







What motivates us – what is our goal?





Mechanical engineering





Electrical engineering





Process engineering











Standardisation



Zahnen Water Engineering Performance: Our core competences







Decades of experience and expertise





Digital support from pre-planning to commissioning





The smart water-, energyand resource management system





Modular solutions for clean water





24/7 service – inspections, maintenance and repairs



Zahnen Water Engineering Performance: Our services





Forecasting and early warning of future flood incidents







Why is an early warning system important?

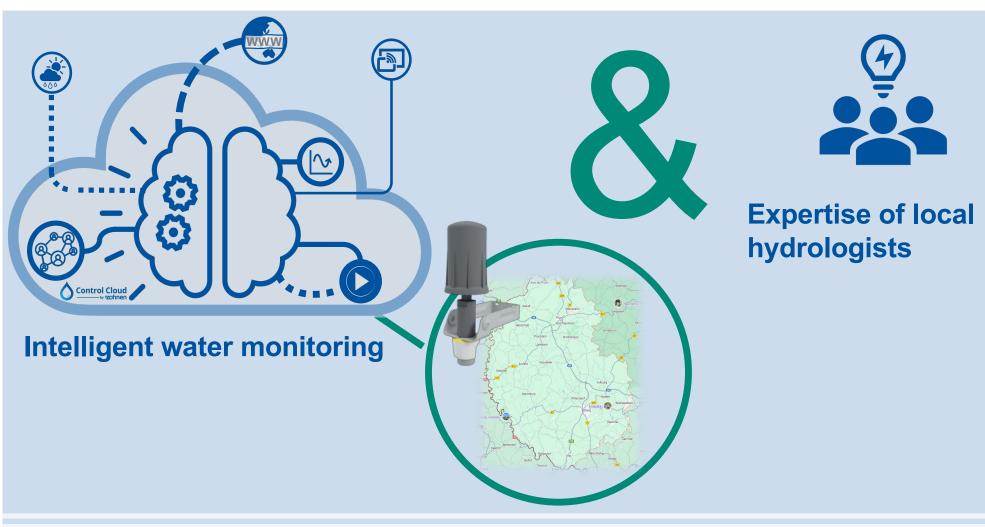


- Reasonable planning of the measuring points
- On-site survey of the given conditions
- Selecting the suitable measuring technology
- Selecting the suitable transmission technology
- Protection from vandalism
- Maintenance-friendly solution
- A Reliable data center
- Clear visualization of processes
- Functioning alerting chains
- Artificial intelligence
- Avoid interfering with water and natural areas

Expertise of Zahnen
Technik – We support you
in the implementation of
your early warning system



What does a high-quality early warning system need?

