

Haxiot Conductor Platform Overview



Haxiot provides complete and enterprise LPWA IoT solutions. The core technology is built around the Conductor SaaS platform, designed for large scale device management of LoRaWAN end-devices. Haxiot provides a complete solution for provisioning, managing and exporting data for any standard LoRaWAN devices. In addition, the application services provide advanced IoT analytics both automated and using our Real-Time Insight Engine. Haxiot builds infrastructure products such as modules and gateways to drive rapid use-case adoption through a streamline customer experience. Haxiot has strategic relationships with LoRa device manufacturers to bring a large portfolio of connected applications to different markets.

SIMPLE DEPLOYMENT

Conductor has been designed for highly automated deployments of LPWA solutions. Use either our API or Web based deployment to rapidly setup your IoT network.

SCALABLE

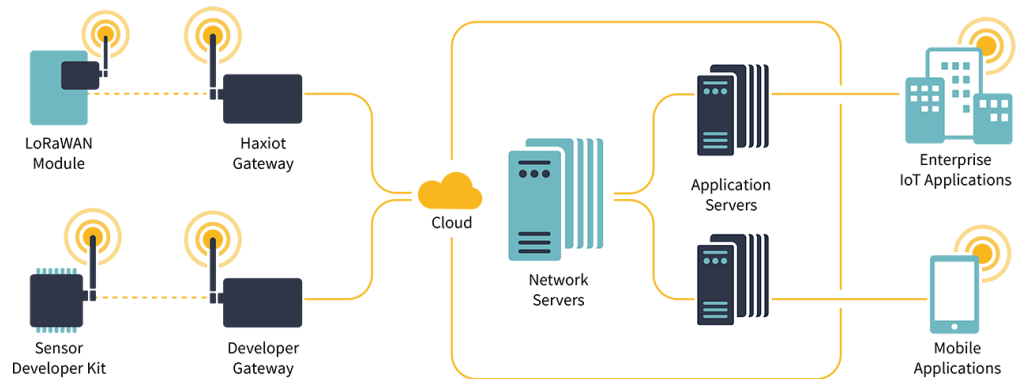
Superior scalability enables Conductor to grow with your business needs, just enable more licenses to grow.

COMPLETE SOLUTION

Combine with Conductor AS and Haxiot gateways for a complete Low-Power Wide Area network solution.

For more information on any of our solutions please visit us on the Web at: www.haxiot.com

Haxiot End to End Solutions



Haxiot simplifies LPWA solutions for enterprise customers. Use cases are faster to market and lower cost than assembling through the disaggregated Lora ecosystem suppliers

Supports Haxiot or other 3rd party LoRaWAN gateways for a complete end to end network. Automated device management with automated fault analysis and logging simplifies operational management tasks. Preconfigured rules for dead-device detection,

Haxiot Conductor software capabilities for analytics and automating business processes with IoT sensors. Haxiot completes the enterprise offering by bringing together multiple complex hardware components into a single system.

Benefits

- LoRaWAN Protocol
- Analytics
- Scalability
- Security
- Cloud or Server Based
- Mobile and Web

Key Features



Message Delivery

Scheduling uplink and downlink messages to devices



Security & Authentication

Managed encryption, join procedures



Messaging API

Secure APIs to 3rd party provisioning, fault and application servers



Device management

Performance, configuration, battery reporting, location



Gateway Management

Configuration, statistics, location



Radio management

Manage channel plans, frequency allocations, transmit power

Advanced Features

- **Basic Fault & Alarm Management** – Provide real-time alarming for active alarm conditions
- **Provisioning** – Provision secure device keys either on the platform or directly from the contract manufacturer. Reduces cost and simplifies deployment
- **Analytics & Reporting** – The key benefit of the Haxiot Conductor NS platform is about analyzing the incoming data in real time to create actionable insights. The Analytics & Reporting engine can provide custom views of the historical data and provide reports for critical business KPIs
- **Advanced Alarm & Fault Management** – The advanced package provides event correlation and advanced multi-element rules to the basic alarm & fault management.
- **Real-time Response Engine** – The Real-time response engine enables rules for real-time actions, for example sending commands to end-devices or dispatching field services engineers in response to a detected event in the network. The real-time response engine is a high performance rules based system that allows advanced policy to be applied to data as it flows through the platform. The rules and actions are customizable for each service.

API SUPPORT

RESTful

HTTP/HTTPS

MQTT

WEBSOCKET

CLOUD VS DEDICATED

The Conductor platform is available as a secure cloud instance or can be deployed as a dedicated instance in a private datacenter.