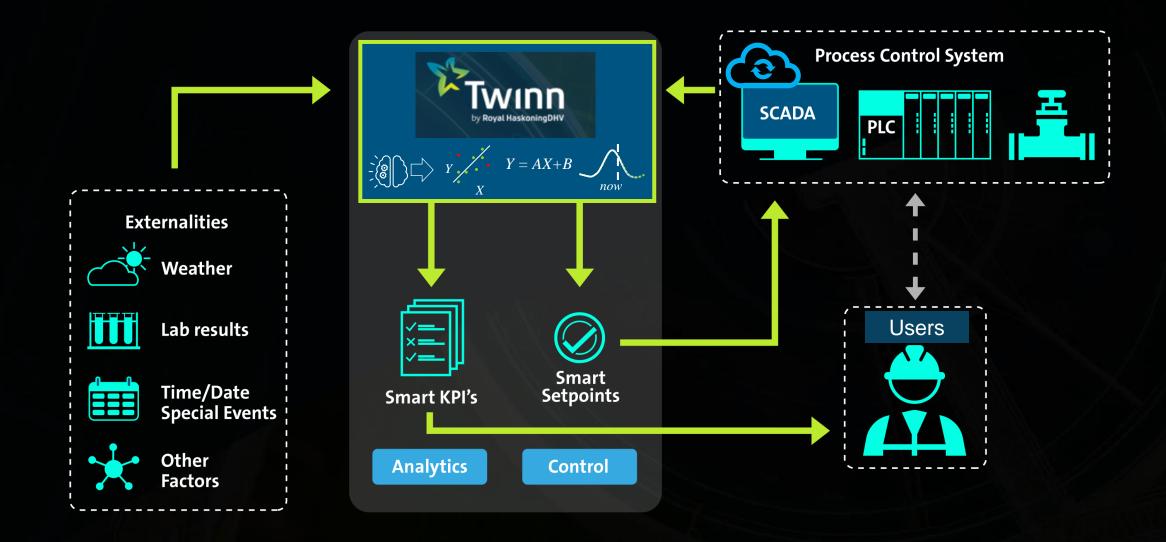




How we monitor and control





Vitens Aqua Suite – The Netherlands



CLIENT

Vitens

CHARACTERISTICS

900,000 m³ per day for 5.5 million people, 49,000 km water grid, 96 water treatment works and 240 pumping stations.

BENEFITS

- ✓ Source to tap overall control
- √ 65% less variations in production
- √ 42% less particle load in produced water
- √ 10% less energy usage



