

Case Study

Network as a Service (NaaS)

Client

School System

School districts increasingly rely on technology to serve students, teachers, and administrators spread across multiple locations. A typical metropolitan school district can educate more than 30,000 students from K-12; include 1,500 teachers; and consist of 50-plus schools spread across a 100-mile radius.

Challenge	CBTS Solution	Results
<ul style="list-style-type: none">• School districts require connectivity among multiple school buildings• Depend on reliable access to digital resources in and out of the classroom• In need of IT support and protection for confidential information in a cost-effective manner to allow them to focus on their mission as educators• Need to leverage E-rate funding compliant solutions	<ul style="list-style-type: none">• Delivers the network access students need and supports the instructional learning in the classrooms• Empowers IT staff to manage their entire network from an easy-to-use, cloud-based dashboard• Provides performance and manageability at a fraction of the cost and complexity of traditional solutions	<ul style="list-style-type: none">• NaaS dashboard provides complete visibility and control, with valuable insight into network usage and simple remote troubleshooting tools• Delivers a streamlined solution that grows with districts, maintains security, and offers IT support through CBTS Resources• Reliability of predictable expenses via a monthly utility pricing model

Business Challenge

School districts face multiple pain points:

- Need for connectivity among multiple school buildings with access to HQ.
- Demands on internal IT staff members that focus more on maintaining disparate networks than innovation.
- Limited funding for IT equipment despite E-Rate programs that subsidize districts.

Case Study

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Business Challenge (continued)

- Complex security requirements that are necessary to protect confidential student information.

CBTS has a long history of working with school districts and understands their unique needs. NaaS is the latest in a long line of CBTS products and services that allow school districts to offload IT needs and focus on their core mission of educating students.

CBTS Solution

NaaS addresses the unique pain points facing school districts in a cost-efficient and future-proof manner, as hardware refreshes are part of the solution, which eliminates uncertainty around future equipment-related capital expenditures. In addition:

- Auto VPN allows for all LANs to be connected and secure with rinse and repeat model.
- NaaS offloads management requirements to CBTS as partner for 24x7x365 expert engineering support.
- Service includes a fixed-rate for a constant, predictable monthly fee.
- Service offers the ability to set rules and integrate security measures respective of unique needs among segmented groups.
- CBTS proactive monitoring has early detection to halt network infractions and threats.

Implementation and Results

NaaS is positioned to deliver the following results for school districts:

- Streamlined network solution that is turnkey across all locations and scales as school system grows.
- Opportunity to co-manage IT environment with CBTS resources.
- Empowered to transform budget stress into predictable year-over-year expenses.
- Improve user experience and maintain student safety via customized policies.
- Visibility into network activity.