

## ENGINEERED SOLUTIONS

A HIGHER ED  
SUCCESS STORY

# WIRELESS ON THEIR OWN TERMS

## High-Performance Learning Requires Hi-Performance Wi-Fi

### About the Client

The University of Northwestern Ohio (UNOH) is an entrepreneurial, private, not-for-profit institution with an enrollment of 4,000 students in Associate, Baccalaureate and Master Degree programs. The University has the following colleges: College of Applied Technologies, College of Business, College of Health Professions, and College of Occupational Professions.

The University is known worldwide as a leader in the Automotive, Diesel, and High Performance industries, but also offers over 60 degreed programs in Business, Health, Marketing, Information Technology, and many other fields of study.

### Their Challenge

With many of its students working in the industry while enrolled in applied technology programs, UNOH must offer classes that accommodate a variety of work schedules. "We run a 24x7 campus. At any given time there are students and faculty in classrooms using Wi-Fi," said Chad, Director of IT Infrastructure and Security at UNOH. Not only does Chad's wireless hardware and software need to operate full-speed around the clock, he has few opportunities to perform

### OVERVIEW

**Industry**  
Education

**Client Profile**

UNOH serves 4,000 students in Associate, Baccalaureate and Master Degree programs. The University is known worldwide as a leader in the Automotive, Diesel, and High Performance industries.

**Business Situation**

With so many tech-oriented programs, reliable Wi-Fi is critical. Additionally, 24x7 classes accommodate student work schedules, leaving little time to perform wireless network repairs and updates.

**Solution**

Aruba 802.11.ac Wave 2 Access Points  
Aruba AirWave Network Operations Manager

**Benefit**

- > More reliable connectivity
- > Easier to manage
- > Cost-conscious solution
- > More responsive support

system upgrades. “Most higher education institutions have several weeks in the summer when they aren’t offering classes. Not at UNOH,” he said. When upgrades are required, Chad’s team has to schedule them around tests, final projects or campus events.

Unfortunately, their previous wireless provider mandated when updates occurred. “We would have situations where they would push an update even though it was not convenient for our users,” Chad said. We had a few instances when we had VIP visitors and our Wi-Fi was failing us. To make matters worse, the provider support was very poor. It became unacceptable.”

## Our Solution

Chad reached out to Scott Gibson and Shawn Hendrickson, ITsavvy Senior Client Executives, for guidance. Since the university was already utilizing HP Aruba switches, it was a logical move to consider Aruba for wireless. The solution includes Aruba 802.11.ac Wave 2 Access Points and Aruba AirWave Network Operations Manager.

For the initial deployment, Chad identified the UNOH Event Center, a 25,000 square foot all-purpose facility with multimedia capabilities including 18 high-definition LCD monitors, HD 2500 lumens Sony Projectors, two drop-down 15-foot screens and a projector with a 10-foot screen.

“It has worked flawlessly. We have not had a single user complaint, said Chad. “Considering we have rented out the facility for large events, I am really pleased.”

## Their Success

Chad and his team plan to continue the process of replacing existing wireless hardware with Aruba WAPs. They also will be installing a new Aruba VoIP solution and refreshing Aruba switches.

Of primary importance, Chad can now schedule updates on his own terms to minimize user disruption. “Aruba support is extremely responsive. When I’ve got a question, they are there to help me,” he said.

“With a lot of funding on the line, I needed a wireless solution that I could stake my reputation on. ITsavvy and Aruba have not let me down.”

Chad, Director of IT Infrastructure and Security

“Because we run a zero based budget, I rely on the relationships that ITsavvy has with distributors and manufacturers. The ITsavvy team will go back to a vendor and request better pricing on my behalf.”

Chad, Director of IT Infrastructure and Security

“I have a long history with Shawn and Scott. They know all of the personalities involved in decision-making here, and they understand the funding constraints that we are under. I know Shawn and Scott will advocate for me.”

**FOR MORE INFORMATION,**  
please contact an ITsavvy Client Executive.

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## The ITsavvy Solution

### HARDWARE

- Aruba 802.11.ac Wave 2 Access Points

### SOFTWARE

- Aruba AirWave Network Operations Manager

### PARTNERS

- Aruba



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