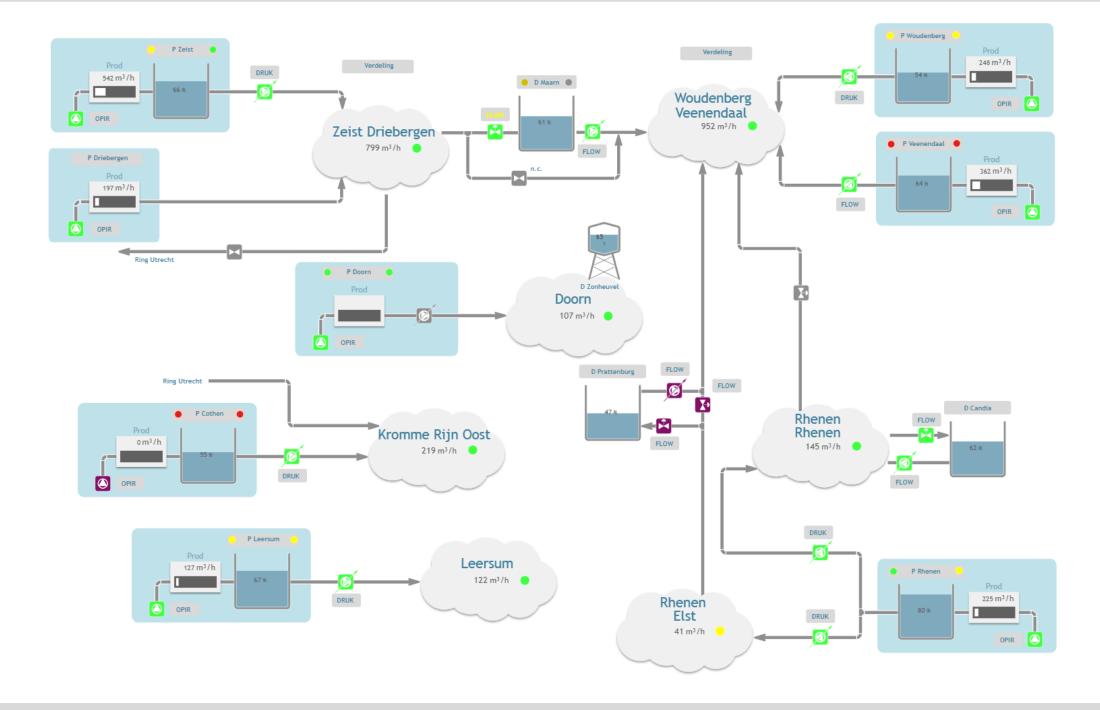








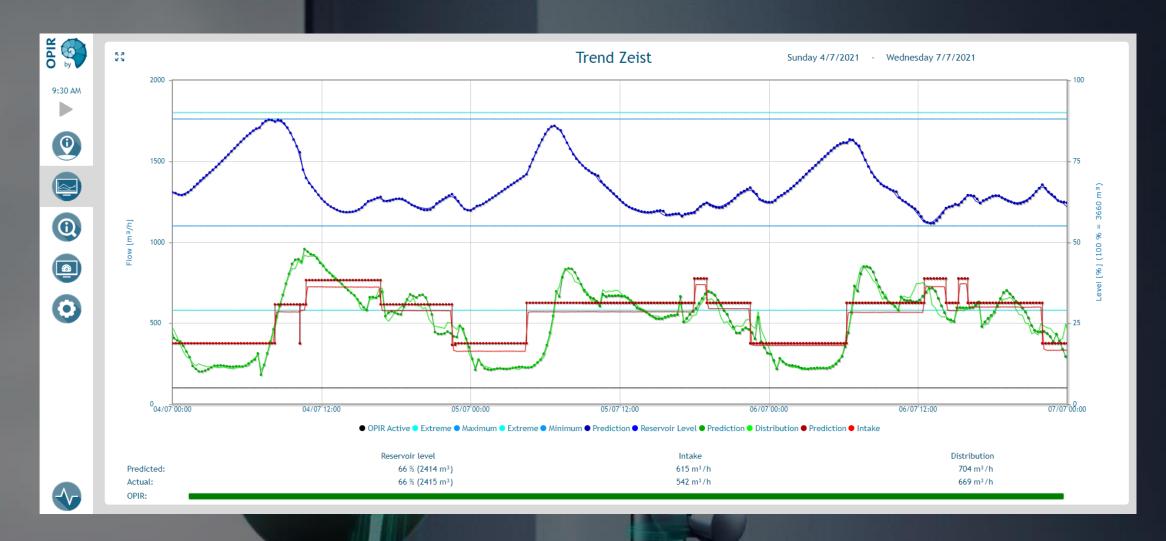




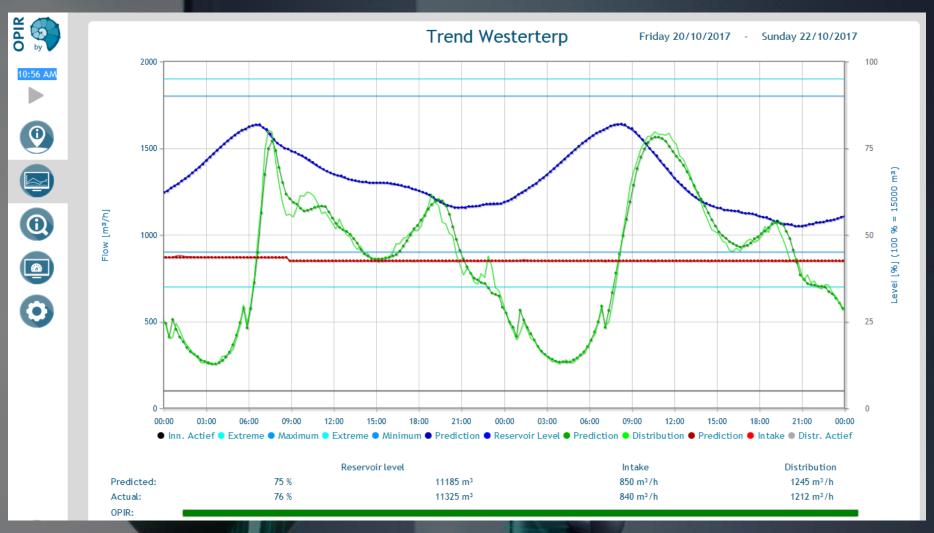






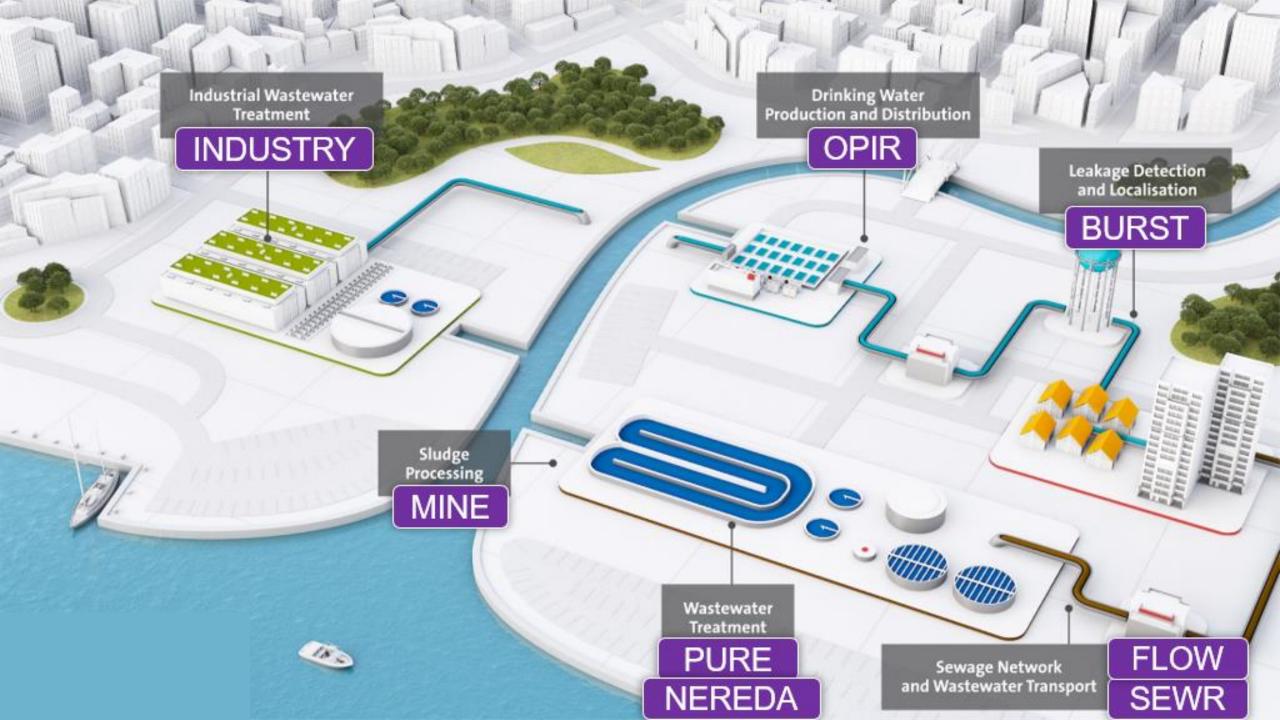


- Sufficient storage
- Combining reservoirs to achieve your priority



- Constant pumping rate
- Increased asset lifetime
- Reducing non-revenue-water













Aquasuite controller for 100+ sites.

Majority in the Netherlands, but globally tried and tested succesfully

Integration of 18k neural network models in Jacobs' AquaDNA environment to prevent CSOs for 7 mil. people

Control for 9 wastewater treatment plants at Vallei & Veluwe, energy optimization and improved effluent quality











60% of the Dutch drinking water is produced with Aquasuite. Vitens: optimizing 340 assets/sites

On the PUB IVP plant Aquasuite provides foresight in process, measurements and assets. Prediction of influent load.

Preventing Non-Revenue Water in 3200km of piping