

# APPLICATIONS

## Hydrometry

- Hydrometric stations for public services, research institutes and civil engineers
- Spring monitoring and monitoring of surface discharge
- Groundwater monitoring
- Discharge measurement by the salt tracer dilution method
- Sintering stations  
Monitoring of sintering processes in order to optimize tunnel-drainage systems



## Soil Monitoring

Monitoring of soil humidity and soil temperature

# APPLICATIONS

## Water quality monitoring

- Continuous monitoring of water quality parameters in stormwater retention ponds
- Measuring platforms in rivers for continuous monitoring of industrial effluents



# CONTACTS

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## Enquiry to Logotronic:

Logotronic is a proud member of



# OUR MISSION

Logotronic is the specialist for the measurement of environmental parameters. Many years of experience have provided us with comprehensive know-how on environmental measurement methods and sensor technologies. Our wide range of work includes development of electronic and mechanical components as well as software components, production of instruments and measuring-stations, installation and commissioning, maintenance and repairs. In one word, we care about the full lifetime of our products based on the full know-how of the developer and producer. Long-lasting and trustful cooperations with our customers in order to provide an „evolution of measuring networks“ is the basis of our daily work.

# PRODUCTS

Logotronic is producer of the main components of monitoring equipment as well as system integrator in order to provide the best available solution for the customer's particular application.

- Station Manager Gealog TG  
High-end station manager with integrated IoT-modem, Ethernet interface, full functionalities for all applications in Meteorology and Hydrology.
- **New**  
Datalogger Gealog Kompakt IoT  
Fully integrated datalogger, IoT, internal battery, Gealog Fieldbus interface
- Gealog micro SG  
Measuring instrument for installation in ground-water pipes with IoT, measurement of water level/conductivity/temperature.
- Gealog ftp-Module  
Universal interface module to connect sensors to the mobile radio



# PRODUCTS

network using LTE- and IoT-technology

- Gealog Multiparameter Probe  
Water level/conductivity and temperature, vented
- Gealog Water Level Probe  
Water level and temperature, vented
- QTRACE-Discharge measurement by the salt tracer method
- GealogNet  
Comprehensive hydro-meteorological database for both cloud and on-premises usage.
- Eureka Multiparameter Probes  
High-end multiparameter probes for a wide range of water parameters



# APPLICATIONS

## Meteorology

- Automatic weather stations, stationary or portable  
High-end stations for synoptic and climatological monitoring



- Mobile weather stations  
Stations for easy transport on tripod



- Thermal Rating stations for power-grid operators



- Road weather monitoring

