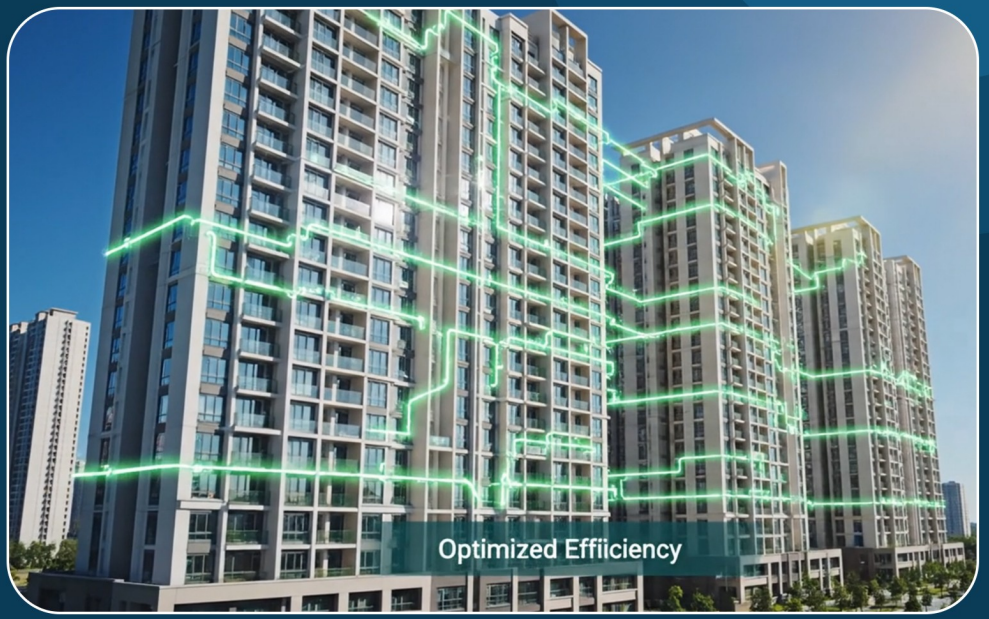
RDL Technologies Pvt. Ltd.

CONNECTED INTELLIGENCE FOR REAL ESTATE & I N DUSTRY

WATER BALANCING SYSTEM

SMART. CONNECTED. AUTOMATED.



RDL's IoT-enabled Water Balancing System helps apartment complexes, commercial buildings and industrial facilities monitor, allocate and control water usage in real time - cutting wastage, preventing leaks, and making billing transparent for every unit.

- Real-Time Monitoring
- Leak Detection
- Remote Access & Control
- Smart Billing Integration

RDL Technologies Pvt. Ltd.

From live camera feed to actionable compliance data

SMART FEATURES. MEASURABLE BENEFITS.

An end-to-end IoT stack - sensors, connectivity, analytics and control - purpose-built for fair, efficient and leak-free water management.

Key Features

Real-Time Monitoring
Continuous tracking of water levels and consumption across every connected point.

Unit-Wise Allocation & Balancing
Fair, automated distribution of water across individual units or zones.

Automated Leak Detection
Instant identification and prevention of leaks before they cause damage.

Remote Access & Control
Manage valves, view status and issue commands from anywhere.

Advanced Analytics & Reporting
Actionable, data-driven insight for consumption and planning decisions.

Billing System Integration
Accurate, auditable usage data flows straight into invoicing.

Business Benefits

Efficient Water Management
Real-time visibility drives smarter allocation, every day.

Lower Wastage & Costs
Fewer losses from leaks and inefficient distribution.

Fair, Transparent Allocation
Every unit or zone gets an accurate, verifiable share.

Convenient Remote Control
Property managers act instantly, without a site visit.

Early Leak Prevention
Minimised damage and repair costs through early warnings.

Accurate Usage Tracking
Clean, reliable data for billing and invoicing accuracy.

HOW THE SYSTEM WORKS

STEP 01	STEP 02	STEP 03	STEP 04	STEP 05
Smart Meters & Sensors	IoT Gateway / Data Logger	Cloud Analytics Platform	Live Dashboard & Alerts	Automated Balancing & Billing

Bengaluru | Mangaluru | Manipal
0824 298 8407, +91 80884 23347/48
sales@rdltech.in
www.rdltech.in

BUILT FOR EVERY WATER-INTENSIVE FACILITY

One platform, engineered to scale - from a single residential block to a multi-building industrial campus.

Apartment Complexes
Multi-unit residences with shared water infrastructure and per-flat balancing.

Office Buildings
Multi-floor commercial spaces requiring separate zone-wise water balancing.

Malls & Retail Centers
High-footfall centers with diverse tenant businesses and varied water demand.

Hotels & Resorts
Complex distribution networks across rooms, kitchens, pools and landscaping.

Industrial Facilities
Warehouses and plants with extensive, process-critical water requirements.

Traditional Water Management

- X Manual meter reading, prone to delay and error.
- X Leaks detected late - often after visible damage.
- X Disputes over unclear or estimated billing.
- X Little to no historical usage data for planning.

RDL Smart Water Balancing

- ✓ Real-time, automated monitoring of every point
- ✓ Instant leak alerts to prevent damage and loss
- ✓ Transparent, accurate, unit-wise billing data
- ✓ Rich analytics & reports for data-driven decisions

WHY CHOOSE RDL TECHNOLOGIES

An IIoT company designing hardware, software and cloud platforms in-house - deployed and supported across India and beyond.

- **End-to-End IIoT Capability**
  From sensors and data loggers to cloud dashboards - RDL designs, builds and supports the complete stack in-house.

- **In-House Hardware & Software Design**
  Dedicated design and engineering teams tailor every deployment to the site's actual infrastructure.

- **Consulting Through Deployment**
  Technical support and consulting at every stage - from planning to installation to ongoing service.

- **Wide Reseller & Partner Network**
  A growing partner network across India and internationally, backed by a dedicated partnership program.

- **Proven Across Industrial IoT**
  The same platform approach behind RDL's MES, OEE, Energy Management and Condition Monitoring solutions.

SEE IT IN ACTION

Explore Our Case Study

Scan the QR code to see how RDL's IoT solutions are driving measurable results for real facilities.

SCAN FOR CASE STUDY

- Real deployments across residential & industrial sites.
- Before / after monitoring & efficiency insights.
- Implementation approach & lessons learned.