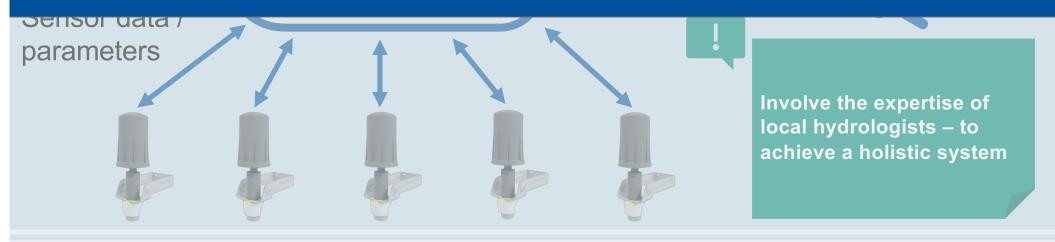




Comprehensive early warning system

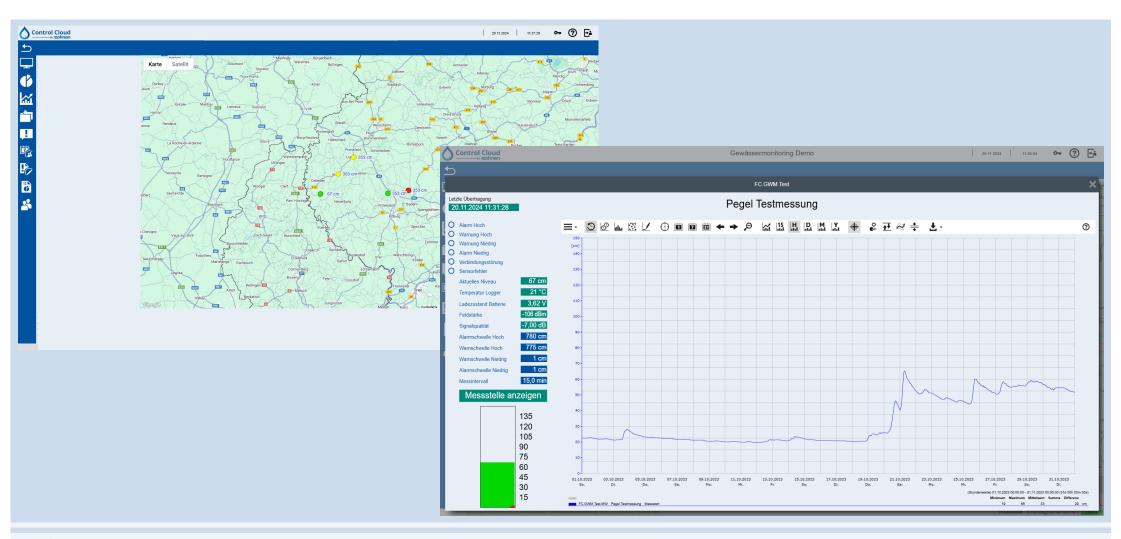


Not just measuring – but taking the right action



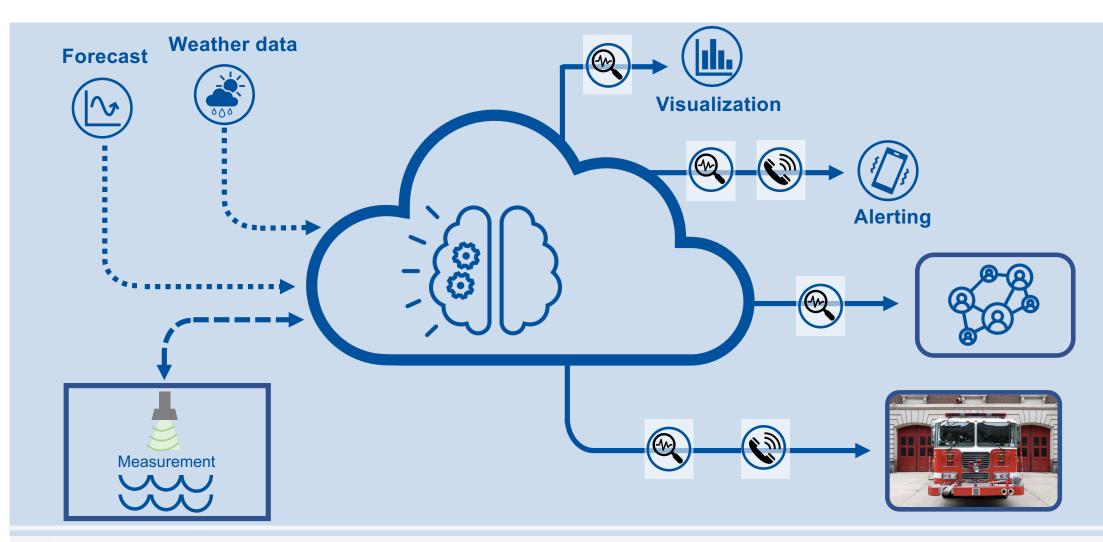


Comprehensive early warning system





Clear visualization of processes – accessible anywhere

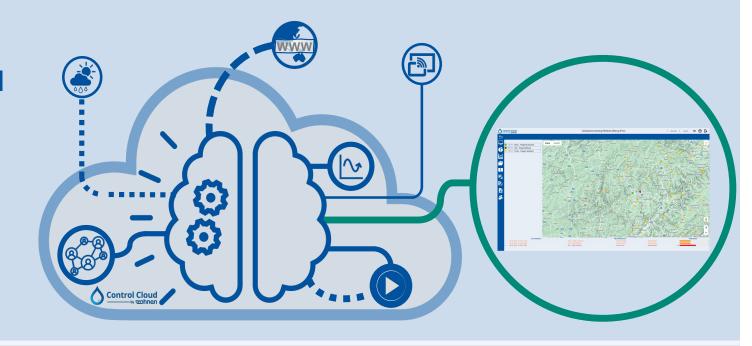




Reliable alerting chains

For forecasts, warnings and alerts with swarm intelligence

- ♦ Learns the behavior of the water level in the further course of the river
- Analyzes weather data and soil moisture values
- Outputs forecasts
- Limit value messages
- Adjusts measuring interval





Intelligent water monitoring





Smart water monitoring - swarm intelligence













Water monitoring by zahnen









BECAUSE EVERYONE HAS THE RIGHT TO HAVE CLEAN WATER!

Photos: Kathrin Kläsges Fotografie and Adobe Stock









