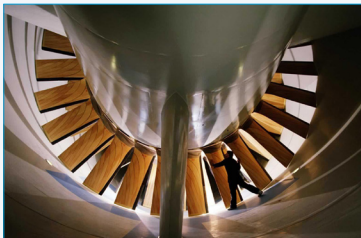


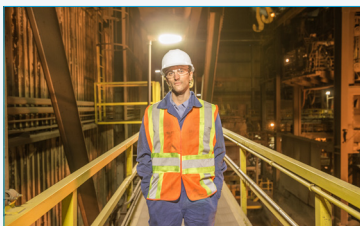


Goldcorp Enhances Workplace Safety and Boots Efficiency

With the Internet of Everything, Goldcorp has:



Reduce energy costs between \$1.5 and \$2.5 million per year



The ability to locate employees in an event of an emergency 45 to 50 minutes faster than before



Near real-time insight into the status and location of equipment

Employee safety and efficiency are top-of-mind priorities for mining operators throughout the world, including one of the world's fastest growing gold producers. Goldcorp is embracing the Internet of Everything (IoE) in the Éléonore mine in Quebec to build the mine of the future for safer mining operations.

Goldcorp looked to technology to deliver improved visibility and management over its operations, regardless of location. Goldcorp chose Cisco to deploy a Connected Mining solution. Now, Goldcorp can manage its communications and mining operations on one highly secure, multiservice IP network. Built to withstand harsh conditions, the solution delivers unified highly secure access from any device and any location. At the heart of the solution is a robust underground Cisco® network that can enable the firm to track people and equipment at

all times. This solution helps Goldcorp immediately respond to emergencies, locate equipment, and manage its energy usage and costs with ventilation on demand.

The firm added several components from Cisco partners, including an intelligent ventilation system to conserve energy and improve airflow. Automated fan systems respond to signals emitted from AeroScout Industrial's radio frequency tags, which are tracking devices worn by all underground employees and installed on 80 pieces of underground machinery. With the combined solution, Goldcorp can track real-time locations of both employees and machinery, and measure air quality for optimum working conditions. With a more connected mine, Goldcorp is dramatically improving the efficiency of its operations.

"It's important to use and maximize technology wherever we can improve safety, quality, efficiency, productivity, and cost. Everyday we wake up and we find ways of doing things better and smarter, and this is a living example of achieving that objective"

Guy Belleau
SVP Mine General Manager, Goldcorp Éléonore