

BULFRO

WATER MANAGEMENT SYSTEM

(WMS)

Pioneering Water-Digital Solutions, Empowering E-Governance, Ensuring CGWA Compliance

Welcome to Bulfro's Water Management System (WMS) — a comprehensive suite of innovative solutions designed to redefine how we manage water resources. Our commitment is to empower industries and municipalities with the tools they need to optimize water usage, reduce waste, and foster a sustainable future.

Bulfro's WMS is a cutting-edge suite of products designed to revolutionize water management processes. Our integrated solutions empower industries and municipalities to optimize water usage, reduce waste, and enhance overall efficiency. It is a water management system which includes multiple products provided by Bulfro for water sustainability.

WHY CHOOSE BULFRO WATER MANAGEMENT SYSTEM?

- **End-to-End Water Management** – Integrates monitoring, automation, analytics, and control into a single smart platform.
- **Real-Time IoT Intelligence** – Monitor water consumption, assets, and infrastructure remotely with live dashboards.
- **Optimize Water & Ensure Compliance** – Reduce water wastage, improve operational efficiency, and support CGWA compliance.

KEY FEATURES

- **Real-Time Monitoring** - Instant insights into water distribution and consumption, with real-time detection of water quality anomalies.
- **Automated Metering** - Smart meters for accurate, automated water measurements and streamlined billing, reducing manual errors.
- **Predictive Analytics** - Advanced analytics for predicting water demand and proactively anticipating issues for optimized distribution.
- **Remote Control & Automation** - Remote water infrastructure control for faster emergency response and automated distribution / treatment processes.
- **Asset Management** - Comprehensive inventory for water-related assets with scheduled preventive maintenance to extend infrastructure lifespan.
- **Customizable Dashboards** - User-friendly, visualised dashboards tailored to organisational needs for informed decision-making.

WMS IN THE FIELD



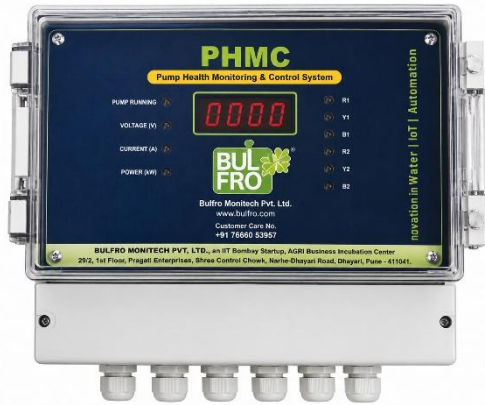
Bulfro PLC & water automation control panel



Field installation — rainwater harvesting chamber

OUR PRODUCT SUITE

The WMS umbrella brings together Bulfro's core IoT-enabled hardware — each available as its own detailed technical brochure on request.



Pump Health Monitoring & Control (PHMC)

IoT-based motor protection, monitoring and predictive analytics — reduces maintenance cost and extends pump/motor life.



Paddle Type Flow Meter

Paddle wheel insertion design for precise flow-rate measurement in water distribution systems, 0.5–5 m/sec range.



Rain Water Harvesting Monitoring System (BRWHMS)

Accurate, real-time monitoring of harvested rainwater with secure cloud connectivity for sustainability reporting.



Tank Level Monitoring System (BTLMS)

Non-contact ultrasonic sensing for accurate, dependable tank level monitoring with IoT connectivity and cloud reporting.

SERVICES

- Installation
- Data Management and Security
- Maintenance
- Legal Compliance

GET IN TOUCH

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