



SENSEYE PREDICTIVE MAINTENANCE

Mercer Celgar: Machine Monitoring

Mercer Celgar is one of the largest pulp and solid wood product producers, priding itself on its large-scale, modern facilities that primarily produce softwood and hardwood pulp. In addition, they generate green energy based on biomass and operate one of the largest softwood lumber mills



Customer

Mercer Celgar



Location

Canada



Timeframe

2018



Scope of delivery

N/A

The task

In 2018, Mercer Celgar were facing cultural and technical disruption when their automated machine health diagnostics provider discontinued the use of the system, which led them to begin their search for a new provider.

They required a scalable predictive maintenance solution that could efficiently integrate and process large volumes of data from multiple sources, enhance machine learning and forecast failures whilst monitoring asset performance.

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The solution

First class Artificial Intelligence (AI), system integration and the proven capability to help maximize of uptime were significant factors when choosing a new provider. They were also looking for a system with the right cultural fit that aligned with their goals. After considering various solutions, in 2018, they selected Senseye Predictive Maintenance to seamlessly integrate with their new CMMS system and replace their previous automated machine health diagnostic software.

The partnership was a result of three pilot deployments that were primarily based on a combination of structured and unstructured learnings. Senseye Predictive Maintenance allowed the client to monitor multiple production lines and provide individual reporting across every machine type in one platform. This meant their performance could be tracked and compared, while also giving their maintenance teams early insight into potential breakdowns and failures.

The result

The implementation of Senseye Predictive Maintenance has opened specific job roles within the organisation and has also allowed them to now have a single source of truth for machine performance by combining multiple data streams into one platform. Mercer Celgar is now able to monitor machine performance and process data at scale, which includes the monitoring of multiple production lines and individual reporting and comparison on each machine type.

Dragan Trivanovic (Asset Condition Manager at Mercer Celgar) stated “From pilot project to implementation, I was very impressed with the support provided, especially training and account management. Predictive Maintenance is just a step toward prescriptive maintenance, which is where we would like to be in the very near future. Senseye Predictive Maintenance acts as a great tool to support this.”

Highlights

- Senseye Predictive Maintenance has opened specific job roles within the organisation and have a single source of truth for machine performance by combining multiple data streams into one platform.
- They can now monitor machine performance and process and data at scale.

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