

GENIUM INET TRADING

Scalable to the highest levels of trading

The Genium INET trading platform is designed to be one of the fastest and most functionally complete multi-asset trading systems in the world, providing marketplaces with the competitive advantage needed to succeed in today's global markets.

SETTING NEW STANDARDS

THE PLATFORM MARRIES EXTRAORDINARY PERFORMANCE AND EXTENSIVE FUNCTIONALITY TO MEET THE BUSINESS AND PERFORMANCE REQUIREMENTS OF THE FUTURE

SUPERIOR PERFORMANCE, ULTRA LOW LATENCY AND ROBUST FUNCTIONALITY

THE GENIUM INET TRADING PLATFORM EXCELS AT MEETING THE NEEDS OF MARKETPLACES WITH BROAD AND DIVERSIFIED BUSINESSES AND VERY HIGH VOLUMES

ITS MANY TECHNICAL ADVANTAGES AND SUPERB FLEXIBILITY PROVIDE MARKETPLACES WITH THE VITAL TOOLS NEEDED TO ENABLE GROWTH, INCREASE PERFORMANCE AND PROVIDE NEW BUSINESS FUNCTIONALITY

HIGH PERFORMANCE, PREDICTABLE LATENCY, ROBUST FUNCTIONALITY

Ultra-low and predictable latency, currently clocked at blazing fast sub-60 microseconds for order entry latency. Capacity is high volume, greater than 1,200,000* quotes/second or 250,000* orders/second.

Designed based on the specialized knowledge gained from powering 80 marketplaces worldwide, Genium INET functionality ranges from order book management to market maker capabilities and incorporates an extremely flexible definition of financial instruments, markets and trading rules - easily supporting multiple market models.

* Projected numbers using five matching engine partitions.



INTEGRATED, COST-EFFICIENT, MULTI-ASSET PLATFORM

Seamlessly integrates to Genium INET Clearing and can easily be integrated with any other system. Genium INET Trading and Clearing share the same database and operational tools so it is more efficient and less costly to maintain than separate platforms. Built on a low cost LINUX platform and run on a low maintenance commodity hardware base, Genium INET is highly cost efficient to test, deploy, maintain and upgrade. Genium INET Trading supports multiple markets simultaneously on a single platform - including all trading from traditional cash and fixed income securities, derivatives, commodities and energy contracts. The platform supports any standard instrument as well as tailor made derivatives and combination strategies.

STANDARD ACCESS, EASY MIGRATION PATH

A purpose built FIX package for marketplaces promotes efficient connectivity, interoperability and automation. Marketplaces that support HFT can provide connectivity to their participants via the industry standard ITCH market data and OUCH order entry protocols. The OMnet protocol, currently in use at 50 ISVs, is also offered as well as various de-facto standard protocols, primarily for post-trade processing. The platform protects most business functionality, API/integration and technical infrastructure investments of current CLICK XT customers - providing a convenient low-risk migration path.

FUNCTIONAL HIGHLIGHTS

- Superior instrument structure
- Supports multiple marketplaces in a single platform
- Complete market model support
- Comprehensive order type support
- Exceptional combinations support
- Built-in multi-level market protection

TECHNICAL PLATFORM

- HW/processor: Intel x86, 64 bit architecture
- O/S: Linux
- Database: Oracle or PostgreSQL
- Network: Gigabit capacity or better
- Built to scale up and out

DEDICATED PARTNER

For more than 40 years, Nasdaq has been a leader in creating electronic technology solutions for the financial industry. We have a long history of partnering with marketplaces worldwide to provide the strategic guidance, technology tools and ongoing support to help them meet their goals. With the Genium INET Trading platform, in addition to gaining an exceptional technology platform, marketplaces benefit from the unwavering commitment and dedicated support of the world's largest exchange company.

MORE INFORMATION

BUSINESS.NASDAQ.COM/TECH

EMAIL: MARKETTECH@NASDAQ.COM

