



DISCOVER THE HIDDEN POTENTIAL

PREDICTIVE MAINTENANCE

SOFTWARE APPLICATION

SOFTWARE APPLICATION

Predictive Maintenance

PREDICTIVE MAINTENANCE STARTS WITH DIAP

The basis of predictive maintenance is data collection. If you wish to take your maintenance approach to the next level, DIAP is therefore the natural choice.

There are many advantages to predictive maintenance. By collecting and analyzing data by means of advanced predictive models, you will be able to predict equipment failures and avoid them before they occur.

Predictive maintenance will enable you to plan downtime in detail, reduce maintenance costs and increase equipment lifetime.

APPLICABLE IN ALL INDUSTRIES

DIAP takes an unprecedented approach to predictive maintenance. The advanced analytical models included in the application can be used by all types of manufacturing companies regardless of industry.

Predictive maintenance requires processing of huge amounts of high-quality data. DIAP includes data filtering to remove unwanted noise and ensure data quality, and it allows for data processing both directly on the DIAP edge device and in the cloud. This will give you immediate access to your predictive data.

DIAP predictive maintenance is currently being developed and will be launched continuously during 2019.



MAINTENANCE THRESHOLD FOR FAILURE PREVENTION

Based on a combination of several signals, the DIAP predictive maintenance application calculates and visualizes a maintenance threshold.

By observing the status of a component or line on the DIAP dashboard, you can easily predict maintenance and avoid unplanned downtime.

You can set alarms that will send a warning to the right maintenance personnel when irregularities are observed or if action is required.

MACHINERY FAILURE PREVENTION

The DIAP predictive maintenance application includes a failure diagnostics tool. Although bearings may appear to be rather simple, their internal operations are quite complex, and downtime is often caused by bearing failure.

By applying the DIAP advanced analytics, you can predict when bearings are to be replaced before they fail. The tool will give you a complete overview of where failures are likely to occur and how critical the condition is.

BEHAVIOR-BASED PREDICTIVE MAINTENANCE

With the behavior-based part of the DIAP predictive maintenance application, advanced neural networks are applied to combine historical data with behaviour-based characteristics. In short, this means that you will be presented with status overviews that will show you precisely when to replace or repair a specific component.

This will let you plan your maintenance efforts down to the last detail and achieve significant savings.