

## Remote monitoring for E-solutions

Grundfos E-solutions cover all pump types, applications, and power supplies. Whether you choose an integrated E-pump or a wall-mounted CUE solution, you get E-pump features and functionality.



- **Built-in PID controller for constant pressure, flow, or temperature operation**
- **Automatic stop function for water supply applications**
- **Proportional pressure function for circulator pump applications**
- **Possibility for external control of set point, start/stop, and much more**
- **Monitor up to 10 pumps or drives per modem.**

With Grundfos Remote Management, you can take full advantage of the valuable data collected by E-solutions.

## E-Solutions and Grundfos Remote Management

– for low cost, feature-rich pump system monitoring

Grundfos Remote Management is an internet-based remote monitoring, management and reporting system for pump installations. It provides remote access to data and alarms from pumps, pump controllers and auxiliary equipment like sensors and meters. Data from pump installations is transferred to a central database and published to subscribers on a secure web server. Users have access to data from pump installations that are registered to their own account.



**Complete overview**  
See the status of your entire system on a map or any digital image.



**Share documentation**  
Upload system documentation to a secure server and make it accessible to all relevant personnel.



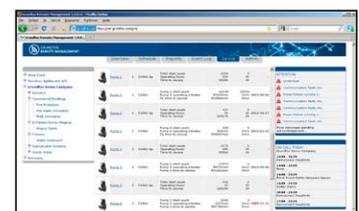
**Online with your pumps**  
Live monitoring, analysis and adjustments from the comfort of your office.



**Flexible on-call schedule**  
Simple planning of who responds to SMS/email alarms in rotating weekly schedules.

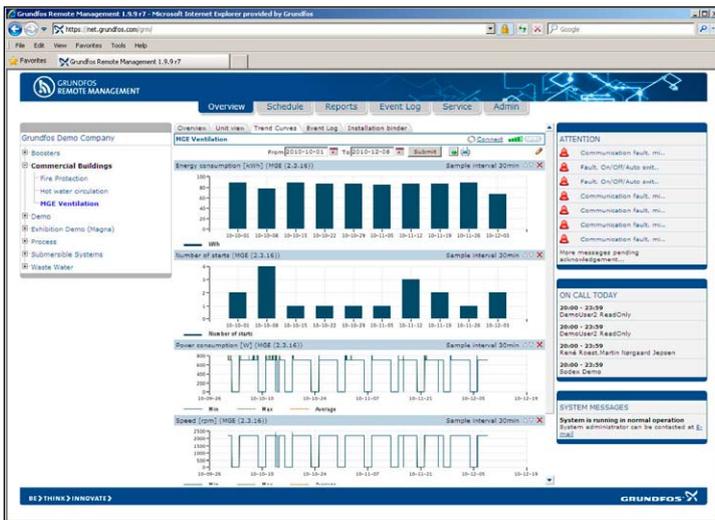


**Trends and Reports**  
Follow system performance and reveal opportunities to reduce energy consumption.



**Manage pump maintenance**  
Plan service work on the basis of actual operating data and get notification when service is due.





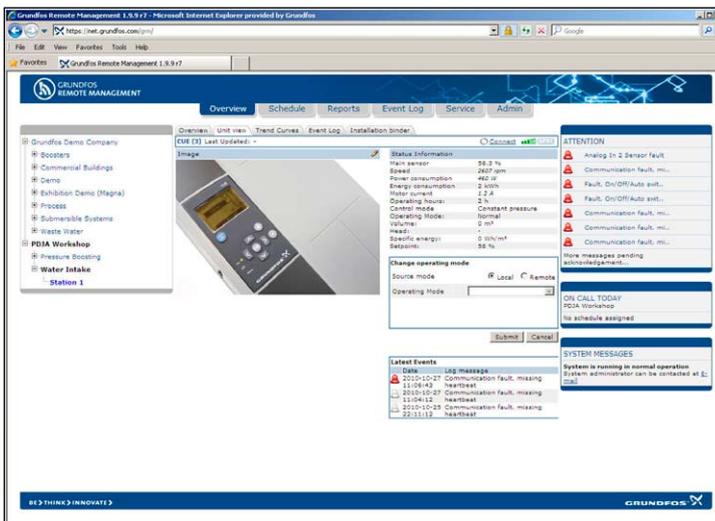
**ALARMS AND WARNINGS**

- Dry running
- Leakage current
- Missing phase/Imbalance
- Overvoltage
- Undervoltage
- Overload/Underload
- Motor current protection
- Overheating
- Motor bearing temperature high
- External fault signal
- ...and many more.



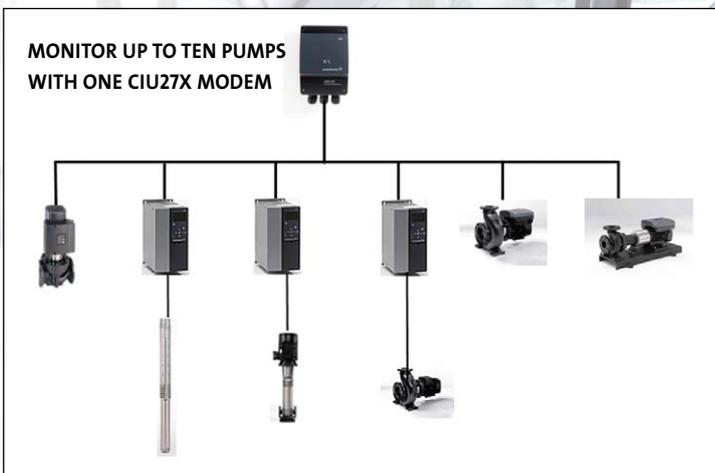
**OPERATIONAL DATA**

- Head (based on sensor input).
- Flow and volume (based on sensor input)
- Speed
- Motor current
- Power and energy consumption
- Motor temperature
- Operation time
- Specific energy

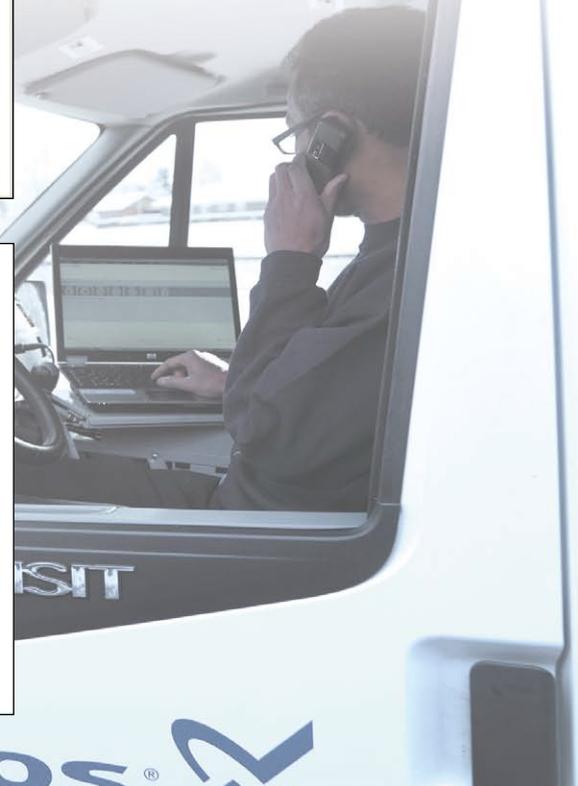


**REMOTE CONTROL**

- Start/stop
- Setpoint/Speed adjustment
- Operating mode (stop, min, normal, max)



**MONITOR UP TO TEN PUMPS WITH ONE CIU27X MODEM**



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