

The Sustainability Manufacturing Case Pulp and Paper Industry



Identifying Root Cause of Drive Failures Saves Millions



Background

One of the world's largest pulp and paper manufacturers, with over 200 sites worldwide, experienced drive failures without known cause. These failures at one of the world's 10 largest paper mills cost millions in lost drives, unplanned downtime, and other costs.

Rockwell Automation and their local authorized distributor team from The Reynolds Company / McNaughton and McKay engaged Denison Technologies to determine the root cause of these asset failures that were costing millions. All agreed to a close collaboration. A Denison-Rockwell-customer partnership would remediate problems in this plant and similar failures throughout the company.

Denison Technologies Solution

- Comprehensive Power Quality Assessments and Project Management
- Delivered Denison Technologies engineered Monitoring Gateways
- Integration with OEM and other resources through project completion
- Remote secure monitoring using Denison's SaaS SCADA software application
- Data analysis, interpretation and reporting of relevant actionable insights
- Comprehensive Engineering Report with ROI calculations

Results

- Measured ROI of over 800%
- Reduction in unplanned downtime over 500%
- Reduced number of failed drives sent to landfills prematurely by a decade
- Identification of root cause of failures impacting other industries
- Increased customer loyalty and add on solution-based projects within industry



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DenisonTechnologies.com From Device to Data to Sustainable.