

The ThingPark Enterprise All-in-One (TAO) solution dramatically simplifies and accelerates the integration of LoRaWAN® devices into your BMS Controller.

Time Saved: Automated LoRaWAN to BACnet Integration

The core value of this solution is the massive reduction in integration time, which traditionally takes weeks of manual effort.

Eliminates Manual Mapping: The system offers fully automated mapping of LoRaWAN® sensor data into standard BACnet objects. There is no need for manual configuration.

Accelerated Deployment: Using built-in drivers, TAO automatically formats your data to instantly present wireless LoRaWAN sensors to your BMS as native BACnet points.

Sensor Agnostic: The TAO Solution ensures you are never tied to a single sensor manufacturer, making your network hardware agnostic for end-devices. With a wide range of built-in device drivers and smart data standardisation, the platform supports virtually any LoRaWAN-compliant sensor. This capability provides sourcing flexibility, competitive pricing, and truly futureproofs your field hardware investment by ensuring you can always integrate the best sensor for any specific use case.

MONO LICENSE:

Feature

All-in-One Network Engine

What It Is

The license includes the Network Server, Join Server, BACnet, and Modbus connectors embedded in a single Master Gateway.

Core Benefit: Time Saved & Value

Delivers a professional, ready to use private LoRaWAN solution.

Automated BACnet Mapping

Provides fully automated mapping of LoRaWAN® sensor data into standard BACnet objects.

Start Immediately. You get an autonomous, industrial-grade LoRaWAN® private network right out of the box, with native BACnet/Modbus integration.

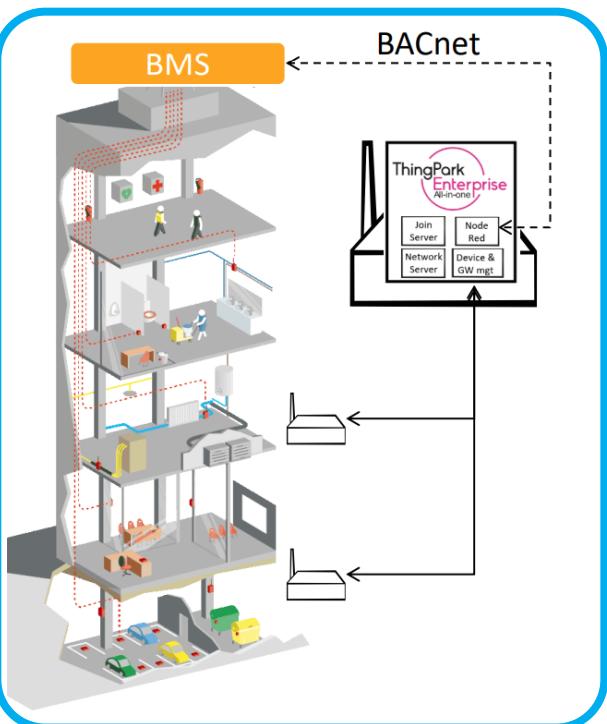
Capacity & Scalability

Supports one Master Gateway, up to 4 remote gateways, and up to 300 LoRaWAN® devices.

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The Solution & Benefits:



Affordable and Competitive: This solution is often more affordable compared to other products on the market, which typically use recurring annual subscription fees based on the number of data points. TAO is licensed with a simple one-off CAPEX fee for the core network, ensuring predictable costs and a better long-term ROI.

License Model and Scalability: The core license is tied to the Master Gateway (Mono License) and is designed to manage a multi-gateway network. This architecture enables a straightforward, seamless migration to the full-featured Masterfleet solution, allowing you to scale up to carrier-grade deployments with thousands of gateways and high availability.

Wide Gateway Support: The platform is hardware-agnostic, ensuring support for a wide range of industry-standard gateways from top vendors such as Kerlink, Tektelic, and Milesight, giving you maximum choice in your hardware deployment.

Futureproof: (The ThingsPark All-in-One (TAO) Solution is inherently futureproof, thanks to its adherence to open standards (BACnet/Modbus) and a seamless migration path. By translating LoRaWAN® sensor data into standard BACnet objects, TAO makes your network BMS-agnostic, providing the flexibility to update or replace all your BMS controllers at once, or individually, without impacting the sensor network.

Support:

Feature

Engineered Reliability

What It Is

The embedded Network Server (LNS) is fully maintained by Actility's dedicated technical development team.

Core Benefit: Time Saved & Value

Future-proof peace of mind. You get a continuously upgraded, professional-grade solution that guarantees reliability, unlike basic.

Rapid Recovery

Provides fully automated mapping of LoRaWAN® sensor data into standard BACnet objects.

Maximised uptime. Quickly recover from any hardware failure with minimal disruption.

Capacity & Scalability

Supports one Master Gateway, up to 4 remote gateways, and up to 300 LoRaWAN® devices.

4 remote gateways, and up to 300 LoRaWAN® devices. Cost-Effective Growth. Ideal for pilot projects and small-to-medium deployments, with a seamless migration path to the full-scale ThingPark Enterprise.

**Interested in onboarding the TAO Solution?
Contact our Sales Team today.**

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