

VICOMO



Virtual control and monitoring of your Menerga systems. Extensive data analysis and worldwide real-time access.



menerga
a systemair company

What is vicomo?

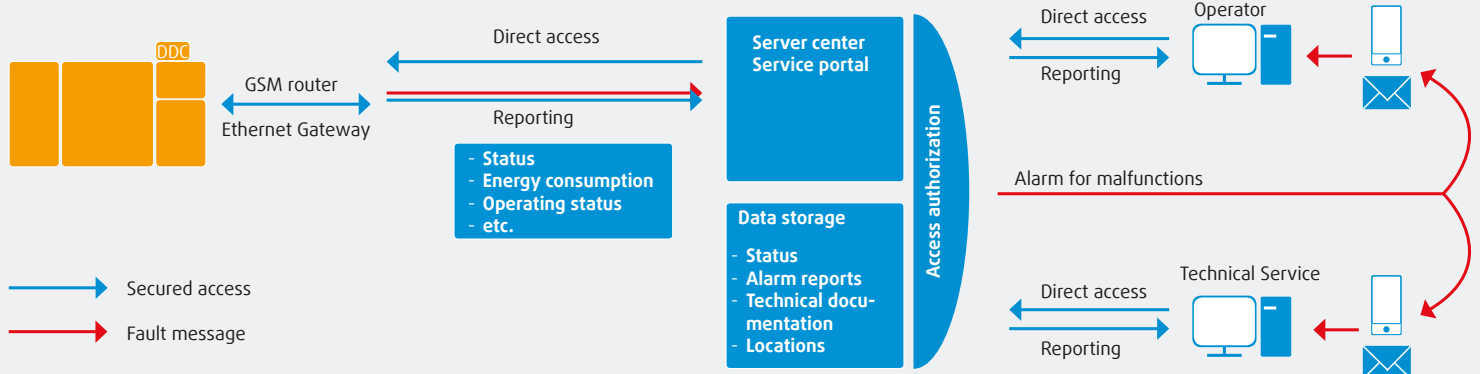
- A control and monitoring solution developed by Menerga
- Acquisition in real time of important parameters of the Menerga system, with storage in a database
- Possibility of complete energy monitoring, depending on system variant
- Alerts sent to you and our Technical Service staff in case of alarms

Monitoring with Menerga pays off in three ways

From the factory, Menerga systems are sent out vicomo-ready. Gateway or GSM is required for remote data exchange. The required hardware is already integrated in the operator control panel. The installation of additional humidity sensors is necessary, depending on the features required and the desired data evaluation. For the first 12 months after initial startup, monitoring is free of charge for you.

Our vicomo analyzes parameters that include the following:

- Filter pressures
- Volume flow rates
- Temperatures
- Humidity (if required)
- Operational states / flap position
- Requirements for pumped cold/hot water
- Refrigeration components (if existing)
- Operating-hours meters for pumps, fans, compressors, and/or adiabatic components



Your benefit 1

Continuous monitoring by our Technical Service

If requested, Menerga Technical Service can analyze the performance data from your system. This enables permanent monitoring, calibration, and optimization of your entire system. In case of malfunction, our Technical Service will also receive a warning alert and can in many cases rectify malfunctions as part of remote servicing.

Your benefit 2

Worldwide control and monitoring of your systems in real time

From virtually any location on earth, you have access at all times to your system data – and you can directly control the parameters of your systems (with version vicomo Comfort upward). In cases of warning alerts – e.g., when filter pressures become excessive – you can react immediately and, for example, can instruct your plant technician to exchange a filter.

Your benefit 3

Replacement for our analog modem





Is your system still equipped with an analog modem? Support for this dial-up possibility will unfortunately end in the near future, since many providers around the world will soon switch their analog telephone connections over to digital IP technology. You can connect our vicomo to all widely used Menerga DDC systems. Always be on the safe side by logging in with vicomo.



No risk

Test the software in the first year free of charge and without commitment ¹⁾



Functional extent	 Basic	 Comfort	 Premium	 Customised
Secured service access worldwide, via Internet	X	X	X	X
Malfunction alert forwarded per e-mail or SMS	X	X	X	X
Secured access to vicomo portal		X	X	X
Staff training by our Technical Service, at your site, as part of initial startup procedures	X	X	X	X
Non-interrupted data synchronization with the vicomo portal		X	X	X
Access to required/actual values, with changing of parameters as required		X	X	X
Recording of trend data		X	X	X
Automatic storage of long-term data and alarm reports		X	X	X
Visualization of the installed systems			X	
Customized Visualization				X

Remote vicomo connection is possible via a GSM router with integrated outdoor-temperature sensor, for installation by the customer, or by Ethernet Gateway via Internet access. If an Ethernet Gateway is used, configuration at the local network is additionally required.

1) If you sign a service and repair agreement with us, this service remains free of charge for you. Prices for following years upon request.

Menerga GmbH
Alexanderstraße 69
45472 Mülheim an der Ruhr
Germany

Tel. +49 208 9981-0
Fax: +49 208 9981-110

info@menerga.com
www.menerga.com

