

## Water level regulation in Delfland region, Netherlands



**Segment:** Water regulation  
**End user:** Hoogheemraadschap van Delfland  
**System integrator:** HUMIQ  
**Realization date:** 2009

### Requirements:

- Perfect overview of all field stations
- Easy control of water level management devices
- Combine geographical information with process data

### Solution:

- GIS Viewer – the combination of SCADA functionalities with geographical information (GIS)
- 220 field stations connected via ADSL and/or UMTS
- Over 100 SMS level measurement devices in the field

### Benefits:

- Precise and fast fault navigation due to alarm signalization on the map
- Easy control of pumping stations and monitoring of water levels



*Delfland is one of Netherland's water authorities. 1,4 million people live there and 40.000 companies are located in the 41.000ha large Delfland area.*

*Because it is located far below sea level, many pumping stations and water inlets are used to regulate the water level to react on rainfall and dry periods.*

