



ANIXTER

CASE STUDY

KEEPING FANS CONNECTED WITH THE WORLD'S FIRST OM5 FIBER NETWORK

An Arena Fit for a King

Building a nearly 780,000-square-foot multipurpose venue can be a challenge in its own right, but building “the world’s most connected indoor sports and entertainment venue” in the heart of downtown Sacramento comes with a host of unique challenges. For one, urban environments don’t provide much space to store and stage inventory, and cities typically have strict safety regulations and small delivery windows. The customer also wanted the venue to provide a state-of-the-art fan experience, eliminating guest friction and improving the social experience, which included implementing an enhanced Wi-Fi network capable of handling more than 225,000 Instagram posts per second.

These were the challenges Valley Communications and CommScope were facing when they were contracted to provide technology solutions for Golden 1 Center, which would become the new home of the NBA’s Sacramento Kings. As Anixter has experience with complex urban projects of this magnitude, Valley and CommScope knew they could rely on Anixter to not only provide material for what would be the first OM5 fiber deployment in the world, but also to keep the project on time and within budget.

Designing the World’s Most Connected Indoor Venue

Anixter’s Sacramento office took on the project and immediately employed its supply chain solutions team to meet the demanding construction schedule. To reduce risk in meeting project deadlines, the Anixter team coordinated with vendors and ordered and staged inventory in its 300,000-square-foot Reno warehouse six months before material was needed on site. Anixter also identified and partnered with a local logistics company that could meet jobsite delivery requirements within the 30-minute delivery windows, minimizing delays in construction.

To protect, organize and mobilize material at the job site, wire crates on wheels were used instead of pallets and custom labeling was placed on all material, which told installation crews where the material belonged. In addition to supplying and delivering the low voltage cabling infrastructure and data center material, Anixter acted as a conduit between the design team and the crew that was building the network, facilitating communication between the project managers and integrators.

SUMMARY

Customer

Golden 1 Center in Sacramento, California

Challenge

Data center and cabling infrastructure deployment on a demanding construction schedule

Solutions

- Supply and deliver all low voltage cabling infrastructure and data center material
- Product recommendations
- Material management
- Bill of material management
- Extended the financial terms of the contract
- Custom cut and label of fiber optic cable, high pair count copper and DAS hard-line coax
- Time-specific delivery to site aligned with city’s 30-minute delivery windows
- Handled non-returnable material

Results

- Anixter was the single reliable source for multiple systems during the construction
- Kept lines of communication open between the various parties involved to ensure everyone was in sync and they project stayed on track
- Helped the center become registered as a small business enterprise

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Cutting the Ribbon

Construction of Golden 1 Center was completed in September of 2016. As the single source for multiple systems, Anixter was able to not only build a reliable data center and deploy the world's first OM5 fiber network, but also ensure the successful deployment of the other technologies within the center, including security and professional audio/video solutions. Thanks to Anixter's Supply Chain Solutions and its local logistics partner, there were zero delivery failures and the project stayed on schedule and within budget throughout construction.

Furthermore, Anixter helped the center meet the requirements to register as a small business enterprise, which will provide immeasurable value down the road. Complete with an internet connection estimated to be 17,000 times faster than the average home network and the largest – and only 4K Ultra HD – video screens in the NBA, the new state-of-the-art arena is expected to draw more people out of their homes to watch events live.



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