D-Link Demonstrates End-To-End Video Surveillance Solution at Interop 2008

The Challenge
D-Link Systems, based in Fountain Valley, CA showcased another of its product synergies during this year’s Interop show, which took place in The Mandalay Bay Convention Center in Las Vegas, Nevada from April 27 to May 2. Interop is the leading global business technology event for networking products, bringing together IT and business leaders to learn about practical business solutions in the most comprehensive educational program available to the IT market. Approximately 20,000 attendees and 500 exhibitors converged at Interop Las Vegas.

“We needed to create a setup that could be used to showcase multiple products such as the IP network cameras, storage area networks, and switches,” said Dino Khoe, Senior Network Engineer at D-Link Systems. “We wanted to demo a server connected to the storage area networks to record streaming video from the cameras and then show how the D-ViewCam 2.0 software can manage up to 32 cameras simultaneously.”

The products that are needed to make up the end-to-end surveillance solution include:

- High resolution IP networked cameras with pan, tilt, zoom for flexible surveillance applications
- Flexible camera management software for controlling and recording
- 1Gigabit managed switch with PoE, VLANs, LAG, security
- iSCSI enterprise network storage – 15 Terabytes or more
- Business-class server

Physical security was a hot topic at Interop. Other topics of interest include storage, green IT, unified communications, VoIP, wireless and mobility, and virtualization. According to Joe Melfi, Technical Marketing Engineer at D-Link Systems, “Interop 2008 was a great stage to demonstrate D-Link’s end-to-end video surveillance solutions because there is a strong interest from the visitors to see technology in action through demonstrations. Furthermore, issues of integration and interoperability are important when considering the purchase of a new product or technology.”

The Solution
The end-to-end video surveillance solution demonstration comprised of the following:

- 16 Cameras – DCS-5610, DCS-3410, DCS-5300, DCS-6620
- 1 D-ViewCam 2.0 software
- 1 DXS-3227P switch with PoE
- 1 DSN-3200 iSCSI SAN array
- 1 Server (4 NICs) – HP ProLiant DL320 G5 Server
- Business class surveillance solution
- High resolution IP networked cameras with pan, tilt, zoom for flexible surveillance applications
- Flexible camera management software for controlling and recording
- 1 Gigabit managed switch with PoE, VLANs, LAG, security
- iSCSI enterprise network storage – 15 Terabytes or more
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D-Link’s SAN systems are typically employed for high-volume, large file size back-up and recovery scenarios. Files from multiple locations are aggregated, managed, and backed up from one central location. Files can be securely accessed anywhere, at any time, enabling faster response, investigation, and resolutions of incidents. D-Link SAN products are very cost-effective storage solutions for the demands of an SMB or enterprise-class surveillance solution. During Interop Las Vegas, D-Link demonstrated its product synergies with a server connected to the storage area network to record streaming video from the cameras and then show how the D-ViewCam 2.0 software can manage up to 32 cameras simultaneously.
D-Link offers a wide range of IP surveillance solutions designed for the needs of SMB and enterprise markets. D-Link helps hundreds of organizations to monitor their premises including, parking structures, parking lots and driveways, gymnasiums, cafeterias and restaurants, receptionist areas, corridors, and warehouses across the world document incidents, enhance safety, and monitor valuable assets. D-Link’s video surveillance solutions allow users to monitor, store and archive video, audio, and associated application data over the Internet or private intranets. D-Link’s video surveillance solutions have proven their value in a wide range of applications and is a main alternative to traditional analog CCTV and DVR systems in terms of flexibility, performance, and cost considerations. Because of its high scalability, use of existing IP infrastructure, high security encryption, high image quality, advanced features such as digital zoom, and remote accessibility, D-Link’s end-to-end video surveillance solutions are becoming the preference over analog camera solutions to send automated alerts and record video when security events occur; record to low cost disk storage, index and search-enable archived video and audio, flexibly adjust to handle different schedules, personnel alerts, device alerts, and granular event triggers.

Key benefits of D-Link’s end-to-end video surveillance solution include:
- completely integrated and proven
- certified with leading video surveillance software
- single source of support
- full line of IP cameras and switches
- price performance leading IP storage

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Business Class Surveillance

DSN-3200 - 8x1GbE iSCSI SAN Array, 15 Bays, 3U, w/o Drives, with Trays

- Integrated iSCSI System-on-a-Chip (SoC) Solution that can Handle over 80,000 I/Os per Second
- Eight 1GbE Ports
- 15TB Capacity with 1TB Hard Drives (Supports Higher Capacity Drives as They Are Introduced)
- Embedded Disk Controller Supporting RAID Levels 0, 1, 1+0, and 5

Interop IP surveillance topology

Benefits
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D-Link’s end-to-end video surveillance solution for enterprise.

Call or visit the web address below for more information on the complete line of business products:
www.dlink.com
877.528.7789
For more D-Link Case Studies visit: www.dlink.com/casestudy

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