

THE PROBLEM:

In metal production, having up-to-date information available is critical for decision-making and planning processes, but that information does not generally move to decision-makers quickly enough to leverage its full value.



COST OF OEE LOSS AND MAINTENANCE REACTIVITY

Availability: \$10K /hour
Performance: \$2k /hour
Quality: \$25 /ton
Maintenance:
200-400% of optimal spend

INDUSTRY SAVINGS POTENTIAL

\$25B /year
\$10 - \$40M /Facility/year
\$1 – 5M /production line/year

BUSINESS BLIND SPOTS:

There are several inherent challenges related to understanding asset health and total risk holistically.



In today's data-rich world, our data resides in a wide range of formats across multiple platforms. Aggregating data quickly for the best and up-to-date understanding of the business is difficult.



Wireless vibration sensors, continuously monitoring your asset's health can be aggregated with many other data types including: Process Variables, Business Plans, Thermography, Ultrasonic Data, Motor Current, Lubrication Condition, and others



Our analysts, artificial intelligence algorithms, and a close partnership with your team ensure actions on the front-line support your business objectives for the month, quarter, and beyond.

A NEW APPROACH TO DECISION-MAKING

Knowing the state of your asset health and processes can take 75% of the time spent looking for the right data out of the way so you can repurpose that time to improving your business.

Having immediate access to REAL, actionable data means you can:

- Address problem areas before money is lost
- Boost shareholder confidence
- Negotiate lower insurance rates

And now you can start looking to the future:

- Which business unit needs my help the most?
- Which asset classes would benefit from a new maintenance strategy?
- And more...



“Technology that Elevates People”

– Jeremy Frank, CEO –



HARDWARE

- V3 vibration sensors to measure biaxial vibration on assets based on Criticality to the business.
- BS4 base stations to remotely send the collected data to the cloud for analysis and provide an edge-computing platform for automation using both our data and yours.
- Current customer data lake servers, wired sensors, route based PdM collection devices.



SOFTWARE

- SmartDiagnostics
- Dashboards
- Callout reporting
- Analytics models



REAL-TIME DATA

- Vibration data.
- Temperature data.
- Customer process, PLC, and sensory data.
- Route based PdM data.
- Continuous Monitoring data from other industry leading partners in Ultrasonic, Lubrication, and other formats.



TRAINING

- Quarterly Business Reviews and summary of partnership with top leadership.
- Sentry site visits, online and in-person training
- Customer training/handbooks
- KCF Academy

CONTACT US!

Call **814-867-4097** or email sales@kcftech.com for information.

