

CASE STUDY:

King Chavez Neighborhood of Schools

Technology Needs

King Chavez had been using the San Diego Unified District's network, but support for charter schools was being phased out. That, along with ongoing network quality and IT support challenges, drove King Chavez to explore options for building out its own network infrastructure. One of its major initiatives was to provide every student and teacher with laptops and/or iPads to participate in classroom activities, access the learning management system, participate in online testing, build out a virtual art exhibit, and other needs. King Chavez also had to work with a number of different vendors, systems, and timelines to transition everything to its new Extreme network, including security systems, HVAC systems, fire alarms, and other operations technology. To complicate things even more, King Chavez runs a serverless network, which required working through additional intricacies to ensure optimal access and connectivity.

Extreme Solution Components

- (60) 510C Wi-Fi 6 Access Points
- (21) 5520 switches
- (81) ExtremeCloud™ IQ Pilot licenses with 5-year subscription plan
- ExtremeAnalytics™

"It has been a pleasure to work with Extreme. I came from a Cisco shop originally and haven't looked back since transitioning to Extreme."

Carlos Salazar, Director of Technology and Innovation, King Chavez Neighborhood of Schools

King Chavez Neighborhood of Schools is a family of five free public charter schools in the San Diego, California area, serving more than 1,500 students from transitional kindergarten (TK) through 12th grade. While KCNS provides a broad range of learning opportunities and activities, like many other school systems, it has learned how to leverage technology to further enrich the learning and teaching experiences.



"We needed a state of the art network that was ready for all of the great teaching and learning happening in our classrooms."

Carlos Salazar, Director of Technology and Innovation, King Chavez Neighborhood of Schools

Results



Improved Network Performance and Management

- Running a serverless network, King Chavez needed a robust solution that could handle the traffic at the switches without impacting performance.
- ExtremeAnalytics delivers data for Board reports and day-to-day operations, helping IT ensure the network is operating efficiently and provide usage data to allow fine-tuning of the network.
- ExtremeCloudIQ provides visibility into the entire network, allowing IT to troubleshoot or adjust the network as needed, anytime, anywhere.



Reliable Connectivity

- The Extreme network ensures consistent, high-performance, secure connections for 15,000 school and personal devices used by the 2,200 teachers, students, and staff.
- The new infrastructure created trust in the network from both a user and IT perspective, with reliable connectivity and fast downloads, supporting a first-rate digital learning experience.
- Fewer connectivity issues mean the small IT team can manage the network and user experience easily.



Attentive and Personalized Sales and Support

- Extreme's sales team catered directly to King Chavez, addressing how Extreme solutions would enable the IT team to achieve its specific and unique technology goals. During the selection process, other vendors focused on bells and whistles King Chavez would likely never need.
- Extreme's rep spoke with King Chavez directly on a daily basis leading up to the installation to ensure all equipment arrived in time to have the network fully operational for the first day of school.
- When two switches went down, along with backup switches, Extreme delivered new switches the next day to ensure all network access would be available without delay.



"Because we qualify for E-Rate, we were able to build a truly state-of-the-art network. The equipment we deployed was very specific not only to support our current needs, but future growth as well."

Carlos Salazar, Director of Technology and Innovation, King Chavez Neighborhood of Schools