

Steel Tubular Producer Manufactures New Communications System

CASE STUDY

Welded Tube of Canada leverages their multi-faceted facilities with the NVT Phybridge switch innovation.

Executive Summary

Welded Tube of Canada
Industry: Manufacturing
Location: Concord, Ontario
Number of Employees: 150+

CHALLENGE

- Centralize its call control management.
- 3 locations within 5 miles of each other, with no network connectivity.
- Keep voice and data separate at the desktop.
- No disruption to the business; before, during or after deployment.

SOLUTION

- Avaya solution powered by NVT Phybridge Long Reach Ethernet switches.

RESULTS

- Leveraging existing infrastructure eliminated all disruptions and risks.
- Secure network with a separate physical path for voice.
- Overall improvement in the ability to manage call control centrally.

PRODUCT LIST

NVT Phybridge Switch Series

Welded Tube of Canada is a multi-faceted cold formed carbon and high strength, low alloy steel tubular producer, headquartered in Concord, Ontario. Founded in 1970, the company now has four producing facilities with a total manufacturing and ancillary space approximating 1 million square feet. Welded Tube of Canada has a well-earned reputation for producing tubular products to the highest quality standards and was the first steel tubular producer in North America to be ISO registered. Welded Tube of Canada demands the same quality standards they deliver to their customers, from their suppliers — IT Telephony solution providers included.

Challenge

Welded Tube of Canada needed to replace its aging telephone system. They were experiencing issues on a daily basis and the company was incurring high costs to maintain tie line connectivity between their three properties. Welded Tube of Canada wanted to upgrade to IP telephony in order to realize significant cost savings from eliminating the tie line and to take advantage of feature enhancements the upgraded system could provide.

They were looking for a technology that would allow them to minimize disruption and cost while migrating to a full IP telephony platform in all locations. They wanted a technology that could support end points that were over 1,000 feet away from the communications network closet.

Solution

Seeking other solutions, Welded Tube of Canada deployed a point-to-point DragonWave solution to connect the three buildings, thereby eliminating the need for tie lines.

Next, they sought NVT Phybridge's expertise and applied the infrastructure to deliver Power and Ethernet to all of the phones in the three different facilities, some of which were over 1000 feet away from the communications network closet.

NVT Phybridge provides the only data network switch in the world to deliver Ethernet and Power over Ethernet over a single pair of telephony grade wire with 4 times the reach of traditional data switches. Customers are leveraging their existing, proven reliable voice infrastructure to create a separate network path for voice communications, complimenting an existing data network, while optimizing an organization's IT infrastructure for voice and data convergence.

Results

NVT Phybridge provides switches with the ability to keep the voice and data network paths separate. This was a key feature for Welded Tube of Canada.

"Without NVT Phybridge, this project would not have proceeded," says Keven Matchett, Network Coordinator, Welded Tube of Canada. "There was no way that I was going to put my voice requirements on my data network. Too risky."

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Keven Matchett, Network
Coordinator
Welded Tube of Canada

The NVT Phybridge switch solution was designed specifically to handle any organization’s existing or future real-time voice requirements, delivering a robust platform ensuring voice quality of service today and into the future. And with its plug-and-play deployment capability, it’s a simpler, more cost effective solution.

“The deployment was much quicker than everyone thought,” adds Keven. “The original plan was to schedule it over a long weekend to deal with any unforeseen issues. Deployment started after business hours on a Friday afternoon and was completed the same night.”

NVT Phybridge is pleased to report that Welded Tube is so impressed and satisfied with the quality of the installation and resulting service, that they installed the NVT Phybridge switch innovation and the point-to-point topology in their new production facility.