

INDUSTRIAL COOLING:

# THE INTELLIGENT WAY TO PREVENT PERFORMANCE PROBLEMS

GRUNDFOS iSOLUTIONS



## FIND OUT HOW A DANISH FOOD PRODUCER HAS SECURED AN APPLICATION WITH OPTIMAL PERFORMANCE AND MINIMAL DOWNTIME DUE TO CONDITION MONITORING

Danish Crown is a large food processing company, dealing primarily with pork and beef. Thanks to Grundfos iSOLUTIONS MONITOR and pumps with intelligent built-in functionality, the producer has optimised system performance in one of its critical applications with a solution that detects the need for service or repair before failures happen.

**100%**

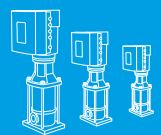
EASY OPERATION

**30%**

REDUCED OPEX

**FULL**

CONTROL





## EXISTING SYSTEM

4x variable speed pumps  
No monitoring

## NEW SYSTEM

CRE pump range  
Gateway CIM/CIU  
Grundfos MPC-E control panel  
Grundfos iSOLUTIONS MONITOR

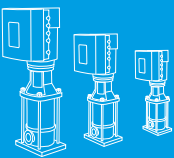
## SOLUTION & OUTCOME

With Grundfos iSOLUTIONS MONITOR, Danish Crown has a solution that monitors its pumps and pump systems for the most common issues. Compared to traditional condition monitoring solutions, it provides instant conclusions that can prevent potential downtime with predictive maintenance features



### RELIABLE OPERATION

Unexpected downtime can be extremely costly, but Grundfos iSOLUTIONS MONITOR provides alerts of any performance issues, as well as the condition of various components before it's too late – meaning maximum system uptime



### FULL CONTROL

Grundfos iSOLUTIONS MONITOR includes a local display unit that offers flexible mounting, a web interface for remote monitoring of all relevant installations, and can be integrated with any SCADA, BMS or DCS system.



### MAXIMISED RELIABILITY

Grundfos iSOLUTIONS MONITOR, in combination with our intelligent integrated pump controls, keeps track of what's happening in the pump and the entire pump system. This allows preventive maintenance whenever it's convenient.