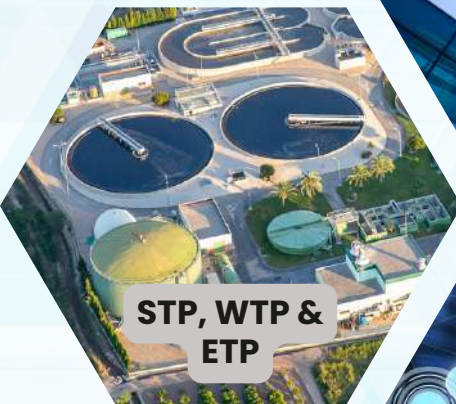




Simple, Scalable & Sustainable Solutions



Real time visibility
Automated control
Remote diagnostics
Condition monitoring
Secured (ISO 27001)
Advanced analytics
Scheduling events
AI/ML powered
Instant alerts



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plants, buildings, OEM, SI, EPC, FM & consultants**

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Engineering Excellence

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Unifier 500 Edge IoT Gateway: Enables remote monitoring, control, and scheduling via Modbus/BACnet, connecting to Cloud/SCADA seamlessly.

IoT Edge Logic Controller: User-friendly touchscreen with analog/digital I/O, supporting RS485 Modbus RTU for seamless integration and control.



Wisense: measuring 3 axis vibration, current signature & temperature for machine & pump health, with built-in alert, scheduling & remote control.

Aqua Nerve RTU: for intuitive, multilingual, & visual guidance. Real-time update & alert, QA & QC integration ensure zero-defect operations. Seamlessly adapts to each part number, parameter-aware instructions.



Aqua Master: with I/Os, touchscreen, PLC/SCADA integration, VFD control, scheduling & secure communication for efficient water management.

SCADA Design Services: Real-time monitoring, control, data acquisition, scalable integration, user-friendly interfaces, and robust communication.



DOL PUMP Controller Features

The WiMate DOL Pump Controller enables secure, cloud-integrated remote monitoring and management of multi-pump systems, leveraging BLE 5.4 connectivity, encrypted data communication, real-time telemetry, and advanced smart control logic for optimized operation, diagnostics, and system reliability in industrial applications.



Real-Time Monitoring with Remote Mobile Assist

Cloud-Based Remote Access with On-Demand Cloud Connectivity

Remote Firmware Upgradation. Parameter Configuration & automatic operation via mobile app.

Intuitive Mobile App Interface with Responsive UI Design

Supports Analog & Digital I/O: 2 AI (0–10V / 4–20mA), 7 DI, 4 Relay-based DO

Heartbeat LED for device status indication with BLE LED for advertising and connection.

Built-in RTC & SMPS & 3-Phase Voltage & Current Monitoring.

Easily switch between manual override and Switch supporting hard reset & BLE wake-up.

BLE 5.4 Communication & AES-128 Secure Communication

Multi-Factor User Authentication with Role-Based Access Control

Smart Control Logic:

- Multi-Pump Management.
- Wear Balancing Algorithm.

Time-Stamped System Logs & Error Reporting with Export

Template-Based Configuration Wizard with Rapid Device Onboarding

16x2 LCD with auto-scroll and fault pop-ups with LEDs indicate DI/DO ON/OFF status

Optional BACnet/ Modbus RTU Integration

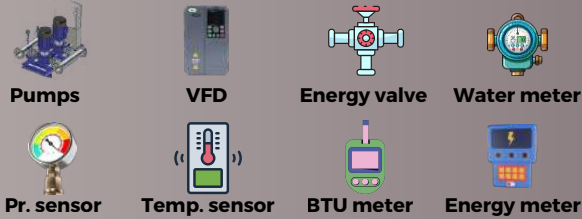
Fault detections : Pump trips, Dry run, AC under / Over Voltage, Phase loss / Reverse.

Architecture

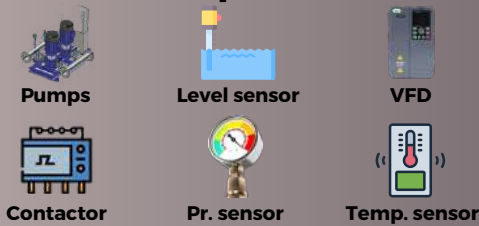
WTP & STP



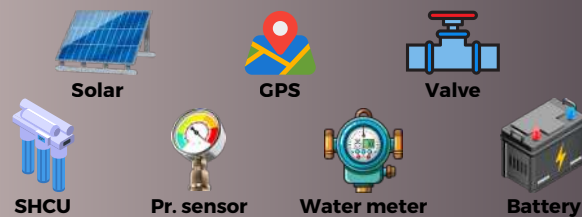
HVAC



Booster Pump



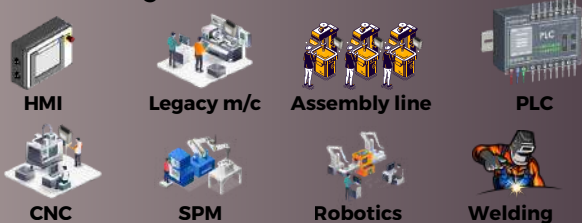
Drip Irrigation



iBMS

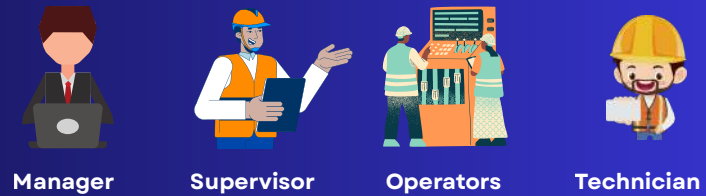


Industry 4.0



Cellular/ LAN

WiMate Cloud



Command center



Device compatibility