Prairie North Health Region Authority "Future Proofs" LAN with NVT NVT Phybridge Switch Innovation

CASE STUDY

One of Northwest Saskatchewan's largest employers replaces outdated system with practical IP telephony solutions provided by NVT NVT Phybridge.

Executive Summary

Prairie North Health Region Authority
Industry: Heatlhcare
Location: Saskatchewan
Number of Employees: 3,100+

CHALLENGE
- Ability of existing infrastructure to support an IP migration.
- Financial costs associated with traditional IP telephony migration.
- Business disruption caused during deployment.

SOLUTION
- VoIP migration solution using Long Reach Ethernet Switches.

RESULTS
- VoIP migration using existing infrastructure.
- Significant financial and time savings.
- Simplistic, easily managed network with non-disruptive deployment.

PRODUCT LIST
NVT Phybridge Switch Series

Prairie North Health Region is one of Saskatchewan's 13 health authorities. The Region covers a large and diverse area in the northwest part of central Saskatchewan.   PNHR is one of the largest employers in Northwest Saskatchewan. This includes over 3,100 staff in full, part-"me and casual positions. Home to two regional hospitals and many other health facilities, Prairie North is committed to working together to promote and support healthy living in healthy communities.

Challenge

Prairie North Regional Health Authority (PNRHA) needed to replace their aging telephone system and they wanted to move to IP telephony to future proof their telephony investment.   With over 50 locations to consider, traditional networking requirements to deploy the IP telephony solution was complex, costly and disruptive. Every location's data network was unique and networking requirements created budgeting challenges and uncertainties. PNRHA turned to NVT Phybridge to eliminate all of their networking challenges.

Solution

The NVT Phybridge solution allowed PNRHA to transform their existing proven voice infrastructure into an IP path with Power over Ethernet ideal for IP telephony deployment. Given that the point-to-point topology was standard across every location they were able to confidently deploy their IP phones with confidence— eliminating risk and disruption. Due to the simplicity and predictability of deployment, the PNRHA technical team was able to deploy their IP telephony solution on their own which resulted in significant capital and operational savings. PNRHA was able to deploy IP telephony well below its budget.

Results

"The ability to leverage the existing voice infrastructure to deploy our IP phones allowed us to use a repeatable, predictable process at every location. We have benefited with significant cost savings and reduced stress for our IT team. Without NVT Phybridge this would not have been possible." said Tyler Hines, Information Technology at PNRHA.

The NVT Phybridge mission is to bring to market "practical innovations". Technologies that allow customer to maximize their return on investment while minimizing the total cost of ownership. To achieve this our technology needs to solve complex problems in a simple manner, be robust and reliable and easy to install and manage.   The award winning NVT Phybridge switch innovation exemplifies our mission in action.

NVT Phybridge provides the only local area network switch in the world to deliver Ethernet and Power over Ethernet (PoE) over a single pair with reach of 1,200 ft. Customers can leverage their proven reliable voice infrastructure to create a physical separate voice path complimenting and extending the existing data network, while optimizing the LAN for convergence. One network, two paths, no

Prairie North Health Region Authority "Future Proofs" LAN with NVT NVT Phybridge Switch Innovation

One of Northwest Saskatchewan's largest employers replaces outdated system with practical IP telephony solutions provided by NVT NVT Phybridge.

CASE STUDY

> "We have benefited with significant cost savings and reduced stress for our IT team. Without NVT Phybridge this would not have been possible."

Tyler Hines
Information Technology at PNRHA

The NVT Phybridge switch innovation allowed The Prairie North Regional Health Authority (PNRHA) to eliminate VoIP deployment barriers during the migration. The implementation of the NVT Phybrigde switch solution provided several benefits to the client, including:

- Optimized local area network for convergence;
- Graceful, non-disruptive migration to IP technology;
- Repeatable, predictable, scalable IP telephony deployment;
- No call quality issues, during or after deployment;
- Simplistic, easy to manage network;
- Reduced deployment time;
- Significant financial savings; and
- Future proofing of LAN, eliminating the need for Gigbit IP phones for data pass through requirements.