



Solution Overview



Smart Metering & Billing Platform

Your Comprehensive Solution for Meter Reading, Data Management, and Billing



Our Solution Overview

Our platform is a robust, scalable solution designed for managing and analyzing utility meters using all major BMS protocols, including M-BUS, Modbus, BACnet, and MQTT. It supports any make and model as long as they follow standard communication protocols, providing flexibility to manage electricity, water, gas, BTU, and more. Whether for residential complexes, commercial buildings, or industrial sites, our platform streamlines meter reading, consumption calculation, billing, and beyond.

The dashboard displays key metrics: 6 total tenants, 6908.71 m³ consumption last 30 days, 12 total sensors, and 0 nodes with errors. It also shows recent bills for clients like Mishal, Holmes mkk Austin, and Drew Kyla Emerson. A central chart tracks invoice status by month (MAY, JUN, JUL, AUG, SEP, OCT) across categories: Total (blue), Paid (green), Pending (yellow), and Overdue (red).

Key Features

✓ Multi-Utility Support:

Handles electricity, water, gas, BTU, and other utilities with a single platform.

✓ Real-Time Monitoring:

View and manage live meter data with easy configuration of custom parameters.

✓ Customizable Reports & Billing:

Supports custom formulas, rules, tariffs, and discount structures for billing, with flexible templates.

✓ On-Premise & White-Labeling:

Can be installed on-premise and white-labeled to match your branding.

✓ Smart Valve & Actuator Support:

Integrated control for smart devices for better utility management.



Compatibility & Integration

✓ Easy Integration:

Simple configuration for any meter supporting standard protocols. Even legacy meters are supported with customizable telegram formats.

Wide Protocol Support:

- ✓ Meters using M-BUS, Modbus, BACnet, MQTT, and other BMS protocols integrate seamlessly.

Legacy Device Flexibility:

- ✓ Read custom telegrams for legacy meters that don't fully conform to modern standards.

Third-Party Integration:

- ✓ Can act as a meter data management system, supplying readings to third-party applications like property management systems.

Data Accuracy & Security

✓ Error Handling:

Automatically detects and corrects transmission errors, supporting encrypted communication where applicable.

✓ Secure Storage:

Data stored securely on your systems, with TCP communication for secure data transfer.



Performance & Scalability

✓ High Performance:

Capable of handling over 5000 meter readings per minute, with advanced DB and query optimization for smooth operations.

✓ Scalable:

Tested and proven in large installations—scales effortlessly for thousands of meters.

✓ Data Analytics:

Sync with a centralized database for advanced analytics on consumption patterns. needs.

User Experience

✓ Intuitive Interface:

Manage mixed-utility environments with ease through a user-friendly interface.

✓ Mobile-Optimized:

All views are mobile-friendly, enabling remote data access and management.

✓ Custom Dashboards & Reports:

Customize fields, reports, and templates according to specific

The screenshot displays the Livares Water Management System's user interface. It features a dark blue sidebar on the left with various utility management options like Dashboard, Billing, Payments, Tenants, Groups, Nodes & Valves, Readings, Reports, Settings, Backup/Restore, Support, and Help. Overlaid on this sidebar are three main windows:

- Live Readings:** Shows a search bar and refresh/export buttons.
- Manage Bills:** Shows a generate bill button and a list of recent bills.
- Main Dashboard:** Features four cards: **Tenants** (6 total), **Consumption** (6908.71 m³ last 30 days), **Sensors** (12 total), and **Nodes with Errors** (0). Below these are two charts: **Invoice Status (Last 6 Months)** (stacked bar chart showing Total, Paid, Pending, and Overdue) and **Recent Bills** (table listing clients, invoice IDs, and issue dates).

Contact **Details**

Aneez Ahmed N

Livares Technologies Pvt Ltd

aneez@livares.com

Cell: +91 9847069610

Livares Technologies Pvt Ltd

5th Floor, Yamuna Building

Technopark Phase III Campus, Trivandrum

Kerala, India-695581

Office: +91 9744815290

E-mail: contact@livares.com

www.livares.com

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