AI Driven Predictive Maintenance
Optimize uptime & performance

Manufacturing teams spend 10-15% of their operations budget on maintenance activities, while still experiencing unexpected, unnecessary stoppages of critical primary & auxiliary equipment

Enhance asset lifespan, uptime & productivity with
Tredence's Azure-based Predictive Maintenance Solutions

Our smart manufacturing solutions help companies drive operational efficiency & maximize value from key assets.

- Relevant for all rotating equipment, where vibration is a key leading indicator of potential issues
- Focuses on Risk Based Inspection, rather than Time Based, reducing unnecessary disruptions
- Continuous monitoring of Time to Failure & Remaining Useful Life
- Can be integrated with CMMS systems to enable smooth scheduling of maintenance activities

Reach out to us at alliances@tredence.com.

Tredence is an AI engineering and solutions leader that focuses on the last-mile delivery of insights into actions by uniting its strengths in business analytics, data science, and software engineering.

Enable smart manufacturing with our AI Driven Industry X.0 Solutions

AI Algorithms
Deep Learning algorithms, trained to detect & classify anomalies

Root Cause Analysis
RCA Engine to quickly pin-point the source of the problem

Data Wrangling
Scala/Spark structured streaming on Databricks for high-speed compute

IoT Edge Integration
Enable real-time monitoring & insights through streamlined implementation on the Edge

Ops for AI-IoT Edge
Automated pipeline & Governance frameworks for monitoring & troubleshooting

Business Impact

7-10% improvement in equipment uptime

15-20% reduction in maintenance costs

2-4 % reduction in production costs

Tredence
Connect the Dots