blue mantis

CASE STUDY

Network & Infrastructure Modernization & Managed Services Help Large Public School District Protect Data Against Cyberthreats & Improve User Experience

Overview

One of the largest public school systems in the United States serving 100,000 students, 6,600 teachers, and 14,000 employees was struggling to operate with an outdated, unsecure network configuration, putting the school system's students, users, and data at risk. With limited IT resources and cross-functional network expertise, the school district's CIO needed a solution that would increase the security of their environment and modernize their overall infrastructure.

Solution

Blue Mantis' experts performed an in-depth network assessment to uncover and document security vulnerabilities and inefficient configuration. The results were presented to the district's CIO and school board, with prioritized recommendations to improve the security posture of the district's network infrastructure. The client not only engaged Blue Mantis' professional services to upgrade their network hardware and remediate security gaps across their environment, they also contracted with Blue Mantis for ongoing 24/7 managed services to further protect and improve the district's overall infrastructure sustainability and health.

Business Outcomes

Increased Security & Data Protection
By identifying, documenting, and eliminating gaps in network toolsets, configuration, and topology, the client was able to secure student and employee data and applications against cyber threats with a secure-access, zero-trust approach.

Improved Network Performance & Agility
With a newly designed and implemented modern, scalable network architecture, the district increased visibility across its environment and improved speed, reliability, and performance for students and staff.

Increased Focus on Innovation with Managed Services
By engaging Blue Mantis' 24/7 Managed Services for network monitoring, alerting, and management, the client was able to free up IT resources to focus on strategic IT initiatives knowing its network and data were being continuously monitored and managed by an elite team of cybersecurity experts.

At a Glance

Challenges

- No visibility into security gaps across the district's network
- Outdated infrastructure put data and network stability at risk
- Limited IT resources and network design modernization expertise

Benefits

- Minimized risk and protected network applications and data from cyber threats
- Improved network speed, reliability, and performance for users
- Enabled IT to focus on strategic technology initiatives to support students and staff.

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Public schools, like many municipal organizations, face financial and resource challenges when it comes to implementing modern, cybersecure operating environments. Our public sector technology experts help clients protect their data and applications against ever-increasing and sophisticated cyberthreats —all while improving network performance, agility, and business continuity.

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Blue Mantis