TRAPEZE NETWORKS
A BELDEN BRAND

Logitech

CASE STUDY

Trapeze wireless LAN keeps Logitech employees securely connected wherever they roam

Logitech

Chances are if you're using computer peripherals such as a mouse, keyboard, web cam, joystick or accessories, the name Logitech is on it.

Founded in Switzerland and with offices around the world, Logitech has cemented its reputation as the premier manufacturer of ergonomically stylish designs, melding form and function for its computer and gaming system peripherals.

Objective

More than 450 employees roam between two buildings at Logitech's Fremont, California, location. Users travel between the sites as well as to conference rooms and other parts of the campus beyond their own offices.

But no matter where they roam, workers want continuous access to business data and resources, plus the ability to send and receive email, share documents, and generally conduct business as if they were sitting at their desks.

The company initially introduced an older generation, campus-wide wireless LAN service, which eliminated the need for employees to compete for the handful of wired connections in conference rooms.

While the mobility gave Logitech employees connectivity, the system of standalone wireless access points (APs) could not scale to accommodate future networking needs. And gaining wireless access was a hassle — users had to login and re-associate with the network whenever they roamed.

Solution

Logitech turned to the wireless LAN Mobility System from Trapeze Networks to create a secure, scalable, enterprise-grade solution. This was an important project, and had to work, says, Logitech's worldwide director of IT.

Logitech relied heavily on Trapeze's RingMaster planning, configuration and management suite. RingMaster helped the IT team design a wireless LAN with sufficient capacity and coverage across its campus.

The two-building, Logitech campus was outfitted with 17 Trapeze Mobility Point (MP) access points and three Trapeze Mobility Exchange (MX) switches. RingMaster manages the entire lifecycle of a wireless LAN, giving IT managers the ability to easily track user histories, including where they roam and what resources they use.

Results

Deploying the Trapeze wireless LAN required no additional IT support. Now that Trapeze is in place, Monnier and his IT team can configure and support the entire wireless LAN from a central location. Using RingMaster planning and management, IT managers can see who is on the network from anywhere, easing day-to-day management.

"Trapeze just works," says Monnier.

"We liked what we saw with Trapeze, and their involvement and responsiveness throughout our evaluation/purchase process. The Trapeze value proposition is very compelling."

—Pierre-Oliver Monnier
Worldwide Director,
IT infrastructure and CTO

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DESCRIPTION

Logitech is a leader in the design and manufacture of a wide range of computer peripherals for personal and business use, including mice, keyboards, web cams, gaming consoles, joysticks and Bluetooth devices. Founded in Switzerland, the company has offices located across the globe.

OBJECTIVE

- Give the company's 450 employees located in the Fremont, Calif., continuous access to business data and resources
- Upgrade from a wireless LAN with stand-alone access points to a scalable enterprise wireless LAN that supports current and future applications
- Allow workers to access their network resources securely, and hassle-free, from any location with a single logon

SOLUTION

- Trapeze Network's wireless LAN Mobility System provides a secure, scalable enterprise-grade solution.
- Identity-Based Networking recognizes employees regardless of location and grants them appropriate access based on their personal or group identity.
- RingMaster wireless LAN lifecycle management suite helped Logitech install 17 Mobility Point radios and three Mobility Exchange switches and provides 24 x 7 management and monitoring.

RESULTS

- Employees with laptops can access the network based on their user credentials and associated policies no matter where they are physically located.
- The Trapeze wireless LAN keeps intruders and rogues out, saving Logitech's IT department time and preventing potential security breaches.
- The wireless LAN's scalability means Logitech can add voice to the wireless network or make other changes in the future without starting from scratch.

Logitech (continued)

"You never want to hear that you're the company that had the guy sitting on the bench outside the front door browsing your source code."

—Pierre-Oliver Monnier

Trapeze's innovative Identity-Based Networking allows Logitech to deliver services to employees when and where they need them. With Identity-Based Networking, the Logitech wireless LAN recognizes employees regardless of location and grants them appropriate access based on their personal or group identity.

Identity-Based Networking allows Logitech's IT administrators to assign different users access rights, VLAN and subnet assignments, authentications, roaming privileges, bandwidth usage and other policies.

Trapeze's solid commitment to security has proven to be one of the biggest pluses for Logitech. The company has a wireless LAN with strong WPA2/AES encryption and 802.1X authentication.

Logitech also has the ability to keep out intruders as well as detect and locate rogue access points and ad hoc users. The Trapeze Mobility System performs continuous or periodic radio frequency sweeps across all channels to identify unknown devices on the wireless LAN. From the RF sweeps, IT can validate the unknown user as friend or foe and perform further sweeps and diagnostic tests to identify the location of the rogue device.

Another key feature of the Trapeze Mobility System is its ability to scale and accommodate future technologies. If Logitech migrates its voice-over-IP users to the wireless LAN, Trapeze can make that possible. This adaptability makes the Trapeze Mobility System a good investment for companies that do not want to rip out their existing network and start from scratch.

With wireless LANs quickly becoming a part of everyday enterprise life, Trapeze has been indispensable to Logitech for not only enabling its employees to seamlessly access corporate resources, but also allowing Logitech's IT managers to deploy a secure, efficient wireless service that is future-proofed to accommodate emerging applications, technologies and enterprise demands.

Logitech Products


Gaming


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Logitech Wheel