

Online monitoring for fire systems



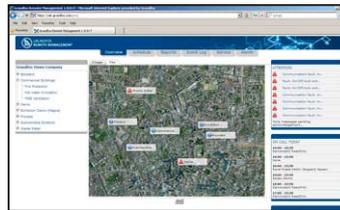
Even though fire systems are manufactured according to strict standards and are frequently tested, monitoring them makes good sense.

- Alerts in the event of a false start, for example when a pipe bursts, and not just in the event of a fire
- Tracks the system pressure and the number of starts on the jockey pump to reveal possible leakage in the system
- Print out comprehensive objective documentation for the routine system test carried out on your fire system
- Test documentation is securely stored on a remote server
- Online service log containing number of starts and operating hours for all pumps

Fire Systems with 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.



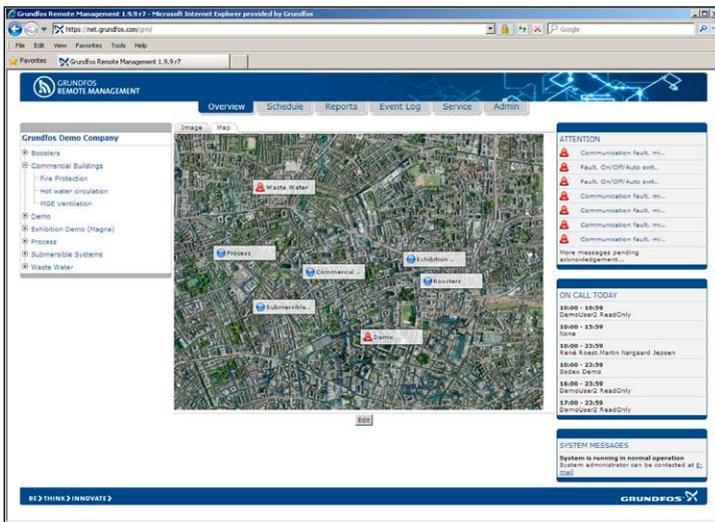
Flexible on-call schedule
Simple planning of who responds to SMS/email alarms in rotating weekly schedules.



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.



STANDARD PUMP ALARM OUTPUTS

- Pump Running
- Pump on Demand
- Mains Failure (Electric pumps)
- Trouble at Controller (Diesel pumps)
- Start Failure



Also, valve positions can be monitored to alert personnel if a valve is closed accidentally (preventing water from getting to the sprinkler system).

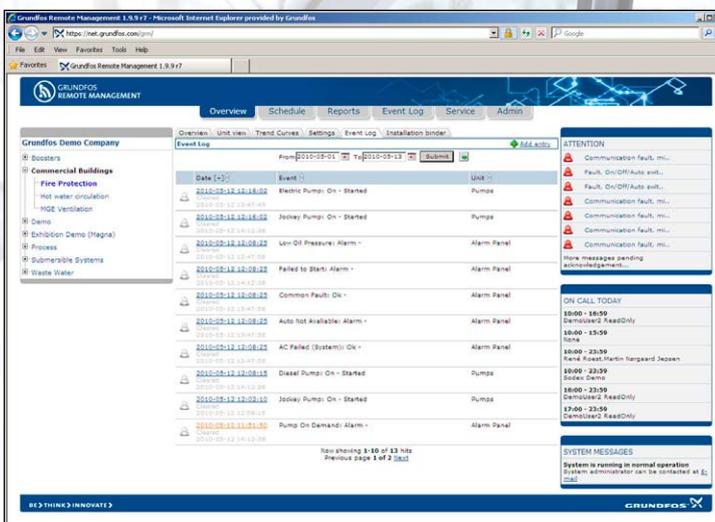
EVENT & SERVICE LOG

The system generates a complete event log that documents a full sequence of events during a routine test procedure or in the event of a fire. All pumps in the system have their own service log in which operating time and number of starts is automatically recorded.



OPERATIONAL DATA

- System pressure
- Operating hours per pump
- Number of starts per pump



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