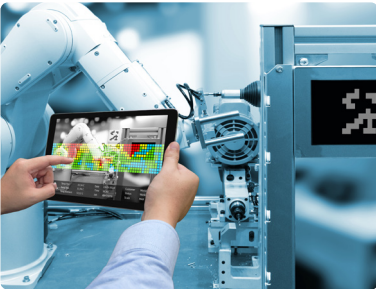


INGESYS

ACM

Advanced Software
for Analysis and Diagnostics



INGESYS™ ACM is Ingeteam's software solution for the diagnosis and status monitoring of machines and processes. With a web base, it can collect monitoring data from a wide variety of monitoring systems and offers an extensive set of applications aimed at solving the monitoring needs in various sectors such as energy, industry, railway, etc.

INGESYS™ ACM makes it possible to discover the cause of failures before they happen and reduce non-planned downtime, increasing the availability and reliability of the system.

Customizable monitoring software

Main features

- An extensive set of tools for analysing signals and trends (customizable panels with a variety of graphical visualization possibilities, postprocessing skills, etc)
- Alert registers for maintenance service and actions such as a physical exit activation or sending emails which can be activated when defined limits are exceeded
- Comparative analysis in different operational situations
- Definition of the operating states of the machine and/or process associated to each of the different thresholds for detecting alarms
- A powerful user interface for centralizing the information needed to diagnose the system
- Centralized fleet management
- Web solution based on a set of applications

Benefits

- ✓ User customizable software
- ✓ Multi-platform and multi-browser web application
- ✓ Installation's life increase
- ✓ Maintenance costs reduction
- ✓ Apps can be developed by the user and be integrated in the cloud

Configuration

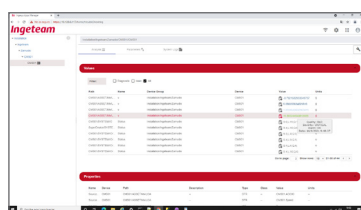
Trigger conditions and acquisition data configuration
Definition of operation states based on the acquired data
Permission and user configuration
Configuration of operating procedures

Monitoring

Advanced functional features for monitoring the data based on:
Dashboards, alarms, ...
Postprocessing skills, data filtering functions, etc.
Customized user reports generation

Big Data Analysis

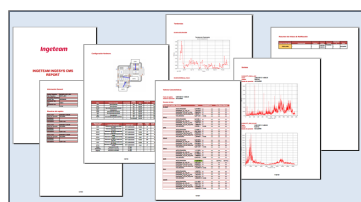
Identification and monitoring of time trends of critical operational parameters
Definition of thresholds on critical parameters
Post-processing functions for optimising data analysis



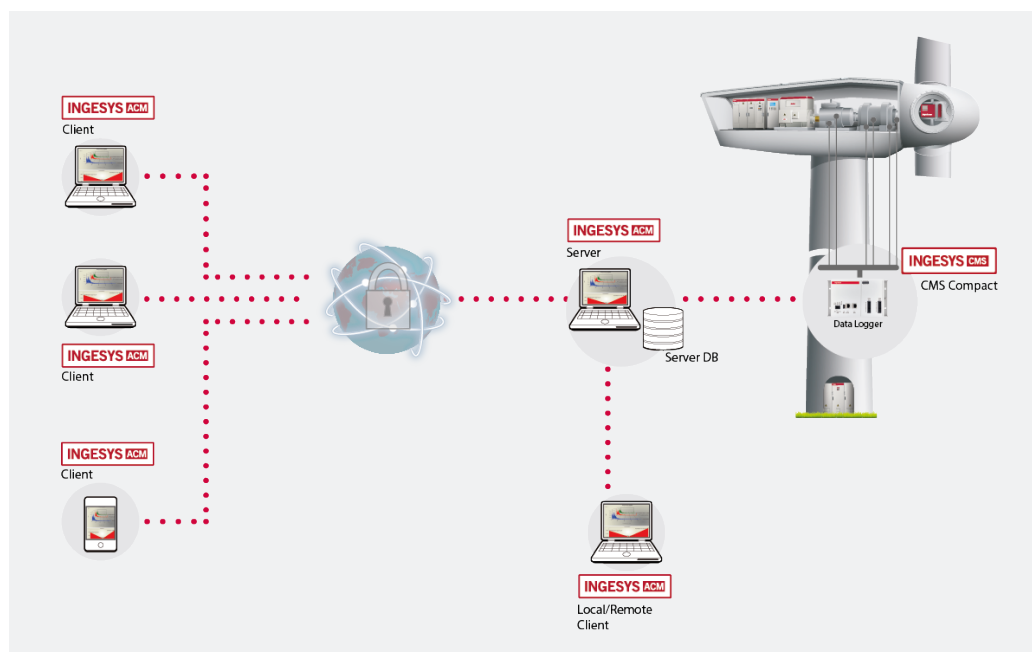
Alarms and faults panel



Frequency charts



Customized report generation



Example of Ingeteam's CMS solution for the wind power sector