

# PREDICTIVE ANALYTICS

IMPROVE YOUR ENGINE PERFORMANCE



## CMR GROUP & AVEVA™: THE BEST DEAL FOR ENGINE RELIABILITY

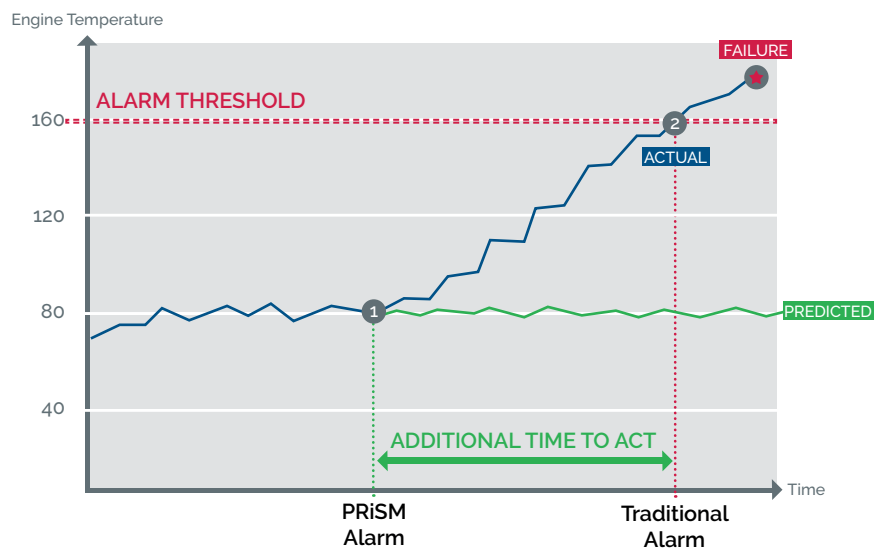
We have selected Aveva™ PRiSM software as analytical base for our engine predictive maintenance solution. With a 60 years long experience in engine market, CMR Group leverages PRiSM advanced analytic features to provide a cutting-edge solution to enhance your engine reliability. We are not just software integrators; we deliver PRiSM with our exclusive customized analytical models that implement our know-how in engine for electrical power plant or marine application.

### KEY BENEFITS

- Prevents equipment failures
- Increases equipment utilization
- Extends component life

### SAVINGS

- 25% Unscheduled downtime
- 30% Maintenance cost



- 1 PRISM detects early deviation in signal
- 2 Signal reaches alarm threshold

## ARTIFICIAL INTELLIGENCE SUPPORTING INDUSTRIAL OPERATORS

Aveva™ PRISM software embeds advanced machine learning features designed to detect early warnings of equipment issues. However, PRISM does not require special data science skills. It is an industrial software for industrial operators. Integrated in CMR Group global monitoring ecosystem, it is a turnkey solution for predictive maintenance.

When most of predictive maintenance solutions based on supervised machine learning require months of historical data where failure have occurred, PRISM algorithms only need a few hours of asset proper functioning to perform accurate failure prediction. It prevents issues way before they occur, based on early deviations in operational data.

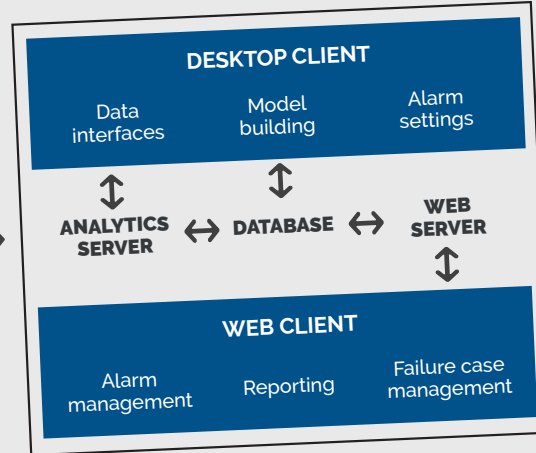
DATA SOURCE



Text files  
OPC UA  
OSIsoft  
ODBC



### PRISM



Configuration Model building



REST API



Asset monitoring  
Fault diagnosis

## A FRIENDLY PLUG & PLAY SOLUTION

PRISM comes as a standalone software. Therefore, it does not rely on a larger (and expensive) analytical platform and requires no additional plug-in. It can be plugged to a large set of input data sources (historian servers, OPC-UA, OSIsoft, ODBC, text files...). Its outputs can also be sent to third-party applications through a RESTAPI.

For more detailed information, contact us at [sales@cmr-group.com](mailto:sales@cmr-group.com)

