



SIEMENS

Reference with focus on SIMATIC S7-400

Tanklager Mellingen

"Software redundancy in a tank farm"

Mellingen
tank farm

Customer: Tanklager Mellingen
Sector: Oil and gas

Mellingen
tank farm

System integrator:
Hauser Steuerungstechnik

The customer's requirements:

- Automation of a new fire fighting system with an innovative, high-availability control concept

The customer's decision:

- 2 x S7-400 with CPU 414-3 that communicate with one another via Profibus
- ET 200M integrated in both Profibus circuits by DP slaves
- S7 software redundancy
- 4 TP170B color touch panels



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The customer's advantages:

- Failsafe operation of the fire-fighting system by takeover of the entire plant by the intact PLC with the current data
- Redundancy solution enables a cost saving through the use of standard automation components
- Safety in the tank farm is improved and boosted

