



## SUMMARY

### Customer

Mine operator

### Challenge

Fast-track construction of open-pit mine

### Solution

Cable specifications  
READY!<sup>SM</sup> Cabinet

### Results

- Properly specified copper and fiber cables early in the project cycle
- Conducted quality checks and positioned cable on site, ready to be installed
- Saved over \$300,000



Anixter's technical expertise helped to drive cable specification, which eventually saved the operator significant costs. By relying on Anixter, the operator received a solution that met technical needs, was deployed in an optimized supply chain, and that confirmed the project went online by its target date.

### Customer Challenge

A mine operator decided to open a new mine to take advantage of favorable international gold prices. Once completed, the open-pit mine will use a 600,000 meter drill to process more than 55,000 tons of ore per day and produce 591,000 pounds of gold per year. The operator hired several contractors and subcontractors to construct the mine on a fast track within five months.

The operator approached Anixter with a bill of materials including the copper and fiber cable, switches and cabinets it needed for the project. With such a short deployment period, the operator needed to get the material as quickly as possible in order to get its operations up and running. The \$2.5 billion project (which also called for moving and building an entire new village near the mine site) represented a major investment by the operator. Armed with the knowledge of the technical specifications, Anixter worked with the operator and contractor to procure and deliver the right products to confirm the full production capabilities of the mine.

### Anixter Solution

When Anixter met with the operator's engineer, it found that the original copper cable specifications for the mining equipment were too large for their need. By meeting with the engineer, Anixter was able to recommend a cable two sizes smaller than what was originally specified. This specification adjustment helped to save the operator \$300,000 in cable costs.

Based on Anixter's recommendations, the operator decided to go with a fiber cable for the communication and automation aspects of the project. Anixter worked with the operator and a manufacturer partner to develop a product solution that met the lower size specifications as well as used fewer splices. Because of the length of the mine, the operator didn't want as many splices.

In addition to the fiber cable, the operator also needed communications cabinets that connected to the programmable logic controls (PLC) on the drilling equipment. The PLC switches are used for the automation of the drilling in the mine. The communications cabinets and fiber cable provided enhanced control and communication with the operating equipment. Anixter provided the switches, cabinets and cabling for the system.

## CASE STUDY

# NEW MINE GETS ONLINE IN TIME WITH ANIXTER'S READY! DEPLOYMENT SERVICES



Anixter delivered the products to the job site using its READY! Cabinet offerings. Part of its READY! Deployment Services suite of Supply Chain Solutions, READY! Cabinet includes all of the necessary infrastructure components delivered in one preassembled cabinet to the job site. The cabinets arrived at the job site with the fiber patch panels, copper patch panels and automation switches. With READY! Cabinet, the contractor only needed to install active components. Each READY! Cabinet arrived on site labeled with its specific installation location.

Anixter mapped out the deployment of the READY! Cabinets and the fiber cabling to the deployment schedule of the contractors. By matching product delivery with the build out schedule, Anixter was able to confirm that only the materials needed for immediate installation went to the site, labeled and tagged with the appropriate site-specific installation location.

### Project Results

With a project of this size and under such time constraints, it was important that the needed material arrived on site when it was required. Anixter's READY! Cabinet and Supply Chain Solutions confirmed the communications cabinets and fiber cabling arrived at the job site ready to be installed, which sped up installation time. By having the items labeled and tagged before shipment, the contractors knew exactly where and when the products would arrive. Anixter's on-site representative helped to conduct quality checks and position the cable where it was needed to be installed.

Throughout the project, Anixter continued to foster an excellent working relationship with the mine operator, relying on constant communication and quality checks to make sure the project was completed on time with the necessary quality requirements. Anixter's technical experts helped the customer redesign their specifications, which eventually saved the operator significant costs. By relying on Anixter, the operator received a solution that met its technical and deployment needs ensuring the mine went online by its target date.



READY!<sup>SM</sup> 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 or rack with all of the components delivered as one part number.

OVER  
8,300  
employees

OVER  
100,000  
customers

MORE THAN  
450,000  
products

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