Plant is a massively parallel system that exploits a hardware-software combination to optimize processing. Exegy's patented hardware-acceleration technology incorporates the unique flexibility and adaptability of field programmable gate arrays (FPGAs).

Because it is hardware-accelerated, the Exegy Ticker Plant can process the exponentially growing volumes of data, maintain ultra-low latency, and continue to add the critical functionality required for colocated trading.

Hybrid Solution

The hybrid hardware-software solution defines the physical structure of a re-configurable hardware logic circuit, rather than a sequence of software instructions.

The Exegy solution provides a massive direct and pipelined parallelism that yields much higher overall performance when compared to other systems available today. Exegy's FPGA-based technology is dynamically reconfigurable, allowing many different system modules to be instantiated as data and system needs change, similar to the different subroutines of software-based systems.

Because of the significantly greater performance, the Exegy Ticker Plant allows for more user-based applications to be placed directly into the data movement path, enabling richer analysis, and ultimately, faster trade execution. The Exegy Ticker Plant is a leading indicator of where the most advanced ticker plant technology is headed.

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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.

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

Exegy Ticker Plant

- » 2U Form Factor
- » 445x89x762 mm (17.5 x 3.5 x 30 in)
- » 29.5 kg (65 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

