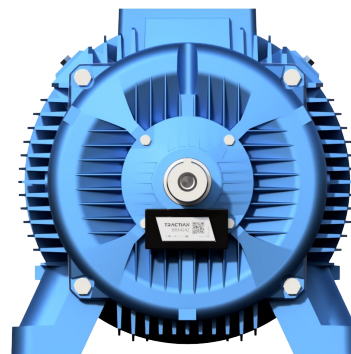


Cases and Applications

Motors and Pumps



Problem

A large Brazilian beverage manufacturer was experiencing bearing problems in its rotating equipment. Maintenance was only done when a noise was detected. Analysis errors in these intervals led to excessive unplanned downtime.

Up to R\$84,000 were lost due to critical failures in pumps and ventilation systems

Solutions

- 31 Tractian sensors were installed in 18 pumps, 5 fans, and 8 motors.
- The complete setup took only 6 hours (12 minutes/sensor). Soon after, all machines were online and available on the platform.
- Automatically training the assets took only 5 days, Tractian's algorithm categorizes and identifies the condition of the equipment, ready to generate insights into potential failures.

Results

More than R\$600 thousand saved in the first year.

30% reduction in last minute maintenance occurrences.

45% increase in the reliability of the monitored equipment.

Parts are purchased in advance, making maintenance more efficient.

Expansion to another 2 plants with +300 rotating assets.