ANIXTER HELPS LOGISTICS COMPANY BUILD A GREEN DATA CENTER AND OFFICE SPACE

ANIXTER®

SUMMARY

Customer
Logistics company

Challenge
Build a green office and data center space

Solution
Supply Chain Solutions
READY!℠ Deployment Services

Results
- Helped create one of the most sustainable office spaces in Europe
- Linked product delivery to specific build-out phases to minimize material handling on site
- Diverted OEM packaging to recycling centers

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Through good design and the help of Anixter's technical and deployment knowledge, the company was able to construct a technology-forward office building and data center that met its performance and sustainability needs.

Customer Challenge

A logistics company wanted a green office building with adjoining data center to consolidate and improve operations. As part of its commitment to green practices and operations, the company wanted everything to be designed, deployed and constructed with sustainability and functionality as the key factors. The building also required materials to come from sustainable and organic resources. The technologies used throughout the facilities needed to provide the highest form of energy efficiency. All facets of the project from construction to final use needed to be guided by sustainable principles.

Because data centers and today's office buildings are energy-intensive, it is important to install the right technologies throughout to minimize cooling and power needs, extend product life cycles and deliver performance flexibility for future applications. The company also needed that source to implement a green supply chain that minimized waste and improved overall deployment and material management.

Anixter Solution

The installer on the project worked with Anixter to source the networking infrastructure for the office building and data center. To make sure it met future bandwidth requirements, the company wanted the data center to use a 10 Gigabit Ethernet network. As part of the build-out for the passive infrastructure, Anixter was tasked with sourcing the cabling, patch cords and cabinets for five server racks and 24 network racks.

After finalizing the bill of materials, Anixter quickly developed a distribution plan that adhered to the end-user's need for a green deployment. This plan included the use of Anixter's READY!℠ Rack solution, which includes a preassembled rack fitted with the passive infrastructure, such as power, patch panels and cable management, delivered as a single solution to the job site.

As part of Anixter's READY!℠ Deployment Solutions, READY!℠ Rack speeds deployment at the job site by consolidating materials at Anixter's local distribution facility prior to delivery. Instead of each product arriving separately in its own packaging, READY! Rack delivers the solution ready to be installed at the point of use. This minimizes waste while helping to reduce nonproductive labor hours that would be spent opening and disposing of OEM packaging. After consolidation and delivery, Anixter sends the leftover packaging to a local recycling facility and passes along the final weight measurements to any government-sponsored green certification program.

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Anixter also practices targeted, consolidated shipping that delivered the READY! Racks and other support infrastructure to the installer's schedule. Instead of multiple shipments arriving on site, which would require additional storage space, Anixter held the products at a local distribution facility and only delivered them to the job site when required, assigning a single part number to each READY! Rack configuration. This cut down on truck deliveries while simplifying ordering, receiving and installation of materials.

Project Results

Through its READY! Rack solution, Anixter was able to simplify the management of materials at the job site by linking deliveries to the specific construction phases of the infrastructure build-out and packaging the materials to ease the receiving, preparation and delivery to the site for final installation. In addition to the efficient just-in-time deployment, Anixter was able to take all the OEM packaging materials, sort and send the waste directly for recycling, increasing the green credentials of the deployment while reducing unpacking time and debris at the job site for the installer.

The building produces more renewable energy than it uses, making it energy-positive. Through good design and the help of Anixter's technical and deployment knowledge, the company was able to construct a technology-forward office building and data center that met its performance and sustainability needs. Overall, the building is certified Platinum, which is the highest environmental rating under the LEED® for New Construction and Major Renovation™ designation (v2.2.).

READY!℠ Deployment Services by Anixter map our distribution and Supply Chain Solutions to the construction or deployment process of any technology project. We combine sourcing, inventory management, kitting, labeling, packaging and deployment services to simplify and address the material management challenges at the job site(s). READY! Deployment Services by Anixter will help you improve the speed to deployment, lower your total cost of deployment and deliver your product specifications as planned.

The project called for:

READY! Rack includes a complete rack or cabinet with all of the components delivered as one part number.

OVER **8,300** employees

OVER **100,0000** customers

MORE THAN **450,000** products

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