



Nortel Ethernet Routing Switch

Using Unified Communications To Make Hyperconnectivity A Competitive Advantage

Today's enterprises are overwhelmed by the challenges of hyperconnectivity. Computer, mobile and optical networks have created an explosion of data all connecting through a myriad of devices.

Consider these facts; it is estimated worldwide mobile phones would reach in excess of 4 billion subscribers by the end of 2009 with 16 million added every day. Machine-oriented traffic will soon surpass people-oriented traffic. In the coming decades experts predict that 1 trillion devices will be connected to networks.

Some consider this a challenge where Nortel sees this as an opportunity. With Unified Communications, enterprises can break the silos of communication between phone and data networks and connect all the applications and devices people use everyday; anywhere, anytime, on any device.

Unified Communications turns hyperconnectivity into a competitive advantage and enterprises can realize the benefits of Unified Communications with the Nortel Ethernet Routing Switch product portfolio. These flexible solutions offer a foundation for the future of communications.

The Nortel Ethernet Routing Switch product portfolio enables Unified Communications by delivering the LAN infrastructure over modular and stackable Power over Ethernet (IEEE 802.3af) switches in a variety of densities required to integrate voice, video, instant messaging, and conferencing. The portfolio offers 10/100 and 10/100/1000 interfaces for a wide range of customer budgets and performance requirements. As a result, communications are streamlined, productivity is enhanced, and the cost of managing networks is dramatically reduced.

With stackable edge and core configurations Nortel's Ethernet Routing Switch product portfolio is designed to meet a wide range of needs. These always-on solutions benefit from three critical features; an Intelligent Stacking Structure, Resilient Terabit Clustering, and an Enhanced End-Point Security through Nortel's secure network access.

Nortel's Ethernet Routing Switch product portfolio features failsafe stacking that provides insurance against a failed unit by automatically adjusting configuration for minimal disruption. And intelligent forwarding ensures that data travels across the stack using the shortest path for optimal performance.

Nortel's Ethernet Routing Switch product portfolio also offers Resilient Terabit Clustering using split multi-link trunking enabling desktop and access switches to be dual-connected so all links are active. This delivers increased bandwidth, high reliability and an improved user experience.

Finally, Enhanced End Point Security is delivered through Nortel's secure network access solution offering multiple layers of highly resilient, fully redundant security features. Protect your investment with industry leading Authentication, Authorization, Threat Analysis, and Quarantine and Remediation.

Companies that want to turn the challenges of hyperconnectivity into a competitive advantage are turning to Unified Communications for solutions that help them build and extend applications, services and networks. With the key features enterprises need, the Nortel Ethernet Routing Switch product portfolio empowers enterprises to create an optimized Unified Communications network that delivers voice, video, and data. As a result, everyone in the enterprise has the power to connect, communicate and collaborate anywhere, anytime on any device.

