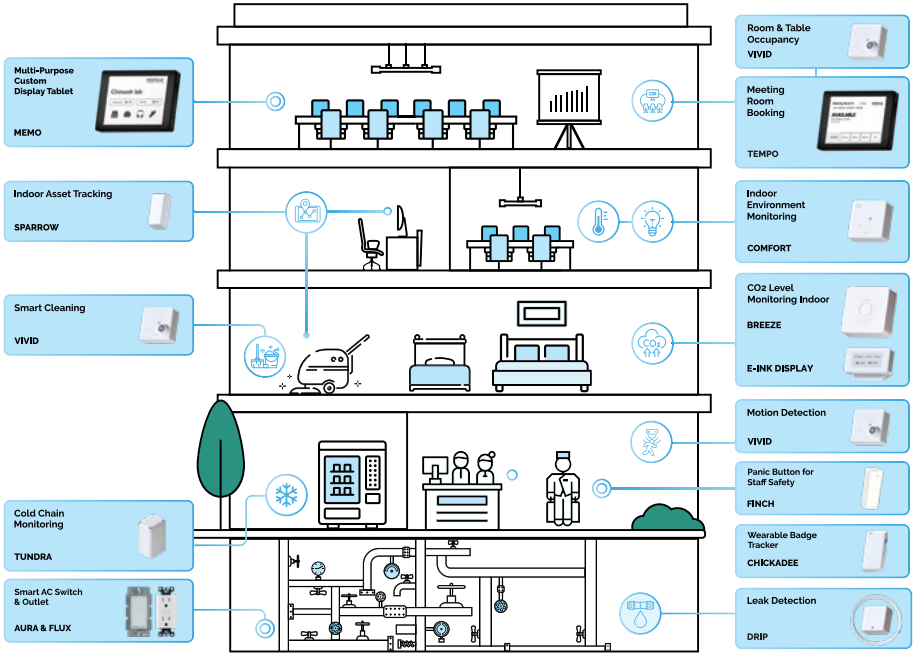
LoRaWAN® Solutions for Smart Buildings and Seamless BMS Integration

TEKTELIC delivers complete LoRaWAN® solutions for commercial buildings—including sensors, gateways with embedded network server, and ready-to-use applications.
These solutions integrate seamlessly with Building Management Systems (BMS) and SCADA platforms, enabling fast, wireless, and scalable deployments—without disrupting existing infrastructure.

Sensors & Devices | Gateway | Building Management System



LoRaWAN® Network Solutions

KONA Micro

Indoor Enterprise LoRaWAN® Gateway

Compact 8-channel gateway with built-in 3G/4G modem and 4-hour battery backup for "Always On" connectivity. Ideal for facility monitoring, offices, and light industrial use. Plug-and-play setup simplifies deployment.

- ✓ Battery backup
- ✓ Integrated cellular
- ✓ Easy indoor install

KONA Micro *with Embedded LNS*

Indoor LoRaWAN® Gateway with Network & Application Server

Same form factor and resilience as KONA Micro, but with embedded LNS and Node-RED application server for standalone deployment. Supports BACnet, Modbus TCP/IP, SCADA & PLC integration—ideal for BMS rollouts.

- ✓ Battery backup
- ✓ Integrated cellular
- ✓ Easy indoor install

Kona Enterprise

Outdoor Enterprise LoRaWAN® Gateway

Rugged, compact, and IP67-rated for reliable outdoor performance. Integrated LoRaWAN®, 3G/4G, and GPS antennas with optional external ports. Supports PoE and easy pole/wall mounting.

- ✓ Wide-area coverage
- ✓ Built-in antennas
- ✓ Cost-effective outdoor option

KONA Enterprise *with Embedded LNS*

Outdoor LoRaWAN® Gateway with Network & Application Server

All the benefits of the KONA Enterprise, enhanced with embedded LNS and Node-RED for full edge intelligence. BACnet/Modbus support enables direct integration with building systems — no external server needed.

- ✓ Wide-area coverage
- ✓ Built-in antennas
- ✓ Cost-effective outdoor option

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COMFORT

Indoor Environment Monitoring

Compact and maintenance-free — enables real-time comfort and energy optimization across workspaces, schools, or public buildings. Ideal for facility automation.

- Temperature & Humidity
- Light Detection (On / Off)
- Moisture / Leak Detection
- Impact / Shock
- Pulse Reading (Water, Gas, etc)

BREEZE

Indoor Air Quality & Environmental Monitoring

Optimizes indoor air quality with real-time CO_2 visibility. Essential for healthy workplaces, classrooms, and smart meeting room automation.

- CO_2 Concentration
- Light
- Humidity Monitoring
- Temperature Monitoring
- Barometric Air Pressure

BALANCE

Indoor Environment Monitoring & Control

Smart environment sensor with thermostat control logic. Enables autonomous HVAC control, energy savings, and remote configuration via LoRaWAN®.

- Moisture / Leak Detection
- Temperature & Humidity
- Valve Control
- Movement Detection (Doors, Windows, Drawers)
- Pulse Reading (Water, Gas, etc)

TUNDRA

Cold Chain Monitoring

Built for fridges, freezers, and cold rooms. Ensures temperature-sensitive areas stay compliant with health and safety standards.

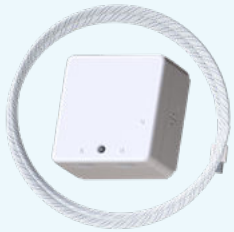
- Temperature Monitoring
- Humidity Monitoring
- API for Seamless Integration with other Application
- Multiple Variants for Flexible Deployments

DRIP

Leak Detection & Indoor Environment Monitoring

Detects even minor leaks before they cause damage. Designed for hidden or hard-to-reach areas like under sinks, behind walls, or within cabinets.

- Moisture / Leak Detection
- Movement Detection (Doors, Windows, Drawers)
- Pulse Reading (Water, Gas, etc)
- G-Force Measurement
- Light Detection (On / Off)



MEMO

Multi-Purpose Digital Display, Control & Analytics Solution

E-ink display tablet with programmable logic. Perfect for meeting room booking, signage, and smart environment control with visual feedback.

- Custom Messaging
- Fully Wireless
- Interactive Display
- Integrates With Other Devices

VIVID

Room Occupancy & Indoor Environment Monitoring

PIR-based sensor ideal for space utilization and automation. Helps optimize cleaning, HVAC, and lighting based on real-time occupancy insights.

- Temperature & Humidity
- Light Detection (On / Off)
- Doors & Windows (Open/Close)
- Impact
- Occupancy Detection

TEMPO

Outlook Meeting Room Booking, Control & Analytics Solution

Smart meeting room booking and control solution with real-time occupancy, temperature, and air quality insights—fully integrated with Outlook® and Google Calendar.

- Meeting Room Booking Optimization
- Meeting Room Occupancy Management
- Room Utilization Analysis

Why Choose TEKTELIC for Smart Buildings

Full Portfolio
Sensors, Gateways, Applications

Seamless Integration
BACnet/IP, Modbus TCP, MQTT, REST API

Embedded LNS
Local Network Server—no external cloud needed

Niagara Framework™ Compatible
Plug-and-play with standard BMS systems

High Capacity
Supports hundreds of sensors per gateway

Scalable Deployment
From small offices to large commercial buildings