



SUMMARY

Customer

Network Intergrator for a major North American convention center

Challenge

Advanced logistics support and material management services for large convention center

Solution

READY!SM Rack
READY!SM Cabinet
eAnixter

Results

- Created kits to speed customer orders and audits
- Created zone-specific kits to facilitate prompt, accurate on-site delivery
- Minimized packaging materials for improved waste management
- Convention center won the highest LEED certification



With minimal site storage available, Anixter's READY!SM Deployment Services were critical in getting millions of dollars worth of material to the site when they were needed.

Customer Challenge

Expansion of a major North American convention center included the construction of a new facility and renovation of the existing structure—a total of 1.1 million square feet. An integrator was awarded a contract to install a new high-speed local area network (LAN) in the 338,000-square-foot expansion of the main facility and in the existing 133,000-square-foot structure.

According to plan, construction would be completed in time for it to house a major convention in the summer of 2009. Following that opening date, the buildings would be closed for conversion into a media center. As an expert in the installation of complex data networks, the integrator needed a material management solution that simplified product procurement and provided enhanced delivery to the job site. The integrator turned to Anixter and its READY! Deployment Services to meet its needs for products, technology and supply chain expertise in phase one of the project.

Program Scope

The 1.1 million-square-foot site was divided into construction zones with designated delivery points. The LAN included two server rooms and 41 communications rooms that required 5 miles of backbone fiber and more than 7,500 Category 6 cable drops. At its peak, more than 700 tradespeople worked to install more than 270,000 meters—167 miles—of Category 6 cable, fiber optic cable and other networking components. The center also was aiming for LEED (Leadership in Energy & Environmental Design) certification, which certifies successful green building design, construction and operations. Anixter needed to confirm that its practices met the sustainability guidelines set by the end-user.

Anixter Solution

Anixter worked with its manufacturer partners and integrator to create a comprehensive bill of materials for the project. The manufacturers shipped materials to Anixter, who created a dedicated inventory program to provide complete visibility of all materials via Web access. eAnixter allowed the integrator to have real-time access to specifications, pricing and inventory availability. By offering the ability place and track orders online, Anixter better integrated its material management process with the integrator to streamline the overall supply chain. Anixter warehoused the materials in a local distribution center, and by using customer provided schematics, Anixter preassembled 24 READY! Racks and 23 READY! Cabinets to speed upon-site installation and enhance the productivity of skilled electrical workers at the site.

CASE STUDY

INTEGRATOR USES READY! DEPLOYMENT SERVICES TO UPGRADE CONVENTION CENTER



As part of Anixter's READY! Deployment Services, READY! Rack and READY! Cabinet provide a fully customizable rack or cabinet solution with patch panels, vertical and horizontal cable managers, power bars and other components that produces significantly less waste and debris at the job site.

With space at the construction site extremely limited, Anixter's READY! Deployment Services provided scheduled deliveries from the warehouse to designated gates and locations. To improve productivity on-site and reduce office paperwork, Anixter developed a flexible ordering system for subcontractors who needed parts immediately. Rather than request a purchase order and wait several days for it to be processed, Anixter created a credit card authorization system that allowed designated subcontractors with credit cards on file to order parts for delivery to the site within hours. The on-site construction management team had access to eAnixter, the online system that provides real-time access to inventories, order placement, tracking and other timely information. When an order was shipped from the warehouse to the construction site, the project manager was notified electronically of the time frame in which it would be delivered and the exact location of the delivery.

Due to the size, complexity and location of eight of the cabinets within the expansion, Anixter worked with the customer and a specialized cartage service to deliver the assembled cabinets to the site and then hoist them into position in the utility corridor, a tunnel in the center of the expansion facility underneath the exhibition hall floor. Because the site lacked storage space, delivery schedules were critical—and tight. Anixter cut 5 miles of fiber tube cable and an equivalent amount of Category 6 backbone copper cable in the lengths required and shipped the amount needed to the site to meet the customer's daily or weekly installation requirements.

Anixter participated fully in the concerted effort to gain LEED certification for the facility by adhering to its recycling program for paper, metal and wood. All paper debris was removed from the site on a regular schedule, and where possible, Anixter removed packaging at its warehouse. Cardboard and paper were weighed and placed in recycling bins. Scrap metal was removed from the site by a metal recycling firm, and wood reels were reused or recycled. For all the materials, Anixter provided to the integrator documentation that validated recommended LEED processes were followed.

Project Results

With minimal site storage available, Anixter's READY! Deployment Services were critical in getting millions of dollars worth of material to the site when needed. By using its READY! Rack and READY! Cabinet offerings to preassemble kits off site and ship directly to the exact LAN room in the facility, the technicians received a solution that could be dropped into place and installed quickly, which helped to save time, reduce downtime and drive efficiencies.

By using Anixter's READY! Deployment Services, Anixter removed more than 1,000 pounds of cardboard, 79 pounds of plastic and 160 pounds of trash associated with the racks, cabinets and cabling from the site. The center won the highest LEED certification, Platinum, and earned the "Go Green" award from the International Building Owners and Managers Association.



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.

This project called for:



READY! Cabinet includes a complete rack or cabinet with

all of the components delivered as one part number.



READY! Rack includes a complete rack or cabinet with

all of the components delivered as one part number.

About Anixter: anixter.com/aboutus
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Anixter Inc. World Headquarters
2301 Patriot Boulevard
Glenview, Illinois 60026
224.521.8000

1.800.ANIXTER | anixter.com



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