

CJC® T²render for VRU

Online solution for monitoring oil and equipment conditions

APPLICATION

The CJC® T²render for VRU is a monitoring solution, which provides surveillance of the oil system in connection to an installed standard CJC® VRU offline filter unit including access to data stored on a CJC® Cloud Solution.

FUNCTION

The CJC® T²render for VRU solution consists of a CJC® Cloud Solution to treat and share data from the Filter Unit control and the configured sensors mounted on the standard CJC® VRU Offline Filter Unit. The monitoring consists of logging of:

- Warning status & messages based on individual sensor limits
- Filter inlet pressure
- Oil temperature
- Cooling liquid temperature
- Filter Unit operation status (on/off)
- Filter Unit control events

Additionally, it can be configured to generate warning messages to the equipment owner when the individual sensor values exceed user defined limits.

FEATURES

The CJC® T²render for VRU solution offers:

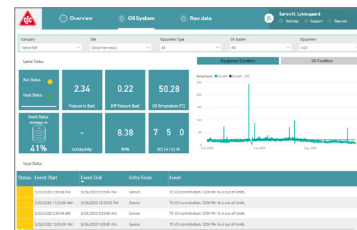
- Web Portal with overview dashboard, monitoring of validated sensor data & logbook of historical & current events
- Monitoring of filter system events
- Sharing raw & treated sensor data via API
- Offline filtration performance analysis
- Tailored T²render data cloud setup and start up support
- Warning status & messages based on individual sensor limits

BENEFITS

The CJC® T²render for VRU solution will provide the user a deeper insight of the operation of their machinery.

- The CJC® VRU Offline Filter maintains the oil clean thus reducing the number of unforeseen break-downs and thereby extends the lifetime of oil and machinery
- The CJC® T²render for VRU solution will assist on monitoring filtration performance to secure continuous optimal value of the installed Offline Filter Unit.
- It will provide sensor data monitoring and alert messages when user defined thresholds are exceeded.

CJC® T²render GUI (Graphical User Interface)



DATA COMMUNICATION

C.C.JENSEN (CCJ) ensures a secure data communication platform from the VRU to the CJC® Cloud System and a data logger to ensure up to 30 days of offline data collection.

The equipment owner must ensure the data connection from the VRU to the CJC® Cloud either via an ethernet TCP/IP (LAN), WiFi or Cellular (via a SIM card into the 4G/LTE modem) connection.

DATA OWNERSHIP

Ownership of all the sensor data lies with the equipment owner. All sensor data are stored with full confidentiality on a secure server owned by CCJ. Data can be used by CCJ in anonymous form to improve CJC® T²render Solutions and CJC® Offline Oil Filters.

HOW TO ORDER

Use below article numbers. Contact your CJC Sales representative or filtertechnicalsupport@cjcdk to receive more information.

| ARTICLE NO. | |
|--|---------------|
| CJC® T ² render access VRU Kit (4G w SIM) | FA6001148-1 |
| CJC® T ² render access VRU Kit (4G w/o SIM) | FA6001148-2 |
| CJC® T ² render access VRU Kit (WiFi) | FA6001148-3 |
| CJC® VRU on T ² render License agreement | 91 000 000 10 |

Additional support and services, e.g. installation & commissioning, monitoring, report generation and data interpretation can be provided on request.



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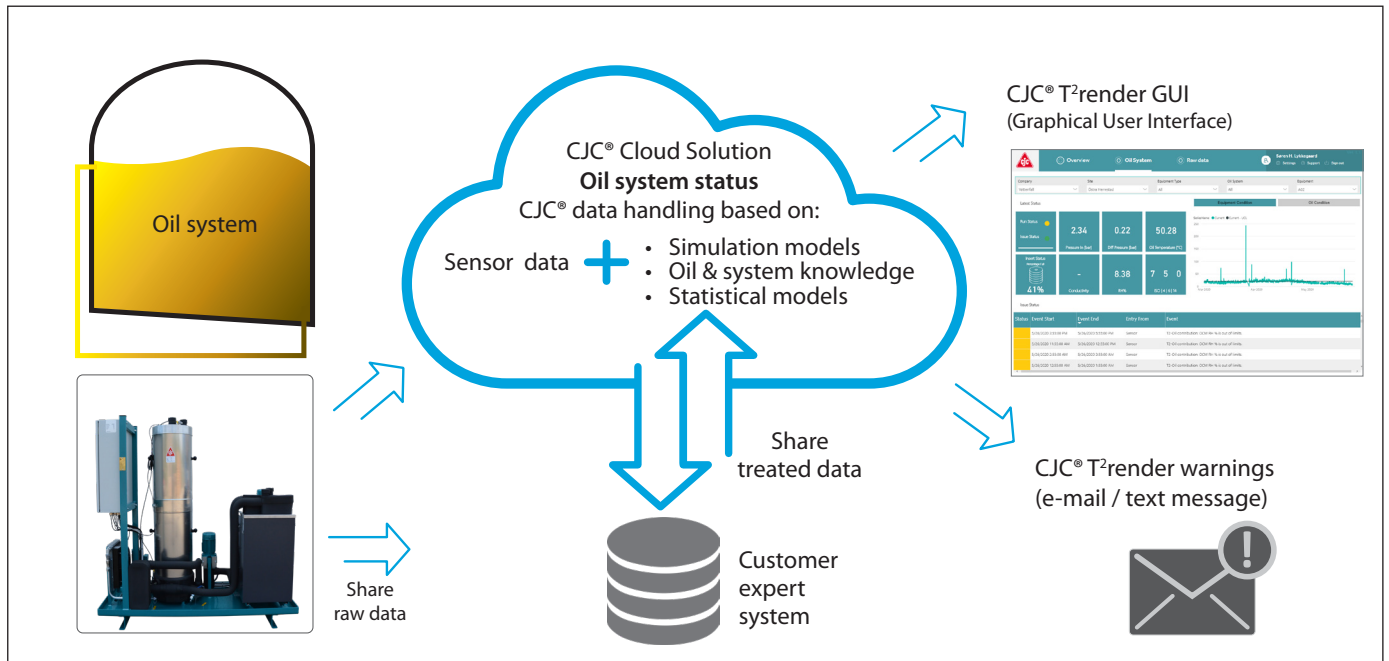


Figure 1: The CJC® T²render for VRU Solution overview

