

The Exegy Ticker Plant Colocation Advantage

» The only ticker plant tuned for collocated trading



Key Features:

- » 80 μ s latency
- » 2 million messages per second
- » Robust set of equity, options and futures feedhandlers
- » Easy deployment in a small footprint
- » Fully integrated Virtual Order Book adds no latency
- » Fully integrated Basket Calculation Engine adds no latency
- » Complete Managed Service Plan

More Power, Ultra-Low Latency, for Collocated Trading

The Exegy Ticker Plant's ultra-low latency and high throughput creates a key advantage for traders who already have collocated trading applications. With the power to process 2 million messages per second, with 80 μ s latency, the Exegy Ticker Plant has the capacity to merge all of the market data from all of the trading venues in one 4U appliance.

The Exegy Ticker Plant enables the collocated trading application to have the fastest access to market data from the collocated venue in addition to the fastest, richest set of information from all other relevant venues including options and futures exchanges.

More Functionality, Same Ultra-Low Latency

The Exegy Ticker Plant adds important functionality for the collocated trading application. By fully integrating an in-depth Virtual Order Book (VOB) and powerful Basket Calculation Engine (BCE), Exegy leverages the collocation advantage. With ultra-low-latency data feeding the VOB and the BCE, the ticker plant collapses tiers of processing into a hardware-accelerated architecture running on a single 4U appliance. It is not that the functionality is new — every collocated application does something similar. It is the fact that the Exegy Ticker Plant can process all of the relevant data so quickly that provides the competitive advantage.

Building on the Colocation Advantage

Colocating at a trading venue without using this powerful new ticker plant cedes the low latency advantage to competitive traders.

After an organization has made the commitment to collocate, every advantage of collocation must be pursued. Old market data architectures, built for less latency sensitive applications, do not meet the performance needs of today's collocated applications.

Exegy has built a ticker plant that meets the extreme performance demands of the collocated trader. Building on the inherent advantages of the Exegy technology, Exegy has integrated, in a single ticker plant appliance, a powerful Virtual Order Book and Basket Calculation Engine. This combination of functionality, fed by ultra-low-latency data, offers the collocated trading application the means to extend the advantage of collocation to a larger portion of the trading pipeline.

Exegy continues to add to the ticker plant, eliminating the need for time-consuming processing downstream. Because of the enormous capacity offered by Exegy's technology, the Exegy Ticker Plant gives users the ability to use the ticker plant to host custom trading applications or third party applications.

This combination of speed, capacity and functionality, expressly built for collocated trading applications, is what makes the Exegy Ticker Plant the leading indicator of where advanced ticker plant technology is headed.

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

System Specifications

- » **Forward Compatibility** — The Exegy Ticker Plant 2.1 can easily integrate into existing systems through the use of its open API. The API is available in C or Java, and for the following operating systems:
 - **Windows:** Windows XP, Windows 2003 R2 Server
 - **Linux:** SLES 10, Centos 4.6, 5.1 or Red Hat 4.6, 5.1
- » Exegy can also customize the API for other operating systems.

The unique design of the API means that applications are able to achieve forward compatibility. Applications will work unchanged with all future versions of the Exegy Ticker Plant, even as data models evolve and the underlying wire formats change.

Connectivity and Integration

- » **Connectivity and Integration** — The Exegy Ticker Plant 2.1 supports a variety of network interconnects, including:
 - » Multiple 10/100/1000BaseT copper RJ-45 Ethernet interfaces for exchange feeds
 - » A single 10/100BaseT copper RJ-45 Ethernet interface for management support
 - » A single 10/100BaseT copper RJ-45 Ethernet interface for on-site monitoring support
 - » A choice of client network connectivity types:
 - InfiniBand 4X DDR
 - 10/100/1000BaseT RJ-45 Ethernet
 - 10GigE (fiber only)

Technical Specifications

Dimensions & Weight

- » 4U Form Factor
- » 445 x 178 x 762 mm (17.5 x 7 x 30 in)
- » 37kg (80 lbs)

Power & Heat Dissipation

- » 110~220 VAC auto-sensing
- » 500 to 600 Watts
- » 2046 Max BTU

Temperature & Cooling

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