



# Motor and Pump Manufacturer Mitigates 1,500+ Hours of Downtime

## CUSTOMER CHALLENGES



Implementing a PdM strategy



Eliminating unplanned downtime



Monitoring critical machine assets

## R360<sup>®</sup> MACHINE HEALTH MONITORING

By monitoring and analyzing vibration and temperature data, potential failure modes can be avoided thereby eliminating significant and costly unplanned downtime.

The tailored solution includes:



All software, communication network, data storage, installation and system maintenance



Deployment of sensors on all critical assets



Continuous monitoring and expert guidance from dedicated reliability engineers

### Typical Example

The Reliability Engineer (RE) analyzes real-time data and observes an angular misalignment & possible irregularity at coupling between the pump and motor.



The RE notifies the on-site maintenance team.



The on-site maintenance team takes action to inspect and fix the alignment between the pump and motor to prevent a future failure.

Due to the quick detection and communication throughout the team, the plant saved significant dollars and avoided costly downtime.

## BOTTOM-LINE SUCCESS

In the first 18 months, the following successes were achieved:

# 1,500+

DOWNTIME HOURS PREVENTED

# \$739K

DOWNTIME COSTS AVOIDED

# \$2.3M

TOTAL AVOIDED LOSSES

# 38X

ROI

Want to learn more? Visit our [website](#).

