JUNIPER AND MICROSOFT ENABLE HIGH-PERFORMANCE BUSINESSES THROUGH THE INTELLIGENT COUPLING OF NETWORKING AND SOFTWARE

Challenge

Many of today's networks can't keep pace with the escalating demands and risks that can compromise their effectiveness. Enterprises have invested significant resources in deploying Microsoft applications and services into complex environments. To truly benefit from their investments, customers need a network that can reliably deliver Microsoft applications and solutions to end users.

Solution

As a Microsoft Certified Partner, Juniper Networks brings deep integration with and superior reliability to Microsoft environments. Juniper offers a high-performance network infrastructure that creates a responsive and trusted environment for accelerating the deployment of Microsoft services and applications over a single network, helping to fuel high-performance businesses.

Benefits

- Protects current investments in Microsoft solutions and operating systems
- Provides carrier-class reliability for strategic solutions like Unified Communications, Sharepoint and Exchange

Microsoft® GOLD CERTIFIED Partner

The Challenge

Today's corporate network is more than just a communications medium connecting employees on a common system. Now more than ever, the corporate network is a strategic business tool—an indispensable weapon on which businesses rely to support their day-to-day operations. Innovative businesses view the network as critical to their success. Unfortunately, many of today's networks can't keep pace with the escalating demands and risks that compromise their effectiveness. As enterprises begin to explore the myriad benefits of solutions critical to the success of the knowledge worker—with solutions like IP-based unified communications and real-time collaborative environments, it becomes clear that the network of the past is no longer able to provide the carrier-class network that the high-performance business requires.

Disruptive solutions like Microsoft Office Communications Server 2007 will place new and increasing demands on the network—and will only become more critical over time as high-performance companies realize productivity and infrastructure ROI benefits. Its combination of voice and video conferencing, real-time presence, IP-telephony and chat will require that the network always be available and provide in-depth security. Collaborative environments like Microsoft Sharepoint Server continue to exhibit significant growth, as companies realize the advantages that more effective collaboration brings to their employees, partners and customers. Providing secure remote access with a LAN-like experience over the WAN will be paramount to realizing the benefits that Microsoft's communication and collaboration solutions can provide.

The Juniper Networks Solution for Microsoft Platforms and Applications

Juniper Networks® offers a network infrastructure that creates a responsive and trusted environment for accelerating the deployment of services and applications over a single network, helping to fuel high-performance businesses. Unlike other vendors, Juniper's open network infrastructure provides greater choice and control in quickly meeting business requirements, while at the same time reducing costs. Juniper solutions offer the enterprise best-in-class IP switching, routing, security and WAN application acceleration solutions that power and protect the network as well as the Microsoft applications and services that run on it.

As a Microsoft Certified Partner, Juniper works closely with Microsoft in a number of ways to ensure that the Juniper network offers the latest and deepest support and integration with the broad array of Microsoft applications and platforms. Juniper's solutions ensure carrier-class network reliability for the Microsoft-ready enterprise through protocol-level support for Windows Vista, Windows Server 2008 and Windows Mobile 6 operating systems, and by providing secure remote access for Office Communications Server, SharePoint Server and Exchange.

Juniper achieves a deep level of integration through both programmatic and one-on-one engagements with Microsoft product and solutions teams. Partner Programs such as the Microsoft Partner Program, Windows Compatibility Advantage, and the Microsoft Partner Solution Center are key to ensuring that Juniper solutions are compatible today, stay compatible, and provide customers with innovative and leading-edge solutions for Microsoft environments. Juniper and Microsoft are working together to enable the high-performance, Microsoft-ready network for their customers.

Solution Components

- Juniper Networks EX Series Ethernet Switches
- Juniper Networks IDP Series Intrusion Detection and Prevention Appliances
- Juniper Networks SA Series SSL VPN Appliances
- Juniper Networks Unified Access Control
- Microsoft Office Communications Server
- Microsoft Windows Vista and Server 2008

Microsoft Partner Program: Certified Partner

Juniper is proud to be a Certified Partner in the Microsoft Partner Program (MSPP). Juniper participates in the Security Solutions programs for those partners with specific solutions for securing Microsoft environments and applications. MSPP offers partners such as Juniper numerous resources for ensuring compatibility with Microsoft products, including exclusive technical resources, product planning services, architecture reviews, and developer training and certification. Juniper leverages the MSPP resources to ensure that our products are ready for the Microsoft enterprise.

For more information on MSPP, please visit: **partner.microsoft.com**.

