



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 machine health monitoring system.

R360™ MACHINE HEALTH MONITORING

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



SENSOR TECHNOLOGY

24/7

MONITORING OF CRITICAL ASSETS



REAL-TIME DATA ANALYSIS



IMPLEMENTING CORRECTIVE ACTIONS

REAL-LIFE EXAMPLE

1

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

2

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.

3

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



14X ROI

Interested in learning more about Reliability 360™ Machine Health Monitoring? Visit our [website](#).

