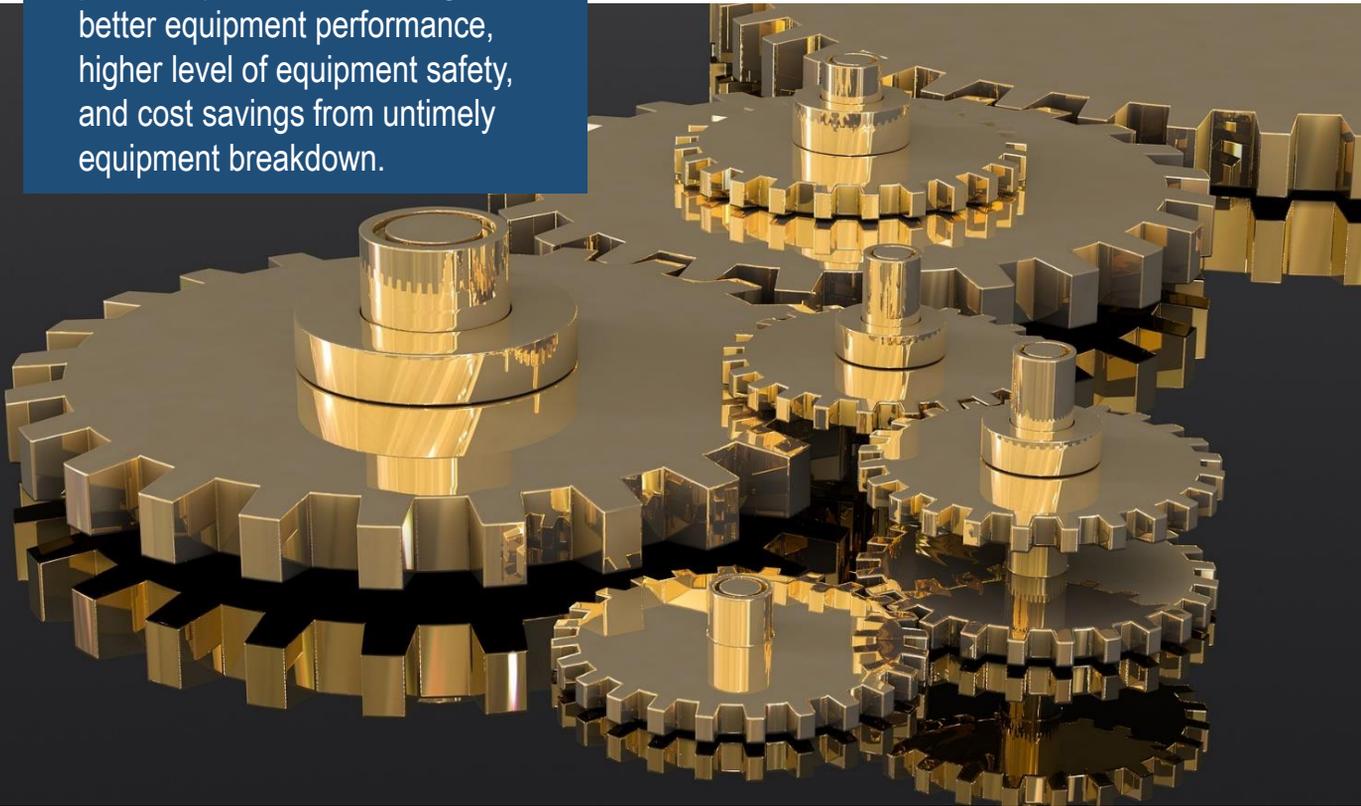


ANALYTICS for PREVENTIVE MAINTENANCE



A platform that helps you identify potential problems, resulting to better equipment performance, higher level of equipment safety, and cost savings from untimely equipment breakdown.



WHAT WE CAN DO FOR YOU

- **GATHER and ANALYZE EQUIPMENT DATA (SENSOR DATA)**

Whether its coming directly from sensors, or aggregated reports (structured and unstructured data), extract, categorize and model your data into meaningful groups to quickly identify insights.

- **REAL TIME DATA VISUALIZATION**

With a dashboard designed to keep track of actual equipment performance, data-driven decisions are made possible.

- **QUALITY DATA VISUALIZATION**

Get the big picture, and drill down to the detail through easy to understand dashboards designed for your need.

Daily operations incur wear and tear among equipment, increasing the risk and eventually affecting safety and cost. Equipment data (sensor data) as well as operations/enterprise data are good sources of insights after a thorough analysis.

However, due to the sheer volume, variety in format, and velocity of data flow, most companies can barely scratch the surface for getting actionable insights from these data.

Through the Ubicom's Preventive Maintenance Analytics, we help you find insights from your operations' data, give you both the big picture and the visualization that you need towards efficient, data-driven decisions.

WE CAN ANALYZE THE FOLLOWING FOR YOU



SENSOR DATA

Gather different data from equipment-generated status and analyze them for data-driven condition-based decisions.



LOG FILES

Automate information extraction from application or machine logs. For custom logs, we can create the tool needed for ETL processing.



OPERATIONS DATA

Information about daily performance written in different formats (xls, csv) are extracted and transformed to effectively derive insights on overview of operations.

CASE STUDIES



POWER PLANT

A fully automated power plant needs constant monitoring to check both its performance as well the need for maintenance works. Management would like to zero in on potential issues by having a visual representation of the operating conditions of the power plant in real-time.

Using data derived from operations (equipment data and aggregated reports), the executives were given a real-time view of what is happening in the power plant.

Key decisions have been made based on insights derived from visualization, specific actions have been taken from real-time identification of operational issues.



SHIP BUILDER

A ship builder needs to remotely monitor their ship's condition, inclusive of the critical parts and equipment.

With a visual representation of data gathered from the ship, the manufacturer can see which needs equipment need maintenance based on the actual condition. A further drill down will identify which specific part should be replaced.

With these insights from Data Analysis, proactive monitoring and maintenance of the equipment was made possible.

TALK TO US NOW:

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