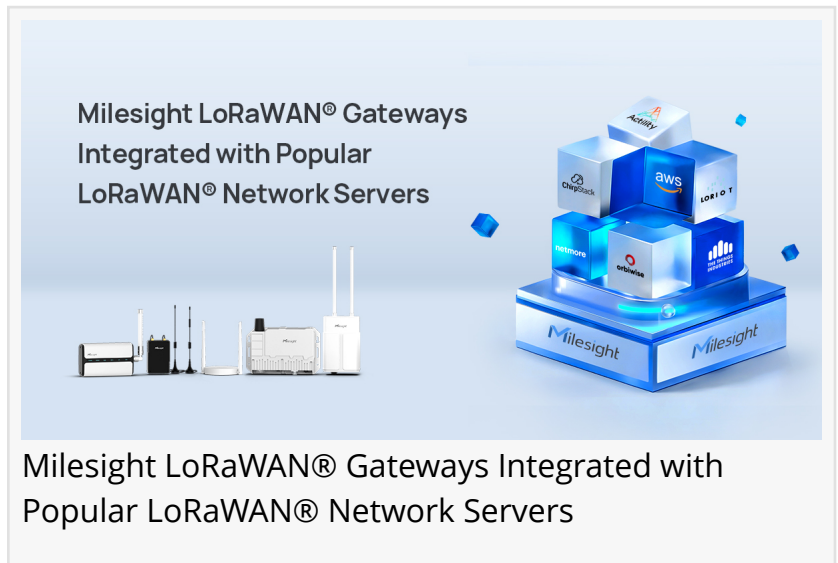


Simplifying IoT Deployment: Milesight LoRaWAN® Gateways Integrated with Popular LoRaWAN® Network Servers

XIAMEN, FUJIAN, CHINA, February 27, 2025 /EINPresswire.com/ -- As the Internet of Things (IoT) landscape continues to evolve, connectivity solutions must offer seamless interoperability and reliability. Designed to bridge the gap between devices and cloud platforms, Milesight LoRaWAN® gateways are compatible with a wide range of mainstream LoRaWAN® Network Servers (LNS), including Actility, AWS, ChirpStack, LORIoT, Netmore, Orbiwise and The Things Stack by The Things Industries. This compatibility enhances network flexibility, scalability, and ease of deployment, making Milesight gateways a preferred choice for diverse IoT applications.



A Comprehensive Gateway Portfolio

Milesight offers [a comprehensive range of LoRaWAN® gateways](#) designed to meet different deployment requirements, from industrial environments to indoor and outdoor settings. Below is an overview of the gateway lineup:

- SG50 Ultra Low Power Solar LoRaWAN® Gateway – A solar-powered, ultra-low-power gateway ideal for remote and off-grid applications.
- UG63 Mini LoRaWAN® Gateway – A compact gateway optimized for cost-effective small-scale applications.
- UG56 Industrial LoRaWAN® Gateway – A robust industrial-grade gateway designed for critical IoT deployments.
- UG65 Indoor LoRaWAN® Gateway – A powerful gateway suited for semi-industrial and indoor environments IoT solutions.
- UG67 Outdoor LoRaWAN® Gateway – A weatherproof outdoor gateway designed for extensive LoRaWAN® coverage.

Seamless Compatibility with Leading LoRaWAN® Network Servers

In addition to the integrated Network Server, Milesight LoRaWAN® gateways offer the significant advantage of compatibility with a wide range of LoRaWAN® Network Servers. These servers provide robust network management, ensuring reliable data transmission, efficient device provisioning, and advanced analytics. Milesight gateways have been rigorously tested and are proven to work seamlessly with the following leading LNS platforms:

- Actility – A globally recognized network server offering enterprise-grade LoRaWAN® connectivity solutions.
- AWS IoT Core for LoRaWAN® – A cloud-based LNS from Amazon Web Services, allowing seamless IoT data integration with AWS services.
- ChirpStack – An open-source network server supporting efficient LoRaWAN® deployments.
- LORIIOT – A widely adopted network server providing secure and scalable LoRaWAN® connectivity.
- Netmore – A robust LoRaWAN® connectivity solution tailored for critical infrastructure and business operations.
- Orbiwise – A feature-rich LNS platform designed for carrier-grade LoRaWAN® deployments.
- The Things Stack by The Things Industries – A scalable and secure LoRaWAN® network server designed to simplify IoT device integration and management.

Step-by-Step Tutorials for Connecting Milesight Gateways to LNS

Milesight provides intuitive guides for integrating gateways with popular LNS platforms. Here are some useful resources for learning how to link your gateway to popular LoRaWAN® Network Servers:

Here's a quick guide to the process:

1. Gateway Configuration: Access the gateway's web interface (via Ethernet/Wi-Fi) to set frequency, region, and LNS details.
2. LNS Setup: Create a gateway entry on your chosen Network Server (e.g., ChirpStack or AWS) using the gateway's EUI and key.
3. Data Routing: Link the gateway to the LNS via packet forwarder.
4. Validation: Verify connectivity by checking real-time data uplinks and downlinks.

Here are step-by-step tutorials

- Actility: <https://www.youtube.com/watch?v=gGTZJUtaYfE>
- AWS IoT Core: <https://support.milesight-iot.com/support/solutions/articles/73000514215-aws-iot-core-for-lorawan-milesight-gateways-integration>
- ChirpStack: <https://support.milesight-iot.com/support/solutions/articles/73000514269-chirpstack-milesight-gateway-integration>
- LORIIOT: <https://www.youtube.com/watch?v=MNWrbDL1aE>
- The Things Stack: <https://www.youtube.com/watch?v=9xqXTXeq93E>

Advantages of Using Milesight Gateways with Mainstream LNS

The seamless integration of Milesight LoRaWAN® gateways with various LNS platforms offers numerous benefits:

1. Enhanced Deployment Flexibility

With broad compatibility across leading LNS platforms, users can choose a network server that best suits their operational requirements, ensuring a tailored IoT deployment.

2. Simplified Configuration & Management

Milesight gateways are designed with user-friendly interfaces and intuitive setup procedures, making integration with different LNS platforms straightforward.

3. Reliable & Scalable Connectivity

By leveraging established LNS providers, Milesight ensures stable connectivity, high data accuracy, and the ability to scale networks as IoT applications grow.

4. Industry-wide Application Support

Whether for smart cities, industrial automation, agriculture, or environmental monitoring, the interoperability of Milesight gateways with multiple LNS providers ensures support for various use cases.

Milesight continues to lead in the IoT ecosystem by providing highly compatible, reliable, and scalable LoRaWAN® gateways. With seamless integration across mainstream LoRaWAN® Network Servers, businesses and developers can deploy efficient, future-proof IoT solutions. Whether for small-scale implementations or large-scale industrial applications, Milesight LoRaWAN® gateways deliver superior connectivity and performance.

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