

SERVICE DESCRIPTION

SFTI® Americas: Infrastructure for High Performance Trading

NYSE Technologies' Secure Financial Transactions Infrastructure® (SFTI®) provides a single point of connectivity with resilient and low latency access to trade in NYSE Euronext Equities and Derivatives markets, global execution venues and liquidity pools. The SFTI network is available throughout the Americas and Europe with current expansion into Asia. Members benefit from full redundancy and access to a range of market data, trading and clearing services over a single network.

The Premier Backbone for Connectivity to NYSE Euronext's Markets

FAST FACTS

What is it?

NYSE Technologies' Secure Financial Transactions Infrastructure® (SFTI®) has been developed specifically for the capital markets. It offers reliable connectivity with low latent access to NYSE Euronext markets including NYSE, NYSE Arca, NYSE Liffe US and NYSE Amex markets in addition to non-NYSE market centers.

Who is it for?

The SFTI network brings together market participants, from single traders to exchanges, from all sides of the trading community including market data, market makers, buy-side and sell-side communities.

What does it provide?

SFTI® provides global access to the network and infrastructure of the world's leading markets to enable liquidity and advance the future of trading and market data.

Customer Challenges

Market Access Complexity

High-performance connectivity solutions involve a significant investment in terms of expertise and cost to ensure competitive time-to-market in today's complex trading landscape. Firms need flexible access to meet their individual needs, with bandwidth provisioned based on markets traded.

Latency

With market data increases, firms demand trading systems that can handle greater volumes and variety of market data at the lowest possible latency. Exchanges need to provide market participants with fast, electronic access to their matching engines.

Deployment

Clients increasingly require fast deployment as they seek to take advantage of newly identified market opportunities. Without a managed approach to multiple market access, firms may incur significant costs and risk losing business.

Solution Benefits

Performance

SFTI® offers improved connection speeds and bandwidth capabilities to handle demanding trading volumes. Services are delivered over dedicated 100Mb, 1Gb or 10Gb capacity direct ports and managed circuits. The SFTI® network is not shared with any carrier network so firms are assured of redundant connections to all markets. Firms can select the access bandwidth to suit their needs and easily add services once connected to the SFTI backbone.

High Speed Connectivity and Colocation

To improve latency, we offer high speed fiber optic connectivity to our new purpose built Liquidity Centers and multiple metro Access Centers in New York and Chicago. Beyond highly reliable physical connectivity, we offer colocation services to provide the closest proximity to NYSE Euronext matching engines in the US for extremely low latency.

Creating Communities

The SFTI® network provisions efficient market data connectivity by creating a community of Content Service Providers (CSPs). We provide direct connections so that CSPs can create their own community with other market participants or interconnect with peers on the network. Firms can benefit from higher capacity routes, hosted and managed solutions, and access to a range of NYSE Technologies solutions including Risk Management Gateways®, SuperFeed™, and Trading Platform on Demand.

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SFTI® Market Connectivity

The SFTI® network provides access to all NYSE Euronext Equities and Derivatives markets and a host of non-NYSE Euronext market centers including Nasdaq, CBOE, CME, Direct-Edge, TSX and many others. SFTI Americas connects over 1,300 participants in the US to almost every major market in North America, and many markets in Latin America including Brazil and Mexico.

There are multiple access solutions, connecting directly via the backbone or through extended reach with extranet partners.

Range of Network Connectivity Services

SFTI® offers a variety of network connectivity options permitting client access to core applications and value-add services across the backbone. Firms can use the SFTI® Virtual Control Circuit (VCC) service to remotely access their network and server equipment colocated at the NYSE Euronext Liquidity Centers and Access Centers.

SFTI® Internet VPN is another network service that allows customers to connect through the internet using site-to-site virtual private network technology to access SFTI® application services.

Sponsored Risk Management

Risk Management Gateway™ (RMG™) is a pre-trade risk filter gateway supporting high throughput and low latency order flow to venues available on the SFTI® network including NYSE, NYSE Arca, NASDAQ, and BATS. RMG provides broker-dealers the technology, connectivity and infrastructure to support sponsored participants' order executions directly on the NYSE Euronext markets and route away to other venues. RMG allows for the broker-dealer to focus on their core business while expanding their trade capabilities.

Fully Hosted Ticker Plant

SuperFeed™ is a fully managed ticker plant developed to meet client demand for cost-efficient access to multiple markets via the SFTI® network or colocation. Leveraging NYSE Technologies' best-of-breed market data technology, market participants can access the high performance and expansive market reach of NYSE Technologies' market data software with the economics of a hosted, managed service.

NYSE Technologies also provides more than 170 production-ready feed handlers, covering the leading exchanges, ECNs, and Alternative Trading Facilities across North America, Europe and Asia, as well as leading consolidated vendor feeds.

Trading Platform on Demand

The SFTI® network facilitates an on demand market-ready access solution with pre-packaged connectivity, market data and sponsored access software on a co-located, pre-provisioned hardware platform. The solution enables rapid provisioning of fully managed and hosted trading infrastructure that allows firms to lower their total cost of ownership and traders to focus on their core competencies. NYSE Technologies will manage infrastructure tasks such as configuring, troubleshooting, backups, updating, patching, monitoring and administering. This solution is cost effective, scalable and reliable.

Reference Material

For further information on the SFTI® network and NYSE Technologies' Colocation services, please refer to the following documents:

- SFTI Americas: Market Connectivity Solutions
- SFTI Europe: Market Connectivity
- Colocation: NYSE Euronext's US Liquidity Center
- Colocation: NYSE Euronext's European Liquidity Center
- SuperFeed™
- Risk Management Gateway™ Direct

About NYSE Technologies

NYSE Technologies provides comprehensive transaction, data and infrastructure services and managed solutions for buy-side, sell-side and exchange communities that require next-generation performance and expertise for mission critical and value-added client services.

Find Out More

Contact our Connectivity team now.

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