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## News Releases

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### NYSE Euronext and Juniper Networks Announce Plans for Ultra-Low Latency Network for Global Trading Data Centers

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*Juniper's Data Center Infrastructure Solutions Offer Speed, Efficiency and Cloud Computing Vision to World's Fastest Financial Trading Network*

NEW YORK, June 24, 2009 – NYSE Euronext (NYSE), the world's most diverse exchange group, and Juniper Networks, Inc. (NASDAQ: JNPR), the leader in high-performance networking, today announced the companies are working together to design a state-of-the-art, ultra-low latency core network for NYSE Euronext's new consolidated global data centers. Located in the greater New York and London metropolitan areas, NYSE Euronext's two new data centers will be the primary operational infrastructure supporting several billion daily transactions and quotes across diverse asset classes and geographies, and will be instrumental in NYSE Euronext's effort to consolidate the total number of its global data centers from ten to four. Expected to be operational in 2010, the new facilities will provide much greater network scale and efficiency, with plans to utilize Juniper's [Data Center Infrastructure Solutions](#) and advanced data center fabric technology to support an unprecedented internal latency of 50 microseconds roundtrip.

"Juniper's simplified data center approach will allow us to deploy a complete 10 Gigabit Ethernet network with ultra-low latency at a substantial cost savings," said Steve Rubinow, executive vice president and co-global CIO of NYSE Euronext. "Juniper has developed truly unique and innovative technologies that help us to deploy a very high capacity, low latency network that meets the stringent demands of the new data center. With Juniper, we are able to dramatically cut the cost and complexity of managing our data center network today, while continuing to enhance our competitive position with a next-generation data center fabric that will enable us to scale to tens of thousands of 10GbE ports. With such an elastic and efficient infrastructure, we can provide enhanced functionality to our customers at unmatched scale while minimizing total cost of ownership."

Leveraging the high-performance switching and routing technologies of the Juniper Networks [EX Series Ethernet Switches](#) and [MX Series Ethernet Services Routers](#), the NYSE Euronext trading platform is being designed to enable the total network performance, reliability, security and throughput essential to ensuring that NYSE Euronext, the world's largest and most liquid cash exchange, provides its clients with the technology to succeed in the low latency, high-frequency trading market.

"Competitiveness in the global financial markets is measured in microseconds and the NYSE Euronext trading platform is one of the world's premiere high-performance networks, supporting billions of transactions each day," said Kevin Johnson, Chief Executive Officer of Juniper Networks. "The NYSE Euronext technology vision is in alignment with Juniper's next generation data center roadmap, which will lead to the creation of a single data center fabric that will deliver a quantum advance in scale, performance and simplicity, while lowering energy consumption and reducing overall operating costs."

As a substantial piece of the technology synergies being achieved from the NYSE Group/Euronext N.V. merger consummated in 2007, NYSE Euronext is committed to realizing the substantial cost savings and management efficiencies from consolidating its global data centers to four, including the two newly-designed structures in the greater New York and London metropolitan areas that will complement the already existing data centers in Paris and New York.

"The challenge of building next generation trading platforms requires new levels of cooperation between network, compute, and storage engineers on internal teams and in cooperation with technology suppliers," said Abner Germanow, director of IDC's Enterprise Communications Infrastructure services. "NYSE Euronext's business performance is directly correlated with the performance of their network, validating Juniper's strategy and helping to drive innovation for one of the most demanding networks in the world."

By collapsing the multiple switching layers present in traditional network architectures, the new simplified NYSE Euronext network design requires fewer devices and interconnections, leading to improved efficiencies in space, power, cooling and management. Juniper Networks Data Center Infrastructure Solutions can significantly reduce network complexity and total cost of ownership by up to 52 percent in capital expenditures, up to 44 percent in power, up to 44 percent in cooling and up to 55 percent in data center rack space.

The data center core designs are anchored by the [EX8216 Ethernet Switch](#), purpose-built to deliver the wire-speed performance, low latency, carrier-class reliability and scalability to enable NYSE Euronext to consolidate network layers and reduce capital and operational expenses across the infrastructure. The architecture uses top of rack [EX2500 Ethernet Switches](#) to provide access connectivity to the data centers' high-performance servers with 10GbE ports that deliver wire-speed throughput. NYSE Euronext also plans to leverage the advanced routing capabilities, such as MPLS network virtualization, low-latency multicast, advanced quality of service (QoS), and high availability of Juniper's family of MX Series Ethernet Services Routers.

The EX8216 and MX Series run on [JUNOS® Software](#), a single source operating system that integrates routing, switching, security and network services, offering NYSE Euronext network administrators the ability to quickly and cost-effectively keep up with changing business demands and easily customize new services and applications.

#### **About NYSE Euronext**

NYSE Euronext (NYX) is the world's most diverse exchange group, offering a broad and growing array of financial products and services in Europe and the United States that include cash equities, futures, options, exchange-traded products, bonds, market data, and commercial technology solutions. With over 8,000 listed issues globally, NYSE Euronext's equities markets -- the New York Stock Exchange, Euronext, NYSE Arca, and NYSE Amex -- represent nearly 40% of the world's cash equities trading volume, the most liquidity of any global exchange group. NYSE Euronext also operates NYSE Liffe, the leading European derivatives business and the world's second largest derivatives business by value of trading. NYSE Euronext offers comprehensive global commercial technology, connectivity, and market data products and services through its innovative trading solutions unit, NYSE Technologies. NYSE Euronext is part of the S&P 500 index and the only exchange operator in the S&P 100 index. For more information, please visit: [www.nyx.com](http://www.nyx.com).

#### **About Juniper Networks**

Juniper Networks, Inc. is the leader in high-performance networking. Juniper offers a high-performance network infrastructure that creates a responsive and trusted environment for accelerating the deployment of services and applications over a single network. This fuels high-performance businesses. Additional information can be found at [www.juniper.net](http://www.juniper.net).

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#### **Cautionary Note Regarding Forward-Looking Statements**

This press release contains forward-looking statements, including forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements include, but are not limited to, statements concerning NYSE Euronext's and Juniper Networks' plans, objectives, expectations and intentions and other statements that are not historical or current facts. Forward-looking statements are based on NYSE Euronext's and Juniper Networks' current expectations and involve risks and uncertainties that could cause actual results of either NYSE Euronext or Juniper Networks to differ materially from those expressed or implied in such forward-looking statements. Factors that could cause NYSE Euronext's or Juniper Networks' results to differ materially from current expectations include, but are not limited to: NYSE Euronext's or Juniper Networks' ability to implement their respective strategic initiatives, alteration or cancellation of current product deployment plans, economic, political and market conditions and fluctuations, government and industry regulation, interest rate risk and U.S. and global competition, and other factors detailed in NYSE Euronext's reference document for 2007 ("document de référence") filed with the French Autorité des Marchés Financiers (Registered on May 15, 2008 under No. R. 08-054), 2008 Annual Report on Form 10-K, other periodic reports filed by NYSE Euronext with the U.S. Securities and Exchange Commission (the "SEC") or the French Autorité des Marchés Financiers, and Juniper Networks' Quarterly Report on Form 10-Q filed with the SEC on May 8, 2009. In addition, these statements are based on a number of assumptions that are subject to change. Accordingly, actual results may be materially higher or lower than those projected or implied. The inclusion of such projections herein should not be regarded as a representation by NYSE Euronext or Juniper Networks that the projections will prove to be correct. This press release speaks only as of this date. NYSE Euronext and Juniper Networks each disclaim any duty to update the information herein.

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