

# Predictive Maintenance



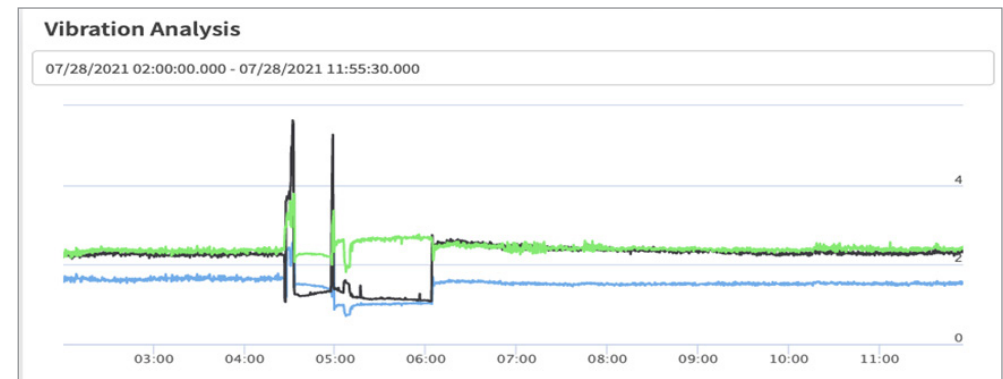
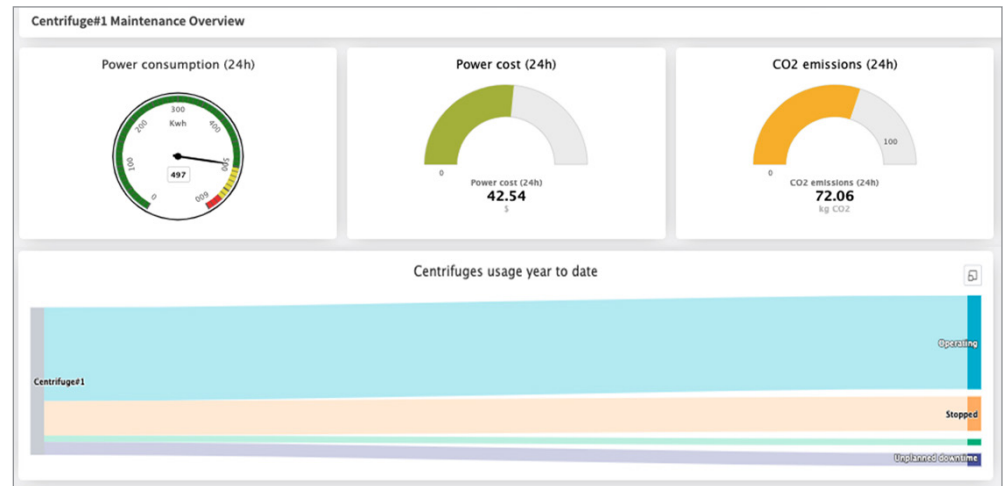
**The existing maintenance approach** for most Life Sciences manufacturers suffers from frequent and costly interventions, high maintenance costs, and extended periods of downtime. Historically, there have been few, if any, mechanisms in place to detect unexpected maintenance issues, and many major repairs end up being reactive. Planned downtime is expensive, but unplanned downtime is even more costly.

Aizon's Predictive Maintenance solution creates predictive insight and recommendations into likely equipment and sensor failures and asset maintenance needs. Built on a real time data ingestion and contextualization platform designed to deploy and monitor AI models in a GxP compliant environment. Predictive Maintenance gives manufacturers the ability to proactively plan for optimal maintenance before issues occur.

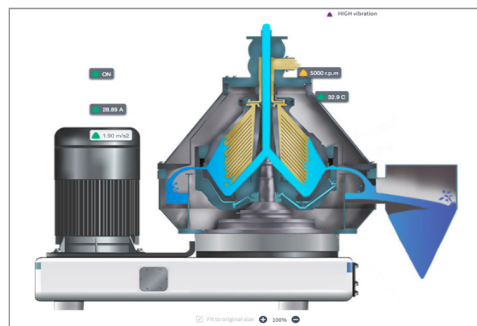
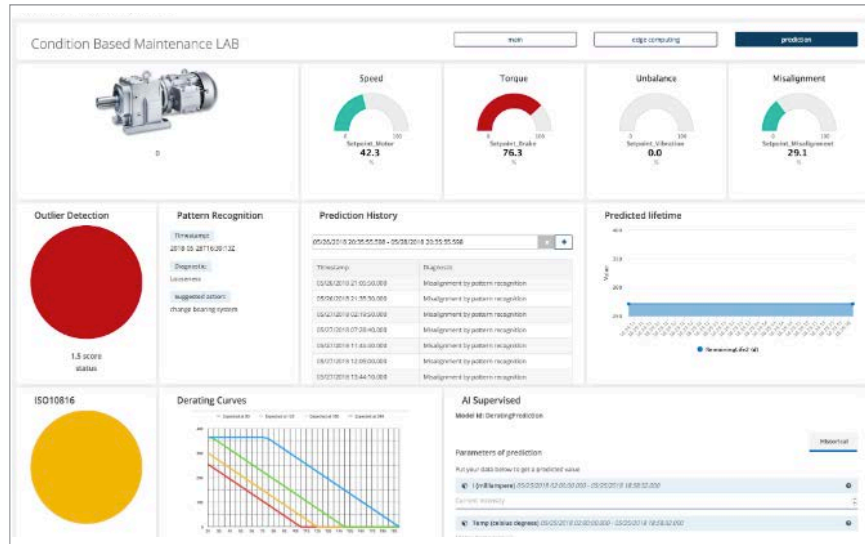
## Key Features and Benefits

**Apply** AI / ML models to real time asset data to decide optimal time to perform maintenance tasks and secure zero impact to production

**Receive** advanced warnings on potentially at-risk asset conditions to request technicians and engineers to prepare for corrective maintenance in advance



**Plan** production schedules and output by predicting asset performance and relevant maintenance tasks.



**When AI models are applied to real-time equipment data with Aizon Predictive Maintenance,** manufacturers can monitor real time asset conditions and receive recommendations on when asset maintenance is needed next, leading to decreased maintenance costs, investigation time, equipment downtime, and maintenance-related deviations.

## Aizon's Platform

Aizon's solutions enable life sciences manufacturers to improve decision making and outcomes by aggregating data and deploying compliant AI across the manufacturing ecosystem.

## GxP Compliance

The platform allows you to maintain full GxP compliance via robust security features and data validation processes that are specifically designed to adhere to dynamic pharmaceutical regulatory requirements. Aizon complies with industry standards to provide GxP compliance you can trust:

- Quality: ISO 9001
- Information Security: ISO 27001
- Cloud Security: ISO 27017
- All data collection performed in accordance with ALCOA+ principles