



The XLN Update

Force10 Switches & Virtualization

The combination of Force10's reliable networking solutions and the industry leading VMware virtualization platform delivers the ability to consolidate data centers and create networks with increased business agility. Benefits of virtualization include the optimized use of physical servers and switches, reduced overhead requirements for management and the reduction of space, power and cooling.

"Working together, VMware and Force10 Networks enable IT managers to deploy consolidated, integrated networks that reduce the server hardware and manpower needed to scale networks," said James Hanley, Force10's senior vice president of worldwide sales. "By improving the efficiency, reliability and scalability of the network, the VMware and Force10 solution allows data center managers to significantly lower TCO while dramatically increasing total system configuration flexibility."

Force10's switch/routers and modular Unix-like operating system, FTOS, deliver key network requirements for virtualization including line-rate throughput, predictable forwarding and latency, a resilient hardware and software architecture and specialized data center virtualization features, including NIC teaming to avoid single points of failure.

[Click here for more information](#)

[Click to attend a 2 1/2 hour seminar on Force 10](#)



Managing Data Center Power and Cooling

Optimizing the overall power efficiency of the data center requires a comprehensive approach that focuses on technologies and strategies to minimize power consumption and maximize power efficiency at every level within the infrastructure. In addition, software strategies, such as server virtualization, can play a significant role in reducing power consumption.

There are a number of potential benefits that can be derived from an increased focus on power consumption and power efficiency:

- Extending the life of existing data centers and minimizing retrofits
- Gaining at least partial control of growing expenses for power and cooling
- Optimizing new data center designs

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Our Main Story

Force 10 Switches & Virtualization

Also in this Issue:

FTOS: A Modular Switch OS Optimized for Resiliency & Scalability

Managing Data Center Power and Cooling

Test Drive Force10

XLN has partnered with Platform Lab www.PlatformLab.org, to allow organizations to test and see Force10 products in action and compare Force10 to the competition.

Upcoming Events:

Learn more at the "Proven Next Generation Network Switches" At Platform Labs in Columbus, Ohio
Nov, 11, 2008
8:00 am — 11:00 am
[Register here](#)

Learn more at the "Taste of IT" In Dayton, Ohio
Nov 13, 2008
7:30am — 4:00pm
[Register here](#)



FTOS: A Modular Switch OS Optimized for Resiliency & Scalability

As Ethernet switch/routers continue to scale in terms of link speed and port density, device resiliency is becoming an indispensable system attribute.

The best approach to maximizing the and resiliency stability of switch/routers involves the application of three basic principles:

- Elimination of single points of failure
- Ensuring that any failures that do occur are constrained to affect only one system or component subsystem.
- Ensuring that when a subsystem fails, becomes compromised, or needs updating, the recovery can be accomplished quickly without disrupting the continued operation of the overall system.

[Click here for more information](#)

XLN SYSTEMS (XLN), an Information Technology and Network Security Solutions Integrator, is primarily focused on customer satisfaction in IT Security solutions, Professional Software Services, and legacy systems. As a Service Disabled Veteran Owned company, located in Columbus, Ohio, we have been providing solutions to our clients since 1991. We boast a high client satisfaction rate of over 97%. Our Network solutions consist of high density Gigabit and 10 Gigabit Ethernet Switches. Our Network Security solutions focus on protecting web applications from identity theft and data loss, defending the network interior from rapidly propagating threats. We also offer state-of-art Forensic Computing Services and Information Assurance services & programs. Our Professional Software Services range from application development to network engineering and from business analysts to project managers. In addition, we support the most secure legacy operating system on the market – OpenVMS by HP.