



## INFORMATION PRESSE

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## **Cisco propose une solution Ethernet haute performance destinée aux services financiers**

- Cisco a collaboré avec NYSE Technologies pour développer un réseau Ethernet reposant sur des solutions de messagerie intégrée. Destinée au milieu financier, cette solution vise à améliorer les performances des applications gérant les transactions.

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## **Cisco Delivers Ethernet-Based High Performance Software to Help Accelerate Financial Services Applications**

*Collaboration with NYSE Technologies Delivers Financial Services Solution to Accelerate Automated Trading Applications*

BARCELONA, Spain (Cisco Networkers)— Jan. 26, 2009 —Cisco today announced it has collaborated with NYSE Technologies to develop an Ethernet-based integrated messaging solution for the [financial services industry](#) that accelerates [automated trading environments](#) and improves end-to-end application performance using industry standards-based technologies. The solution supports the Cisco® [Data Center 3.0](#) vision to help its customers build next generation data centers that support their business goals. The solution tested by Cisco combines NYSE Technologies' Data Fabric high performance middleware, NetEffect Remote Direct Memory Access (RDMA)-capable 10GbE Network Interface Cards (NICs) from Intel®, Cisco Nexus 5000 Series switches and Cisco RDMA Accelerated Buffers (RAB) drivers to accelerate market data infrastructures without requiring customers to implement new transport technologies and without having to change their applications.

### **Facts**

- Designed to work with the Cisco Nexus platform, the solution uses standards-based 10-Gigabit-per-second Data Center Ethernet (DCE), which provides the reliability and lossless characteristics of Fibre Channel and the high performance, low-latency characteristics of InfiniBand.
- This solution helps customers build market data infrastructures designed to handle rising message rates, while reducing the message delivery latency and latency jitter between server nodes. The result is a more accurate view into the state of the market plus higher success rates in completing trades.
- Cisco performance tests on the solution, which included NYSE Technologies' Data Fabric, Cisco RAB, Cisco Nexus 5000, and NetEffect NICs from Intel, demonstrated a rate of over a million messages per second and latencies in tens of microseconds at the application level. The resulting latency jitter is a fraction of the average latency, enabling customers to implement highly predictable environments.
- Implementing a high-capacity, low-latency infrastructure designed to handle traffic spikes can provide the competitive advantages needed to excel in the capital markets industry.

#### **Industry Quotes:**

- “With numerical modeling becoming more complex and message rates continuing to rise in capital markets, IT organizations supporting market data environments need the ability to improve their IT infrastructures quickly in order to support traffic peaks, manage financial risks across the business unit, take advantage of opportunity windows, and ultimately, help their businesses stay competitive,” said analyst Jie Wu, research manager on the Technical Computing team at IDC.
- “NYSE Technologies collaborated with Cisco to bring to market an integrated messaging Ethernet solution based on Data Fabric that offers our customers the ability to build high-performance trading infrastructures that deliver the performance they need for their mission critical applications without requiring custom hardware,” said Conor Allen, vice president, High Performance Messaging at NYSE Technologies.
- “Financial industry customers want high-performance networking without being locked into proprietary architectures,” said Tom Swinford, vice president and general manager, Intel LAN Access Division. “Ethernet’s broad deployment and track record of sustained innovation and performance increases make it the ideal, easily deployable solution for our customers.”

**Technorati Tags:** Cisco, Intel, NYSE Technologies, Nexus, trading applications, high performance computing, financial services applications

**About Cisco Systems**

Cisco, (NASDAQ: CSCO), is the worldwide leader in networking that transforms how people connect, communicate and collaborate. Information about Cisco can be found at <http://www.cisco.com>. For ongoing news, please go to <http://newsroom.cisco.com>.

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