For more information on Juniper and Microsoft's joint solutions, please visit: **www.juniper.net/us/en/solutions/enterprise/application-infrastructure/mircosoft-applications/**.

Microsoft Unified Communications Partner

Juniper Networks is a strong supporter of the Microsoft Unified Communications vision—where the network and application work together to provide the carrier-class service and secure infrastructure needed to fully realize the benefits of Unified Communications. With support for Office Communications Server 2007 and a deep partnership with the Microsoft product team, Juniper provides the high-performance infratructure needed to fully realize the promise of the Microsoft Unified Communications solution—anywhere, any time and on any device.

For more information, please visit: **www.microsoft.com/uc**.

Microsoft Network Access Protection Partner

One of the first Network Access Protection (NAP) partners to join the NAP Partner Program, Juniper and Microsoft announced interoperability plans between Juniper Networks Unified Access Control and MSFT NAP, both through standards-based protocols as well as Microsoft-specific protocols for Windows Vista and Windows Server 2008. The EX Series is also fully compatible with NAP. Juniper and Microsoft also work closely within the Trusted Computing Group (TCG) Trusted Network Connect (TNC) workgroup, developing open standards for network access control.

For more information, please visit: **www.microsoft.com/nap**.

Microsoft Communications Protocol Licensee

Juniper is a licensee of a number of Microsoft's proprietary network communications protocols through the following licensing programs: Microsoft Communications Protocol Program (MCPP) and the Workgroup Server Protocol Program (WSPP). Both programs enable Juniper to provide its customers with the highest levels of integration and compatibility with Microsoft Windows networking protocols for both Windows Vista and Windows Server 2008. Through this program, Juniper is able to offer the industry's first access control solution with UAC that leverages the Windows in-box health agent. Juniper continues to add to the list of licensed protocols as they become available.

For more information, please visit: **www.microsoft.com/about/legal/intellectualproperty/default.mspx**.

Windows Compatibility Advantage (WCA)

The WCA program is designed to help partners provide their customers with a high quality software experience. WCA is a coordinated effort between Microsoft and participating partners to help increase security patch quality, shorten deployment time and reduce IT costs. WCA helps provide a consistent and reliable software experience for Microsoft and Juniper customers. By working with Microsoft to proactively test Juniper products with Windows OS service packs and security updates ("Patch Tuesday"), Juniper can ensure that our products and solutions perform well with new Windows OS updates—proactively preventing costly support incidents that can result from compatibility issues, thereby lowering total cost of ownership.

For more information, please visit: **msdn.microsoft.com/wca**.

Microsoft Partner Solutions Center (MPSC)

Juniper is a sponsor-level partner in the MPSC, a proof of concept lab located in Redmond, WA on the Microsoft campus. The MPSC internal network, powered by Juniper, is a significant resource for Juniper in maintaining compatibility with Microsoft solutions—allowing for close collaboration and concept testing of both Juniper enterprise and service provider solutions in a live environment. Maintaining an active presence on the Microsoft campus allows for close interaction with Microsoft product teams to enhance both compatibility and deployment understanding.

For more information, please visit: **www.microsoft.com/serviceproviders/partners/juniper.mspx**.

Microsoft SecureIT Alliance

The SecureIT Alliance is a community of industry partners working together through an online Web community to develop, enhance and promote applications that interoperate with the Microsoft platform, providing information and resources for security technology professionals. Juniper is an active member of the SecureIT Alliance and has been featured numerous times for its Microsoft-focused solutions.

For more information, please visit: **secureitalliance.org/**.

Summary—Juniper and Microsoft Solutions Enable the High-Performance Enterprise

As a Microsoft Certified Partner, Juniper brings deep integration with and superior reliability to Microsoft environments through its unique relationship with Microsoft and its focus on providing solutions to the high-performance business. Through the intelligent coupling of networking and software, customers enjoy the benefits of improved ROI, increased availability, and superior security. This creates a responsive and trusted environment for accelerating the deployment of Microsoft services and applications over a single network, helping to fuel the high-performance, Microsoft-ready business.

Next Steps

Visit **www.juniper.net/us/en/solutions/enterprise/application-infrastructure/mircosoft-applications/** for more information on Juniper solutions for the high-performance Microsoft enterprise.

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**.

About Microsoft

Microsoft® is the worldwide leader in software, services and Internet technologies for personal and business computing. The company offers a wide range of products and services designed to empower people through great software—any time, any place and on any device.

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