

Error messages

Error messages are reported directly when they occur.

The work schedule of the service engineers can be linked to this.

Analyses of historical data

Various variables can be shown in a graph over each selected period, so that deviations can easily be analyzed.

User accounts

For every useraccount authorization is set and a dashboard is composed.

Reports

Reports on the status of the chiller, alarms or other information is at any time of the day available. randstofniveau en storingen kunnen op eenvoudige wijze worden opgevolgd.

Remote monitoring of chillers.

101 Solutions has developed a system for remote monitoring, control and access of chillers. The operation of a chiller is constantly monitored.

How does it work?

The monitoring system is connected through a standard interface to the controller of the chiller. The dataregister of the controller is read by Modbus, Yorktalk or another protocol.

This information is transmitted via ethernet or via a wireless UMTS connection. Optionally, using GPS, the current geographical position of (mobile) chiller can be determined.

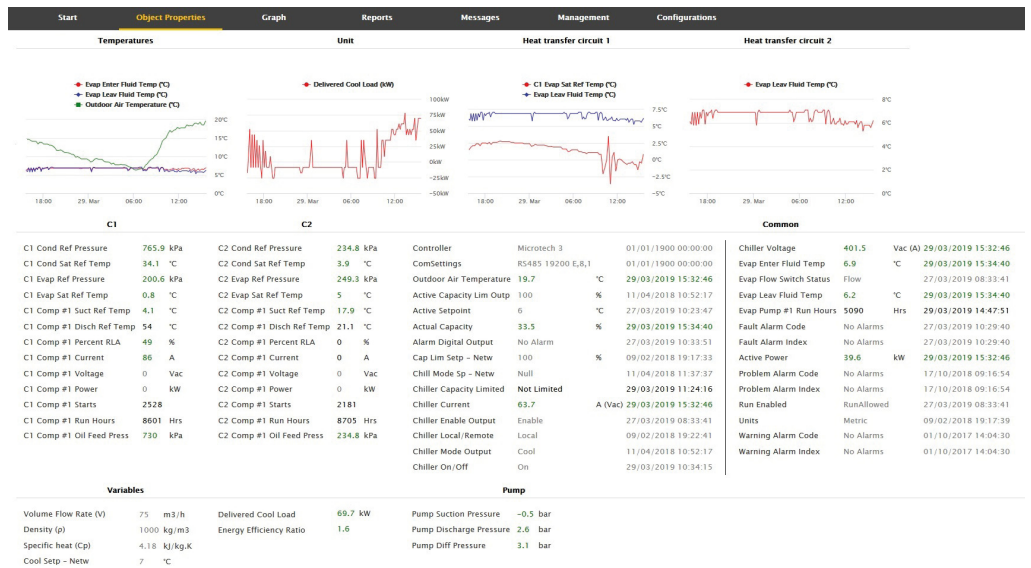
Using a secure Internet connection, the owner of the chillers can check at any time of the day the current status of its chillers.

The advantages.

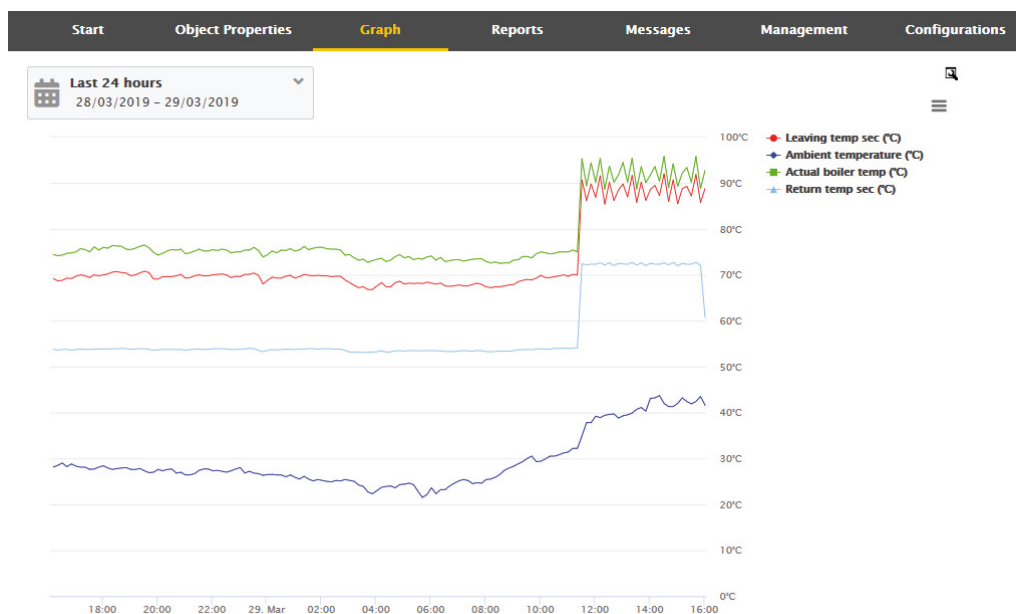
The remote monitoring system has a number of advantages:

- For the most popular brands of controllers, such as Carel, Microtech, York, Siemens and Climaveneta, we have a standard solutions.
- The current status of the chiller is shown at any time of the day.
- The status information is obtained through a web interface. With an Internet connection the status information of the chillers is available at any time.
- Historical data can be obtained online. In the web application standard reports are available but it is also possible to generate your own reports.
- Reports can be downloaded in Excel, Word or PDF.
- Users will get an user account. Depending on the account, an user has options (authorization).
- Interfacing with existing back office systems is possible, using API's.





- The Data Communication Box, which is connected to the controller, is easy to install and can easily be installed on another chiller. Plug and play!
- Alarm conditions can be set by the customer. Alarm texts can also be set by the customer.
- Alarm texts are transmitted through SMS and/or e-mail. All alarm signals are reported and filed in the database and are available through reports.
- The frequency of data transmission of every datapoint is set in consultation with the customer.
- Data is stored for at least 1 year.
- You can offer the webportal as OEM/Branding to your customers.



Summarized: the monitoring system for chillers will get you in control.

Questions?

Contact us for a demonstration.