

WASTEWATER NETWORKS:
**SAVING TIME
AND MONEY
WITH CONNECTED
SERVICES**

GRUNDFOS **iSOLUTIONS**



ISHØJ FORSYNING

SEE HOW THE ISHØJ WATER UTILITY IN DENMARK HAS SAVED TIME AND CUT MONITORING COSTS IN HALF WITH INTELLIGENT SOLUTIONS FROM GRUNDFOS

The Ishøj Forsyning utility was responsible for some 250 km of sewer and rainwater lines, and around 30 pumping stations. Yet many of its operators were on evening stand-by for a week at a time. This resulted in costly overtime hours, staff shortages due to overtime hours converted to time off, and several logistical problems from manually handling errors and alarms. The utility

needed to upgrade its low-tech monitoring capabilities and looked to Grundfos for help. They'd heard about the potential of Grundfos Dedicated Controls and monitoring systems, which became the first step towards modernising its remote monitoring and control system.

50% LESS
MONITORING COSTS



MAXIMISED
RELIABILITY



EASY
OPERATION



NEW SOLUTION

Ishøj Forsyning chose a service contract with Grundfos which includes an on-call monitoring service that utilises Grundfos Dedicated Controls and Grundfos Remote Management. Outside of normal operating hours, Grundfos now handles remote monitoring of Ishøj's pumping stations. With any errors in the system, the remote management solution sends an alert to Grundfos' on-call service to determine whether any immediate action is needed.



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OUTCOME

- **SERVICE CONTRACT HAS HALVED THE UTILITY'S EXPENSES ON MONITORING**
- **UTILITY SAVES TIME WHILE OPERATOR CONFIDENCE HAS INCREASED**
- **PUMP DATA IS EASILY ACCESSIBLE ONLINE, ANYTIME AND ANYWHERE**
- **AUTOMATIC ERROR ALERTS RECEIVED FROM PUMPING STATIONS**

PEACE OF MIND AT ALL HOURS

Henrik Lemée, wastewater engineer at Ishøj Forsyning, says he and his colleagues used to be on call during nights and weekends as alarms required pumping stations visits – a costly process in both payment and overtime hours. Implementing the remote service agreement from Grundfos helped the utility cut monitoring costs by more than half and made system management much easier. Henrik explains that the operators were impressed with the easy, online access to pump data, as well as the ability to control or monitor equipment via their tablet or smartphone. "Everything was online. You automatically received error alerts from the pumping stations," he says. "This agreement is incredibly valuable. We save a lot of time, and the system gives us a good overview and confidence."

"We all sleep better at night when we don't have to worry about what might happen if a pumping station malfunctions."

Henrik Lemée
Wastewater engineer,
Ishøj Forsyning

