

Reliability 360

Wire & Cable Manufacturer Saves \$74,000

CUSTOMER CHALLENGE

The manufacturer struggled with frequent unplanned downtime. So they partnered with ATS to professionally install sensors on their critical assets to improve uptime with an all-inclusive <u>machine health monitoring system</u>.

R360[™] MACHINE HEALTH MONITORING

Our team of reliability experts went to work and deployed the following:





REAL-TIME DATA ANALYSIS





IMPLEMENTING CORRECTIVE ACTIONS

REAL-LIFE EXAMPLE



Reliability engineers at the ATS Reliability 360[®] Technology Center received an alert that vibration on a reel and motor drive was increasing.



The team performed a detailed analysis of the drive train utilizing a full suite of tools and dashboards and found that

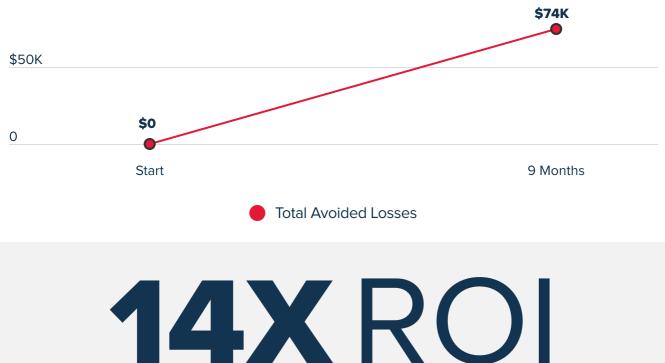
one of the bearings supporting the dog arm shaft was failing and one of the motor mounts was loose.

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Quick prescriptive actions were given to the ATS technicians on-site at the plant that mitigated 14 hours of downtime and saved significantly on replacement parts.

BOTTOM-LINE SUCCESS

The annual program avoided losses of \$74,308 and resulted in **14X ROI** within the first nine months



Interested in learning more about Reliability 360[™] Machine Health Monitoring? Visit our <u>website</u>.

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