



"I would highly recommend Mojo Networks, everyone I worked with from the sales, technical and support teams have been pleasurable and very responsive."

-Jeff Davis, Director of Technology, Knob Noster School District

Highlights

- Knob Noster School District is home to 1,600 students and four separate school locations. The District prides itself in leading the way in tech literacy.
- Ten years ago, the high school became the first public school in Missouri to offer a one to one laptop program. Ten years later, the one to one initiative is being rolled to include K-8 grades in January 2017.
- To keep up with the demands of thousands of devices and new applications without getting bogged down, the District knew they needed to upgrade their wireless network.
- Using the Federal E-Rate program, the Knob Noster School District was able to budget for a more robust WiFi network to support their current and future technology initiatives, and improve the digital learning experience for its students and teachers.

Benefits

- Saved 10 hours/week previously spent troubleshooting wireless issues
- E-Rate eligible bundles meant not sacrificing performance for budget
- Reliable WiFi performance in high density, digital learning environments
- Secured by Mojo AirTight, industry leading WIPS
- Zero down time deployment that occurred during school session hours

How WiFi Can Impact the Digital Learning Experience

Knob Noster School District has set out on a mission, "To Provide Educational Excellence Through Technology." While many K-12 schools and districts are struggling with the idea of new technical resources and the requirements needed to support them, Knob Noster sees this as a way to enrich their already unique student programs. Located in West Central Missouri, Knob Noster School District provides a distinctive mix between rural and urban settings. There are 1,600 students and 225 faculty dispersed between these four locations, and 65% of students come from a military household. In order to maintain their focus on high-quality education, Knob Noster continues to look for ways in which technology can be integrated into all functions for their students, while maintaining their public mission.



"More and more of the learning curriculum has moved online, therefore the need for students and teachers to have a device and reliable connection at all times has become paramount."

- Jeff Davis, Director of Technology, Knob Noster Public Schools

The Challenge

When much of the curriculum is based online, and 2000 district devices are connecting to the network, there are certain considerations for which Jeff Davis, Director of Technology needed to think about when scoping his technology budget. A reliable WiFi connection for students and teachers had become as vital as electricity, it was the utility needed to power their every day learning.



"While the future of learning is somewhat unknown, we are making decisions and investing resources in ways that we believe will serve our students and our district through the first quarter of the century. While this is an elusive task, we are encouraged by not just the performance of Mojo, but also by the mindset of the company as we navigate through the quickly-evolving technology landscape within public education."

- Dr. Jerrod Wheeler - Superintendent, Knob Noster Public Schools

The Solution

With the addition of WiFi APs into the Federal E-Rate program, Jeff Davis knew this was a perfect opportunity to upgrade to a more robust network, and do so within budget. The primary goals he looked to achieve were to gain throughput, create a more balanced, secure network and remove the WLAN controller by moving the management to the cloud. With an added focus on network security, Jeff wanted to make sure he chose the best in rogue detection and locating devices on the network.

After evaluating between Cisco Meraki and Mojo Networks, Jeff decided that while the features between both vendors were similar, Mojo offered the best performance, reliability and security, all at a lower cost than the competition.

“Our Board of Education charged me with not only providing the instructional technology and supporting infrastructure that will allow our students to communicate and connect with information and people around the world, but they have asked me to do so with a keen eye on the fiscal bottom line. As we evaluated both cost and performance, Mojo emerged as the clear choice for Knob Noster Public Schools.

-Dr. Jerrod Wheeler, Superintendent, Knob Noster Public Schools

Zero Down Time Deployment

For the first phase of deployment, Knob Noster rolled out 100 Mojo Access Points throughout its four school campuses, the central office, bus depot and stadium press box. Jeff and his team were able to install the new Mojo APs in the middle of the day – during school, with ZERO interruptions, and it only took 5 days to complete!

Mojo Gives Back to IT – 25% of Your Time

Before Mojo, Jeff and his team had to deal with a myriad of issues including outages, WiFi APs dropping offline, or students and teachers being kicked offline or logged out of the online learning system. Simply put, the number of students and devices could not be supported, and without any insight, IT would spend up to two hours a day identifying and resolving these issues. With Mojo Networks, Jeff’s team has cut their time spent on troubleshooting to just minutes a day, giving them back ten hours a week that was previously spent on network access problems.

“With Mojo Networks, we have seen a dramatic increase in performance, with little to no issues regarding the network. This creates a better atmosphere for students and teachers, while saving my team up to ten hours a week in time spent troubleshooting network access problems”

-Jeff Davis, Director of Technology, Knob Noster School District

About Knob Noster Public School District

The Knob Noster R-VIII School District is located in West Central Missouri and includes Whitman Air Force Base, home the of the B-2 Stealth Bomber. The schools and community are a unique blend of rural Missouri and diverse U.S. Air Force populations. Many residents of the Knob Noster School District value the high quality education in a small town atmosphere that their children receive. The School District has a total enrollment of 1,600 students in grades K-12. This is broken out into two elementary schools, a middle school and one high school.

For more information visit Knob Noster School District online at <http://www.knobnoster.k12.mo.us/>



Want to learn more about Mojo?

Request a [personalized demo here](#) or call us at +1 (877) 930-6394