With Wyebot, a Vermont School District Stays Ahead of the Curve

Wyebot devices proactively help the Lamoille North Modified/Unified Union School District diagnose and troubleshoot issues – before they develop into problems.

INTRODUCTION
The Lamoille North Supervisory Union (LNSU) serves six Vermont towns with five elementary schools, the Lamoille Union Middle School, Lamoille Union High School, and the Green Mountain Technology and Career Center. Combined, the district serves over 2,200 students and staff.

As with any modern school system, WiFi is critical for LNSU’s administration, communication and education. To that end, each LNSU school has its own dedicated technology coordinator, acting as the first line of defense and help desk for on-site network issues. LNSU is also using cloud-managed Aerohive wireless access points at each school.

However, the coordinators realized there was a missing piece to their wireless puzzle: information. “When issues arise with either the network or individual access points, the Aerohive solution, while capable, is limited in the information it supplies,” said Mike Lambert, Technology Coordinator. “We needed more data to help coordinators diagnose, troubleshoot, and ultimately prevent problems.”

LNSU turned to Wyebot for a deeper understanding into their network, and to gather more information to empower their decision-making.

THE CHALLENGE
This case is unique in that there wasn’t a specific challenge or issue. In fact, LNSU was pleased with the performance and capabilities of their Aerohive solution, as it met almost all of their needs. What they wanted was more information about their network and users than the cloud-supported solution could provide. For example, LNSU wanted to optimize wireless performance by having as many devices operating on 5.0 GHz as possible, since a mixed 2.4 - 5.0 GHz environment slows everyone down. To do that, they needed to know not only how many users and devices were operating at 2.4, but also how many were required due to hardware limitations. This information would ultimately tell LNSU how many devices would have to be upgraded or replaced for the sake of overall network performance.

LNSU wanted active and proactive monitoring, more in-depth reporting, and the kind of information needed to better troubleshoot and manage their network. They turned to Wyebot.

“We have (Aerohive) hive managers in the cloud to assist us when needed, but we wanted to know more about users and devices than they could tell us.”

Michael Lambert, Technology Coordinator, Lamoille North Supervisory Union
ABOUT WYEBOT

Wyebot helps businesses automate the complex and constantly changing world of wireless through proactive innovation, unmatched performance, and proven reliability. Our team has over 100 combined years’ of wireless experience - which they apply to solving problems for Fortune 500 companies. By combining best-of-breed wireless sensor and software technology, Wyebot keeps enterprises and industries such as hospitality, healthcare, education, and manufacturing reliably connected, every day.

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