



BACSOFT RIVER LEVEL MONITORING

THE CHALLENGE

To minimize the many hazards of river flooding - from damage to disruption of critical services - continuous monitoring and rapid response are essential. With manual monitoring systems, ongoing monitoring can be difficult, especially in remote locations. Today, IoT systems are able to monitor river levels 24/7 and provide remote-control over response systems such as storm water retention facilities.

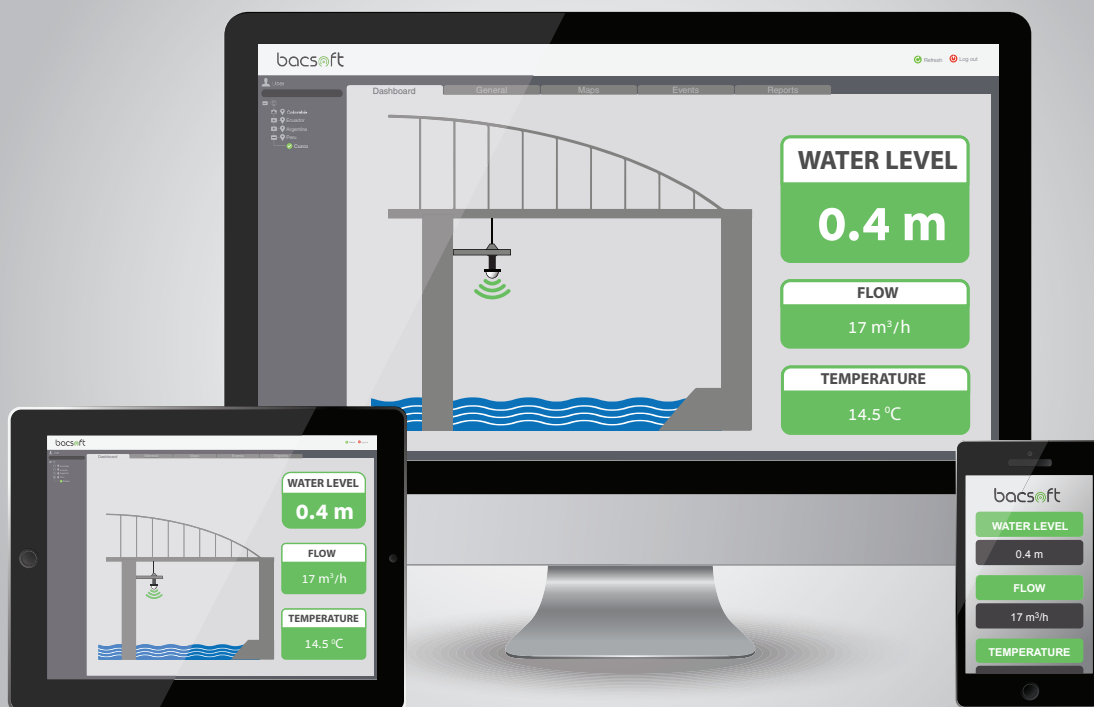
THE SOLUTION

The Bacsoft River Level Monitoring solution enables authorities to monitor water levels at key points in the river bank, and to prevent overflows during periods of heavy rain in conjunction with storm water retention facilities.

With the Bacsoft solution, authorities can rapidly create customized web and mobile applications that enable managers in the control room and in the field to monitor

status, receive alerts, and remotely control infrastructure. Collected data can be analyzed and used for preventive maintenance and optimization of operations.

The solution is designed to operate in remote locations where power is unavailable, as well as in dense urban environments.





THE BENEFITS

- Robust, industrial solution
- Monitor and analyze multiple points in the wastewater treatment system
- Full remote management via laptop and mobile
- APIs for rapid integration with all SCADA solutions
- Improved security and tamper detection
- Optimized business operations
- Improved billing process
- Avoid floods and other disasters
- Savings in maintenance costs, personnel, and inconvenience to citizens nearby

SPECIFICATIONS

- B-Connect PLUS low energy Smart Controller
- Centralized management system
- Provides continuous monitoring
- Alarms for threshold exceptions
- Offline logging capabilities
- Plug & play connectivity (easy setup, all wireless)
- Pressure / Level Sensor 4-20mA, 10V or SDI 12 connected directly to the bacsoft controller
- Measurement and graphs from all sensors
- Built-in reports with integrated formulas for flow calculation and billing

