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 anticipate failures before they aggravate, 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

✓ Longer installation lifetime

✓ Maintenance costs reduction

✓ Apps can be developed by the user and be integrated in the cloud

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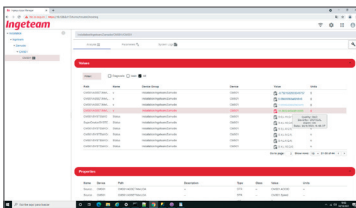
Ingeteam

Configuration

Configuration of diagnostic data, processed values and alarms

Definition of operating states, based on system inputs, state-based logging and triggering strategies

Permission and user configuration
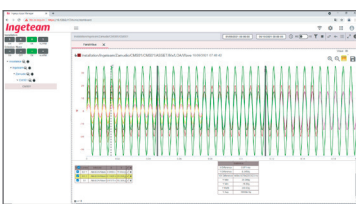
Monitoring

Advanced functional features for monitoring the data based on:

Customized dashboards with a variety of widgets

Alarm management

Display of realtime and historical values

Possibility of post-processing and data filtering
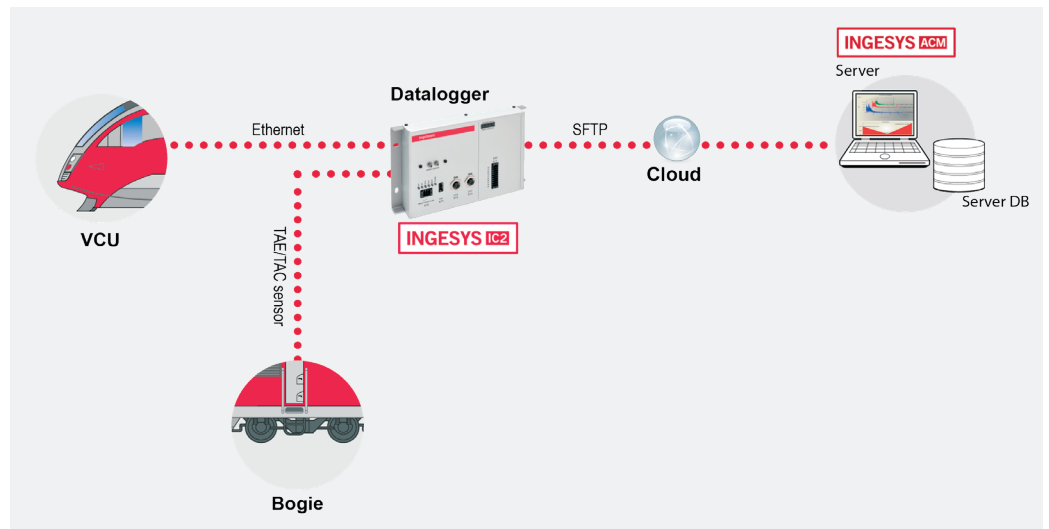
User notes

Big Data Analysis

Identification and monitoring of time trends of critical operational parameters

Definition of thresholds on critical parameters

Post-processing functions to optimize data analysis

Possibility to configure the kinematics of machine components

Alarm management panel

Trend charts, signals in time, frequency and order

Example of Ingeteam's RCM Solution for railway sector

VCU · Ethernet · Datalogger · INGESYS IC2 · TAE/TAC sensor · Bogie · SFTP · Cloud · INGESYS ACM · Server · Server DB

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