



# ARNOWA for LoRaWAN

Enabling Smart, Scalable, and  
Resilient Connectivity

# What is LoRaWAN?

**LoRaWAN (Long Range Wide Area Network)** is a low-power, long-range wireless protocol designed for connecting battery-operated IoT devices in smart environments. Arnowa uses LoRaWAN to deliver robust, scalable, and cost-efficient data communication across large buildings, campuses, and cities.

## Why Arnowa + LoRaWAN?

Arnowa integrates **LoRaWAN** into its IoT ecosystem to support smart metering, environmental monitoring, and infrastructure control—offering seamless coverage without expensive cabling or power-hungry networking.

## Key Features & Benefits



### Wide Coverage & Deep Penetration

- Ideal for large campuses, basements, and high-rise buildings.
- Connect devices up to 15 km line-of-sight.



### Ultra-Low Power Consumption

- Battery life of 5–10 years for remote sensors.
- Reduced maintenance and operating costs.



### Seamless Integration with Arnowa Cloud & AI

- Real-time alerts, trend analysis, and predictive maintenance.
- Centralised dashboard for all utilities and ESG metrics.



### Plug-and-Play Scalability

- Add or reconfigure sensors without rewiring.
- Scalable from one building to entire smart cities.

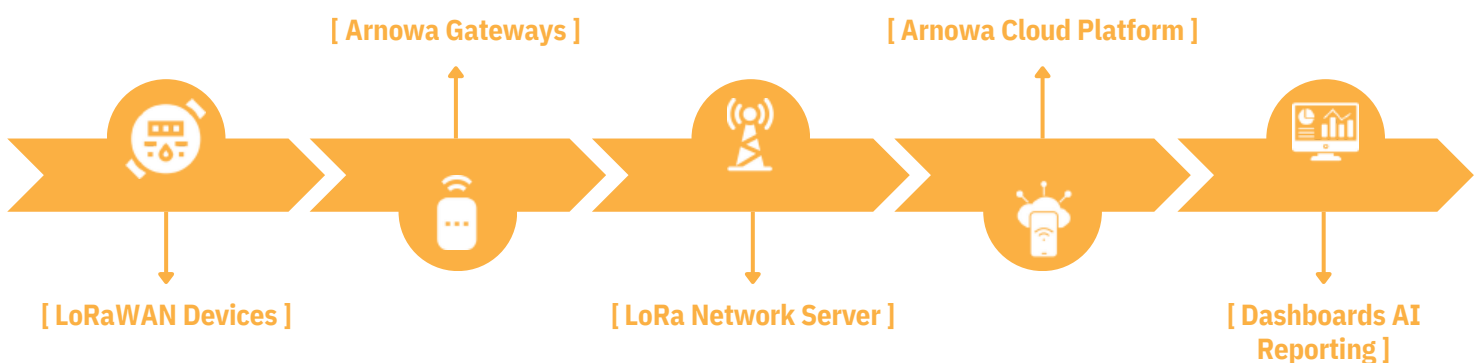




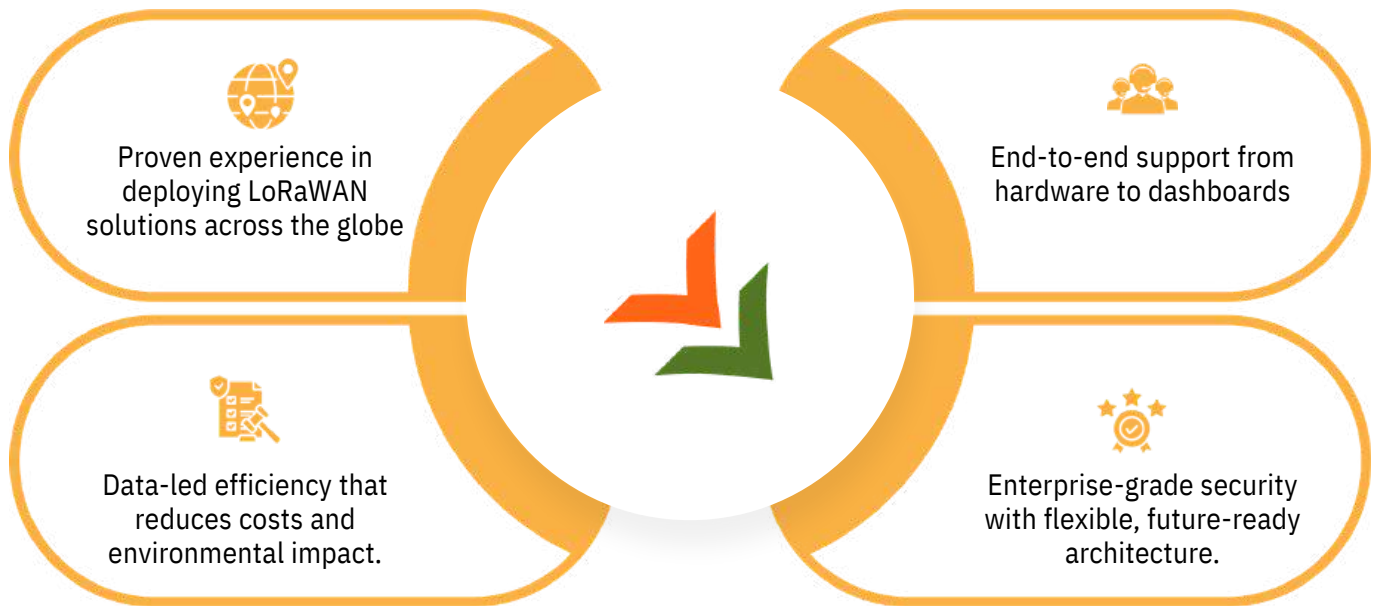
## LoRaWAN-Enabled Devices with Arnova

- Energy meters (single/three-phase)
- Water meters with pulse or digital interface
- Indoor/outdoor air quality monitors
- Leak detectors & flow sensors
- Smart irrigation valves
- Environment & occupancy sensors
- Miscellaneous sensors for other purposes

## Integrated Architecture



# Why Arnowa?



## Get Connected the Smart Way

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PREFERRED SUPPLIER



*Smart networks begin with smart connectivity—choose Arnowa's LoRaWAN solutions to power your digital transformation.*