



CUSTOMER CASE STUDY

# UPTAKE CREATES \$28M IN VALUE FOR ONE OF THE WORLD'S LARGEST COPPER PRODUCERS.

**READY TO UNLOCK YOUR POTENTIAL?**

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The leading copper producer used Uptake Radar to identify nearly \$28M in untapped maintenance cost savings. Thanks to increased equipment availability, an estimated additional 4,000 tons of copper can be processed while eliminating over 600 unnecessary maintenance work orders - all because of Uptake's software insights.

**OVERVIEW**

One of the world's largest copper producers used its vast amounts of equipment data to uncover \$28M in incremental value by using Uptake's software, saving time and money on maintenance operations and increasing revenue with additional production capacity.

# \$28M

incremental value by using Uptake's software

**CHALLENGE**

Over various engagements with global leaders in the mining industry, Uptake regularly gets asked for help with a common challenge: Breakdowns of critical equipment typically cause severe downstream issues and often bring an entire operation to a halt. In addition to the operational impact of breakdowns, many maintenance tasks are executed following unplanned events, bloating the cost and reducing the impact of maintenance programs. Maintenance inefficiencies are eating up resources that could otherwise be invested back into the operation.

The story was the same with one of the world's largest copper producers: Frequent breakdowns of critical equipment including conveyors, rotary coolers, and mills were costing tens of millions of dollars in maintenance and lost production. The company selected Uptake to help stop this loss of dollars, time, and value to their business.



## SOLUTION

Uptake worked closely with the mining company's maintenance and reliability teams, their operations teams, and subject matter experts to identify the biggest cost saving opportunities across their business. The focus was on augmenting the impact of existing resources (people, technology, and data) by leveraging artificial intelligence algorithms to flag equipment issues and help optimize their maintenance plans. With the objective of improving efficiencies across the operation, Uptake helped the customer refine scheduling of planned maintenance and the overall maintenance program.

By using Uptake Radar's pre-trained and asset-specific analytics tools, the company was able to reduce overall maintenance cost by converting unplanned downtime into planned maintenance while increasing the availability of critical equipment. As a result, nearly 4,000 additional tons of copper can be processed and more than 600 unnecessary maintenance work orders were removed.

In collaboration with the customer, Uptake estimated the total potential value of Radar to exceed \$28 million in terms of prevented failures, optimized maintenance spend, and increased throughput opportunities.

Uptake continues to support the customer's project team to assure the realization of the estimated value. Currently ongoing work focuses on deploying Uptake Radar on all relevant equipment types beyond the initial focus on the highest-value machines.

# 4,000

**additional tons of copper can  
be processed**

# 600

**unnecessary maintenance  
work orders were removed**

**You have the data to make critical decisions about your mining business at scale. Let us help you use that data to save millions.**

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