

CASE STUDY: ELMBROOK SCHOOL DISTRICT



Elmbrook School District Enhances Connected Experience through an Agile and Resilient Network

Technology Needs

- Meet new levels of network demand as the district continues to add in new facilities
- Support an increasing number of devices to promote modern learning
- Complete technology refresh to bring the entire network under a single-generational technology umbrella

Extreme Solution Components

- ExtremeWireless™
 - 630 - Wi-Fi 6 APs
- ExtremeSwitching™
 - 90 - 5520 Switches
- ExtremeCloud™ IQ
- ExtremeAnalytics™

"What really sold the deal was the ExtremeCloud IQ software and the level of management and insight we have now on our network. Extreme offered a high quality hardware solution backed with the best software offering for the best price, it was an easy decision for our team."

Dan Scott, Director of Technology, Elmbrook Schools

Elmbrook School District is located fifteen minutes west of Milwaukee, Wisconsin, serving cities including Brookfield, New Berlin, and Elm Grove. Through 10 schools, Elmbrook employs 1,200 faculty and staff, and serves more than 7,400 K-12 students and their families. It is consistently ranked among the top five school districts in the state of Wisconsin.

"We have seen immediate value in the amount of transparency we have in terms of what is really happening on the network at the individual client level to troubleshoot any network issues."

Dan Scott, Director of Technology, Elmbrook Schools

Results



Improved Network Access/Performance

- Immediate reduction in trouble tickets related to Wi-Fi coverage and/or performance - IT management burden reduced.
- Fewer network issues means teachers and students spend more time teaching and learning, and IT can dedicate more time to other tasks.
- Support for video surveillance/security, building automation, and other connected systems.



Ease of Deployment and Network Management

- Simple implementation of switches and APs allowed district to start their digital transformation over the summer and have the new infrastructure in place for the start of the school year.
- Network data provides maximum visibility into clients and network utilization.
- Enhanced analytics improves troubleshooting and allows identification of rogue devices or abnormal network activity.
- New network can be supported by a single IT team member.



Support for Tech-centric School Environment

- New APs are able to support 60+ devices per classroom used by students and faculty, including BYOD devices.
- Reliable access to online textbooks, collaboration tools, and other learning systems.
- Network access for clubs and sports in press boxes and other non-classroom environments.



"The focus with Extreme is never 'How do we make a sale?' It's always, 'How do we support Elmbrook and their initiatives, and that has formed the partnership, which continues to be the strength of our continued relationship."

Dan Scott, Director of Technology, Elmbrook Schools