1. KEY FEATURES

The software for CJC® T²render Basic and CJC® T²render Pro is a cloud-based Software as a Service (SaaS) solution accessed via the internet.

The software validates and evaluates sensor data from the Condition Monitoring Unit (CMU) mounted in conjunction to a CJC® offline filter unit and configured with a validated sensor package.

The treated sensor data are shared on a Graphical User Interface (GUI) or via an Application Programming Interface (API).

Specifically for the Pro version the sensor data are utilized to create a system baseline (a statistical modelling of the system) representing a "normal operation"-situation for the equipment.

The system has a built-in warning system by email and by SMS, which is triggered if the measurements deviate from the pre-defined baseline (T²render Pro) and/or if the sensor parameters exceed the user determined warning limit.

To access the data via the GUI, a Microsoft Office365 log in is required, after which CC Jensen provides access to the specific units required.

Through the API all the data for the specified unit and the specified time interval, are retrieved in .JSON format. To access data through the API, CC Jensen must provide an Application ID and a password to the database.

2. MINIMUM SYSTEM REQUIREMENTS

For optimal user experience with the GUI it is recommended to use a PC with Windows 7 or newer, MAC OSX or newer or Linux. It must have Internet access and be able to run an Internet browser.

The API requires a machine that can run .NET code (4.5 or newer).

3. KEY CUSTOMER REQUIREMENTS

The software is running on an online application and requires no initial setup by the user.

All GUI users must have an Office 365 log in connected to their company email account. The user creation is initiated by CC Jensen.

CC Jensen must receive all necessary META data for the specific system before the data can be displayed on the GUI or shared via the API.

Customer must ensure that the correct data connectivity from the CMU to the Cloud (on the Internet) is defined, and that a stable data connection is established.

The software is intended for use by trained professionals only. Customer is advised to seek training to operate the software, incl. setting the baseline for CJC® T²render Pro.

For CJC® T²render Pro the customer must define the normal operating conditions, from which CCJ performs a statistical modelling of the system.

Customer must initiate a re-modelling of the system if any changes are made to operations or the equipment from which the measurements are performed.

It is important that the baseline is chosen correctly. Lack of or incorrect baseline may lead to incorrect operations of the software, incl. a lack of alarms or too many alarms. This may result in no early warnings in case of damages to the equipment from which measurements are performed.

Customer must appoint one administrator, representing the equipment owner, who will be the main technical contact person and to whom warning- and status messages will be sent. The administrator can appoint other users to access the software through the GUI.

Customer is responsible for servicing and maintaining the CMU and the internet connection and for initiating re calibration of the Oil Contamination Monitor (OCM) sensor according to the re calibration requirements.

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