



Procemex One Platform Vision Applications | Automatic Threading Rope Monitoring

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Monitor the Threading Rope Conditions 24/7 with Machine Vision

The Procemex One Platform Threading Rope Monitoring enables paper and board mills to monitor the condition of the threading ropes 24/7, helping mills to avoid unplanned production shutdowns. This leads to significant cost savings by reducing unplanned downtime. Rope Monitoring and analysis offers risk mitigation for equipment damage and personal safety.

Installing a new rope requires shutting down the paper machine. Threading a new rope through the machine without the old rope can take 12 to 24 hours depending on the damages. This is why the Automatic Threading Rope Monitoring Application is such a game changer.

The application helps the operators to take needed actions on right time.

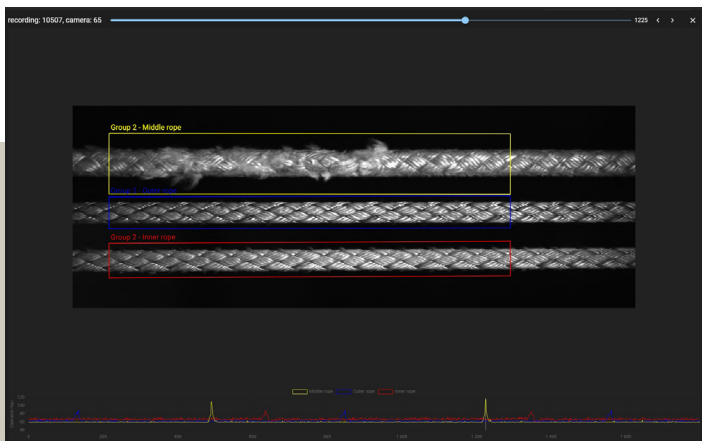
The system provides visual and numeral information about the condition of rope groups.

This information helps operators to optimize the frequency and timing of rope changes and enables that ropes can be changed as preventive maintenance during scheduled machine down times.

Key Benefits

- The condition of the threading ropes is monitored 24/7
- Increases mill and operator safety
- The condition of the ropes can be monitored along their entire length, not just the sections where they're visible on the paper machine.
- Helps to prevent unexpected rope & web breaks and unplanned machine shutdowns
- Helps to optimize threading ropes' change intervals
- Boosts operational effectiveness. Re-threading ropes with the help of the old rope still in place, saves up to 12-24 hours.

**IMPROVED
SAFETY**



Get detailed information about the condition of the ropes.



The condition of the ropes is presented in visual and numerical format.



By leveraging trend analysis, the operators can visually track the rate at which ropes degrade over time in comparison to past occurrences.