

Wärtsilä My key performance indicators



Wärtsilä My key performance indicators (KPIs) is a service for ship or power plant owners and operators, who wish to keep themselves updated on operational key indicators at all times. The service enables onsite users to follow up their operations on the Wärtsilä Genius dashboard, also allowing Wärtsilä to support decision-making through continuous KPIs and trending.

Wärtsilä My KPI shows the current ship or plant status comprehensibly. It consists of pre-defined values for the most relevant energy-efficiency indicators. The system increases operational awareness and assists in fine tuning operations accordingly. My KPI also helps you comply with recent and up-coming environmental regulations.

When the user is made aware of the most important KPIs, the user can take proper actions in the field, based on user data. This will inevitably lead to more efficient operations.

SEAMLESS FIT WITH OTHER WÄRTSILÄ GENIUS SERVICES

My KPI is a great supplement to other Wärtsilä Genius services. It can be connected to a vast amount of systems through a standard industrial interface, providing online visibility for KPIs.

TECHNICAL CONCEPT

Wärtsilä My KPI runs on the Wärtsilä Genius dashboard. The data is collected by sensors either previously installed or installed for other Genius services, such as a Wärtsilä Propulsive efficiency monitoring service (PEMS) or Wärtsilä Engine efficiency monitoring service (EEMS).

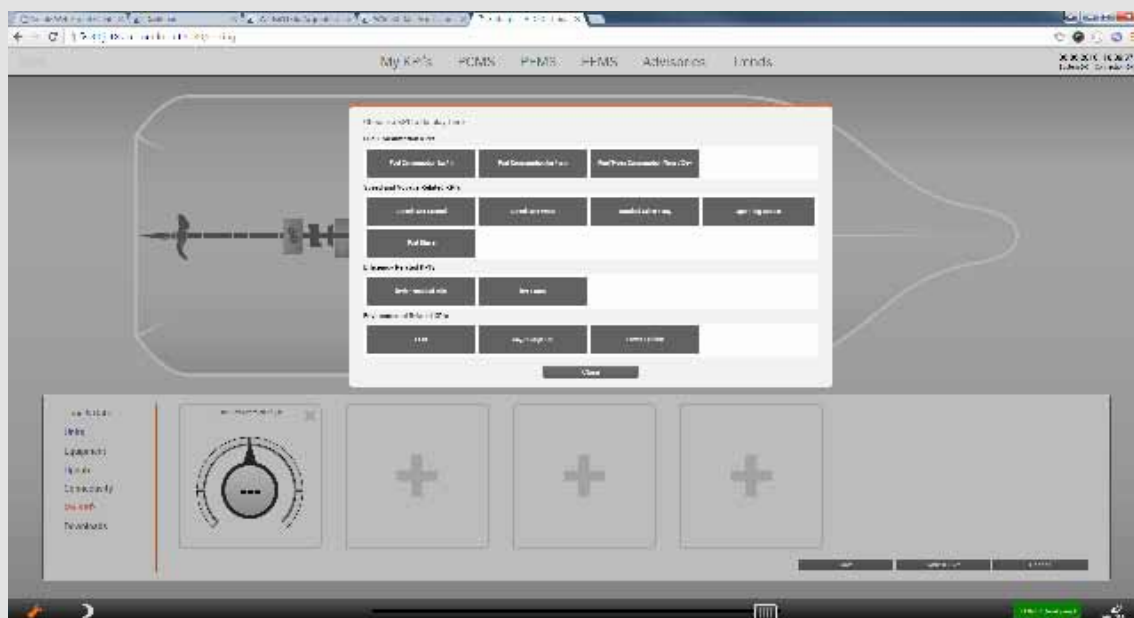
From a list of predefined KPIs the users may select four for display on the dashboard simultaneously. The KPIs can be changed whenever needed. All the enabled KPIs are calculated continuously, stored in a local database and made available for trending.

KPIs are formulated by continuous calculation of data available on site, also manual KPIs are enabled when needed. The target is to minimise the need for additional data points.

Data gathered by sensors is transferred via network to the Wärtsilä Data acquisition unit. Measured values, trends etc. are displayed at Wärtsilä Genius dashboard in the engine control room or any other specified location within the network.

BENEFITS

- Increased operational efficiency awareness
- Support in regulatory and legislative matters and environmental issues
- Enhanced environmental awareness
- Information available 24/7 through the Wärtsilä Genius dashboard



Predefined KPI list



Four KPIs gauges selected on dashboard

Same data will be available at the customer's back office via internet connection, through Wärtsilä Online services.

SCOPE OF SUPPLY

The Wärtsilä My KPI service is available for marine and power plant installations. The scope and details of the solution are configured case by case. The service is a valuable add-on to Wärtsilä Propulsive efficiency monitoring service and/or Wärtsilä Engine efficiency monitoring service.

Necessary instrumentation:

- Wärtsilä Data acquisition unit computer
- Firewall and switches for internet connectivity
- System interfaces to ship navigational system and other Wärtsilä systems when needed.