



Optimal<sup>®</sup>



# Predictive Analytics

## THE OPPORTUNITY

Get ahead of the masses and bring together your asset data applications to a single source of truth. More information is available about the health and performance of your equipment than ever before, with sensors being able to communicate increased amounts of data in real time. Predictive Analysis allows you to quickly transform raw data into actionable insights to prevent equipment failure and make smarter decisions that improve operations. This enables organisations achieve the desired value from critical assets by supporting Predictive Maintenance Programs with early issue warning detection before existing operational alarms kick in.

## THE SOLUTION

Through our partnership with Aveva, Optimal team utilise tools that integrate with existing data historian systems and can be combined with condition monitoring solutions to create the ideal analytics tool set for a comprehensive Asset Performance Management Programme. These tools learn an equipment's unique operating profile, and historical asset sensor data can also be used for advanced modelling in comparison with real-time operating data to determine minor deviations from expected behaviour. If an issue is identified, root cause analysis and other diagnostics can help understand the reason and significance of the issue.

**Gain a clear view of Process & Operational data from multiple systems, for frictionless dashboard analysis and decision making.**

## FEATURES

- ⇒ Utilisation of existing Data Sources
- ⇒ Advanced Data Analysis
- ⇒ Alerts and Alarms
- ⇒ Secure Data
- ⇒ Monitoring of Live Data

## KEY BENEFITS

-  ⇒ Unlock critical data  
Access contextualised data from multiple sources in a single cloud environment to gain operational insights anywhere, any time.
-  ⇒ Improve Asset Reliability  
Gain asset performance insights and respond to anomalies earlier with artificial intelligence and powerful analytics.
-  ⇒ Increase Collaboration  
Empower the connected worker and break down silos with a single source of truth and customized alerts for better, faster decisions.
-  ⇒ Drive Operational Performance  
Collect equipment downtime event and production data from your plants. Empower operators and engineers to drive performance improvements with visibility of equipment efficiency KPIs in real time.