

CYBER DEFENSE powered by CyFlare

Improving a school district's security posture with Cyber Defense XDR.

With so much sensitive data at stake, and the limited resources most institutions are able to dedicate to cybersecurity, K-12 schools are among the top targets for cyberattacks. A school district in the western US with over 20 schools and 2,000 staff members educates approximately 20,000 students daily. They serve a diverse population of students and staff, all of which rely on the uninterrupted availability of computers, servers, printers, tablets and more to teach and learn. To keep up, the district recognized they needed to quickly improve their ability to identify and respond to threats across their schools.

The Need

- › The school district had been operating suboptimally with a lean security team and a small portfolio of security products, using open-source and commercial products to try to secure their environment.
- › Their limited IT resources were overwhelmed with significant manual efforts to detect anomalies. They needed a faster, more automated way to detect threats and close gaps in their security posture—all while improving their response capabilities.
- › They needed to be able to easily integrate their endpoint protection platform at no additional cost.

The Solution

- › The school district's new solution now ingests and analyzes their security data automatically, eliminating their time intensive and costly manual processes.
- › With Cyber Defense XDR technology in place, the perceived gaps in their security posture have been eliminated, as the XDR technology automatically normalizes and enriches data from every sensor and security tool upon ingestion.
- › Their new solution consolidates separate alerts into a single security incident and greatly improves the efficiency and effectiveness of response efforts.
- › The AI and machine learning engines automatically evaluate and categorize related alerts and identify new threats based on abnormal user and asset behaviors, producing a prioritized list of contextual incidents they can easily see on their intuitive dashboard.

Industry

Education (K-12)

District Size

~20,000 students
~2,000 staff members
20+ schools

Solution

Cyber Defense

Location

Western US

The Impact

By leveraging a solution like Cyber Defense XDR for their security operations, the school district can deliver consistent security outcomes across their environment. They now have a clear line of sight across all users and assets with peace of mind that their critical data is secure.



Before, we used open-source log parsers. Unfortunately, this left us with many gaps in our ability to identify and respond to threats. The threat intelligence has helped us fix gaps in our security posture that we weren't even aware of.

IT ENGINEER, SCHOOL DISTRICT

Why Crown Castle?

Our unique, nationwide portfolio

With approximately 90,000 route miles of fiber, we own and operate one of the largest and densest fiber networks in the country with a presence in 23 of the top 25 US markets.

Our proven track record

In our 30 years of experience owning and operating network assets we've seen it all and we're always ready to adapt to changing network trends.

Our deep expertise

We've worked with nearly every industry so we understand your unique opportunities and challenges and can tailor solutions to meet your goals.



Crown Castle owns, operates and leases more than 40,000 cell towers and approximately 90,000 route miles of fiber supporting small cells and fiber solutions across every major US market. This nationwide portfolio of communications infrastructure connects cities and communities to essential data, technology and wireless service—bringing information, ideas and innovations to the people and businesses that need them.