



SUMMARY

Customer

Oil, gas and petrochemical manufacturer

Challenge

To increase oil extraction capabilities by linking plants, administration buildings and field camps to a unified, high-speed data communications network

Solution

READY!™ Cabinet

Results

- Managed lead times and simplified order management for on-time completion
- Confirmed all materials arrived kitted and packaged at the job site under one part number
- Helped to shorten the duration between project inception and the first extraction



This solution would allow the company to monitor operations from a centralized location to streamline processes and meet its extraction goals.

Customer Challenge

The oil reserves in western Canada are second in size only to Saudi Arabia's. Production of the high-quality refined petroleum that goes to market from these reserves requires intense extraction and refinement practices. For one of Canada's largest energy producers, these oil reserves represent its long-term growth strategy to supply petroleum to the North American market. To increase its oil extraction capabilities, the company wanted to link its plants, administration buildings and field camps together with a high-speed data communications network. This network would provide real-time information to drive capacity and efficiency in the energy-intensive process while helping to reduce environmental impact.

Because the company wanted to support its legacy investment, it needed a solution that could provide the latest technological advantages while providing a migration path to a unified cabling network. To confirm the administration and field teams could meet their goals for continuous operation, extraction and efficiency, the company needed a partner to effectively deploy the communications, process control and automation cabinets to accommodate the harsh environmental conditions.

Program Scope

The network upgrade required the customer to integrate 42 freestanding cabinets and numerous wall-mount cabinets into their network. Once implemented, this solution would allow the company to monitor operations from a centralized location to streamline processes and meet its extraction goals. The company approached Anixter about providing the cabinets, custom cable management, fiber optic connectivity, Category 6 copper cable and electrical wiring. With a two-phase deployment schedule, the company needed a solution that would meet its networking infrastructure requirements sourced and delivered within the project's timeline.

Anixter Solution

Each cabinet required 22 part numbers for the housing and 38 line items for the interior. Anixter was asked to source materials from 12 different manufacturers, to inventory the necessary products and to manage lead times to confirm on-time deliveries and increase the speed of deployment. Anixter recommended that each cabinet be specified and ordered as a single part number with all the related infrastructure and components. By doing so, Anixter streamlined the process by consolidating all the materials into one purchase order, helping to reduce the administrative work required. With each cabinet solution meeting specifications, the company could be assured that all of its facilities and operations would reside and interoperate on the same network.

NETWORK UPGRADE INCREASED OIL PRODUCTION



After working with the customer to confirm the right cabinet components configurations and cable management systems were properly specified, Anixter used its READY!™ Cabinet solution to kit and package the cabinet and accessories items together to deliver all materials arrive at the job site as one solution. As part of its READY!™ Deployment Services, READY! Cabinet provides a complete cabinet solution with all associated infrastructure and components delivered as one part number.

Because READY! Cabinet reduces the amount of material going to the job site, Anixter was able to coordinate delivery with the customer's carrier to confirm all materials arrived on site as one delivery with no time lost in transit. Upon arrival, the cabinets were ready-to-install into the existing operations frameworks, allowing for minimal network downtime and a quicker time to full production operations. As a result, the installers could quickly move to finalize the installation and certify the system.

Program Results

The lead project manager for the company said that Anixter's technical expertise coupled with its supply chain experience allowed the company to feel confident about the effectiveness and quality of the project's deployment. To go forward with the project, the company needed the highest level of technical expertise, but it also needed an efficient process to help deploy its high-performance solutions. With READY! Cabinet solutions, the customer could rapidly deploy its technology across the field. Anixter streamlined the deployment process, allowing the company to experience cost savings, simplified order management, on-time and on-budget completion of its project.

From start to finish, Anixter supported the customer's deployment process by allowing the company to focus its energies on its core competencies. The scalable and repeatable READY! Cabinet solution helped to shorten the duration between project inception and the first oil extraction. By using the best available technology, the company now has a long-term solution to refine the huge oil reserves into marketable products, while lowering the cost of crude oil.



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 cabinet with all of the components delivered as one part number.



Anixter streamlined the deployment process, allowing the company to experience cost savings, simplified order management and on-time completion of its project.

OVER 8,300 employees

OVER 100,000 customers

MORE THAN 450,000 products

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