

TEKTELIC

End-to-end LoRaWAN IoT solutions, including gateways, sensors, and a comprehensive cloud/on-premise software platform for remote patient monitoring and asset tracking in healthcare.

<https://tektelic.com/>

Overview

TEKTELIC provides complete, carrier-grade LoRaWAN IoT solutions, encompassing a wide portfolio of sensors (like eDoctor, eBeat, SPARROW, BREEZE), gateways, and a powerful software ecosystem. The software component, which includes the KONA Core LoRaWAN Network Server and vertical applications like eDoctor and LeapX, is designed for reliability, scalability, and cost-effective IoT deployments in various sectors, with a strong focus on Digital Medicine and Healthcare.

Healthcare Focus and Capabilities

The solutions are specifically tailored for Smart Healthcare, Long-Term Care, and Home Care. The software platform processes and visualizes real-time data collected from specialized wearable sensors (e.g., eDoctor for vital signs like body temperature, heart rate, respiration rate, and chest expansion) and environmental sensors. This enables continuous, 24/7 remote patient monitoring, early detection of respiratory distress, and improved patient safety.

Key Software Features

The platform offers intelligent device management, high-capacity data storage on cloud platforms, and user-friendly desktop and mobile applications for data analysis and reporting. It simplifies data interpretation for healthcare professionals and supports evidence-based decision-making. The system is designed for simple integration with existing infrastructure, including Building Management Systems (BMS) and Electronic Patient Record (EPR) systems. The KONA Element OA&M Server provides comprehensive tools to configure, monitor, and optimize the performance of all LoRaWAN Gateways in a customer's network.

Key Features

- Carrier-Grade LoRaWAN Network Server (KONA Core)
- Real-Time Remote Patient Monitoring (Vital Signs, Activity)
- IoT Asset Tracking and Utilization Management
- Environmental and Facility Monitoring (Temp, Humidity, CO2)
- Web and Mobile Applications for Data Visualization (eDoctor, LeapX)
- High-Capacity Data Aggregation and Storage
- Integration via MQTT, HTTP, Modbus, BACnet
- Device Management and Network Optimization (KONA Element OA&M)

Pricing

Model: enterprise

Pricing is not publicly disclosed and is based on an enterprise, solution-based model, which includes hardware (gateways, sensors) and software (Network Server, applications, and support). Contact sales for a quote.

Target Company Size: medium, enterprise

Integrations

MQTT, HTTP Integrations, Building Management Systems (BMS), Electronic Patient Record (EPR) Systems, Modbus, BACnet

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