Solution
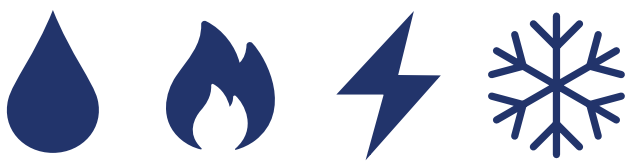## Overview

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.

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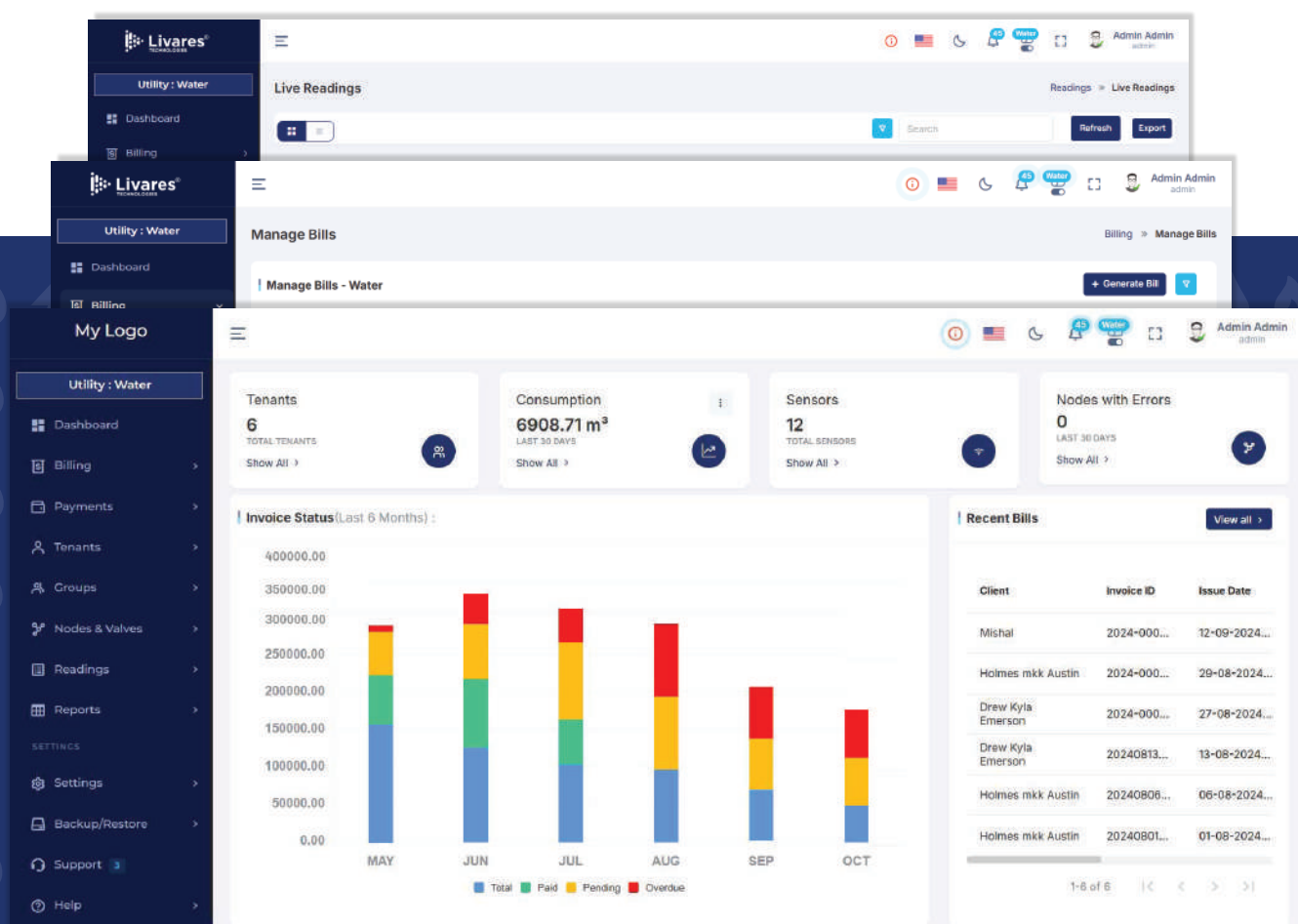Data stored securely on your systems, with TCP communication for secure data transfer.

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

Contact
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