

Advancing education with a next-level network.

The Orange Unified School District (OUSD) serves more than 28,000 students and 3,500 employees, including 1,700 educators and supporting staff, in 40 school sites across Southern California. With a mission dedicated to providing safe, equitable and innovative learning, OUSD is a forward-thinking leader in education. Moving early to digitize its teaching and learning services, and with an ongoing relationship with Crown Castle, the district knows that connectivity is critical to its organization and essential to students.

The Need

The district was entering the E-rate bidding season, with an eye to expanded cloud-based operations. Several factors made us particularly well-suited to support the district's priorities:

- ▶ We had an existing relationship with the district, and members of OUSD's IT team had worked with our teams in other districts.
- ▶ OUSD knew us to be a collaborative partner they could trust and rely on to be responsive.
- ▶ Our network team anticipated the coming expansion of cloud-based operations and wanted a high-performing, high-bandwidth network.

Name

**Orange Unified
School District**

Industry

Education (K-12)

District Size

**28,000 students,
3,500 staff members
40 school sites**

Solutions

**Internet Access
Ethernet**

Location

**Orange County,
California**

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**There's really no limit to what
Crown Castle can provide.**

TAM NGUYEN

Director of Information Technology

The solution.

- › We created a hub-and-spoke model for OUSD that fit its network topography.
- › Our solution includes a dedicated 10G ethernet connection between all sites as well as 10G internet access to its data center.
- › The district frequently needs to reroute fiber due to planned construction, but since re-routes are built into our working plan and contract, we have maintained a seamless experience throughout.

The Impact

With the addition of our high-capacity network, the Orange Unified School District established a leadership position in the K-12 space as one of the first school districts in Southern California to upgrade to 10Gbps bandwidth. Now, with its

scalable infrastructure in place, the district has the security and confidence of knowing virtually any needed capabilities or technologies are possible.

Because all home traffic is routed through the district's servers, administrators can filter content and better protect students. And with the move back to hybrid learning, that's important whether the student is at home or in the classroom.

Throughout these changes, the network has been able to handle everything. And as more instruction relies on cloud-based platforms and solutions, OUSD remains confident it can adapt quickly and easily.

Why Crown Castle?

When you work with us, you get a partner who is dedicated to understanding your needs and delivering a solution to run your organization today—while setting the stage for tomorrow's most transformative innovations.

Expertise

Over the last 30 years, we've built and maintained the nation's largest portfolio of shared communications infrastructure.

Consultation

We take the time to carefully consider all your needs and deliver a solution that meets your business requirements and opens up new opportunities.

Service

Our locally based service teams work closely with you to consult, design and deliver solutions that meet your needs, while our state-of-the-art Network Operation Center works around the clock to keep your network running.

Stability

We are the last owner of our networks, and an S&P 500 company with a history of building and operating infrastructure around the country.



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.