# 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 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

**www.ingeteam.com**
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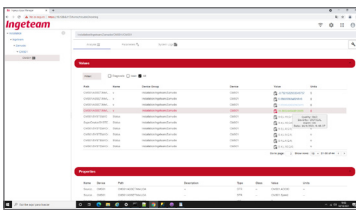*Ingeteam*

## Configuration

Trigger conditions and acquisition data configuration

Definition of operation states based on the acquired data

Permission and user configuration

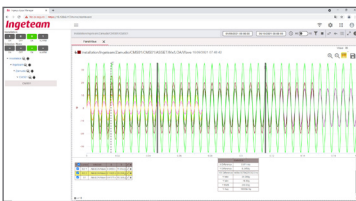Configuration of operating procedures

## Monitoring

Advanced functional features for monitoring the data based on:

Dashboards, alarms, ...

Postprocessing skills, data filtering functions, etc.

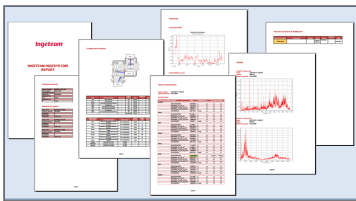Customized user reports generation

## Big Data Analysis

Identification and monitoring of time trends of critical operational parameters

Definition of thresholds on critical parameters

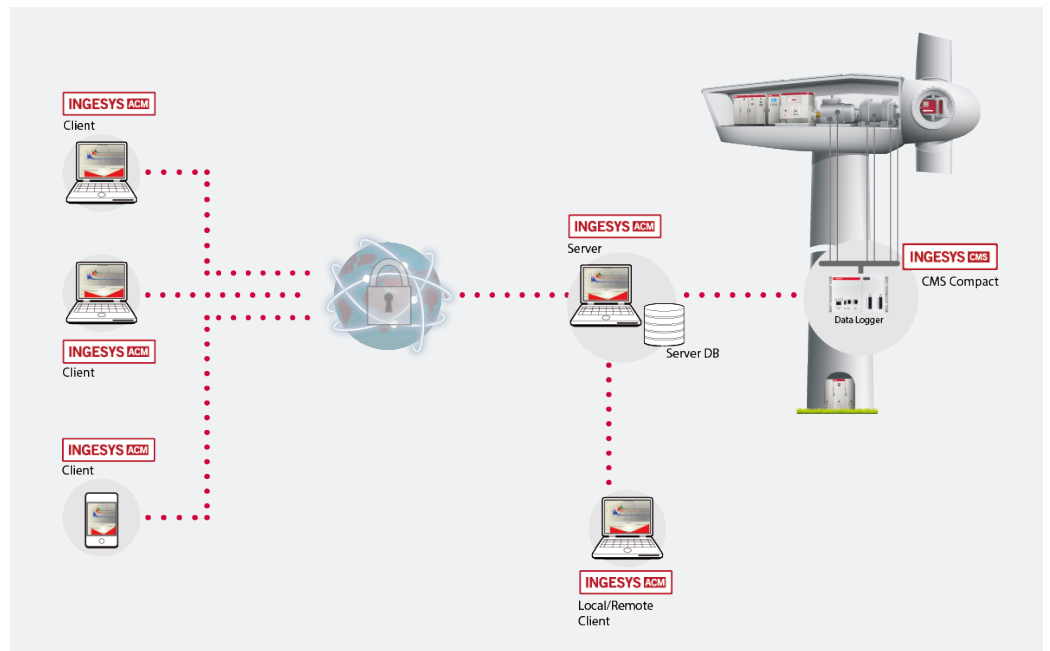Post-processing functions for optimising data analysis


Alarms and faults panel


Frequency charts


Customized report generation


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

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