Western State College renovates its entire administration offices with the NVT Phybridge switch innovation.

Executive Summary

Western State College
Industry: Education
Location: Gunnison, Colorado
Number of Employees: 50+

CHALLENGE
- Deliver IP Voice to an old dormitory building during extensive renovations.
- Quick and easy deployment.
- Requirement to stay within budget.

SOLUTION
- IP Voice solution powered by NVT Phybridge Power over 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.

PRODUCT LIST
NVT Phybridge Switch Series

Located in the Colorado Rocky Mountains, Western State College of Colorado boasts of providing students with a solid foundation in problem-solving, critical thinking, creativity and written and spoken communications skills. With the latter as one of their prime teaching goals, it's no wonder that the College's desire to have a strong telecommunications network to assist students in reaching this goal is a top priority.

Challenge

A major renovation of the College's Administration offices was about to begin. The renovation required moving the Administration staff to an old dormitory building on campus so they could continue to work. The cost to re-cable the old dormitory and upgrade it sufficiently to handle the Administration staff's current IT requirements was in excess of $20K and would take some time to complete. Specializing in research education, the college dutifully researched a most cost-effective and timely solution.

Looking for a networking technology that would allow for the migration to an IP telephony platform while reducing costs and complexities while renovations were being completed was a major factor in the decision-making process.

Solution

Western State found that solution with NVT Phybridge. Instead of re-cabling the old dormitory, Western State College was able to apply NVT Phybridge's plug and play deployment technique and have the temporary Administration offices up and running within a week.

Re-cabling would have required adding Power over Ethernet (POE) switches and an uninterruptable power supply (UPS) throughout the entire facility; a costly upgrade for a temporary site.

Results

The money saved using the NVT Phybridge solution was allocated to the purchase of new IP phones, computers and printers to be used once the renovation was complete.

"We were able to successfully deploy a telephony solution, and through VLAN configuration, use the NVT Phybridge switch to deliver Ethernet to printers and computers as well," says Chad Robinson, Director of Computer Services at Western State College. "As a result, we greatly reduced deployment time, costs and work disruption."

A worthy case study that proves Western State College practices its own teachings: solid research, problem solving and critical thinking to deploy the NVT Phybridge solution and enable strong communication capabilities. Standard point-to-point voice infrastructure already exists and is a proven reliable asset.

Western State College renovates its entire administration offices with the NVT Phybridge switch innovation.

"We were able to successfully deploy a telephony solution, and through VLAN configuration, use the NVT Phybridge switch to deliver Ethernet to printers and computers."

Chad Robinson
Director of Computer Services
Western State College

With the NVT Phybridge innovations customers like Western State College can leverage this proven asset to easily migrate to IP telephony. Customers now have choice on how best optimize the LAN foundation to support IP telephony and Unified Communications.