Ursalink Cloud

Ursalink Cloud
Based on AWS

API

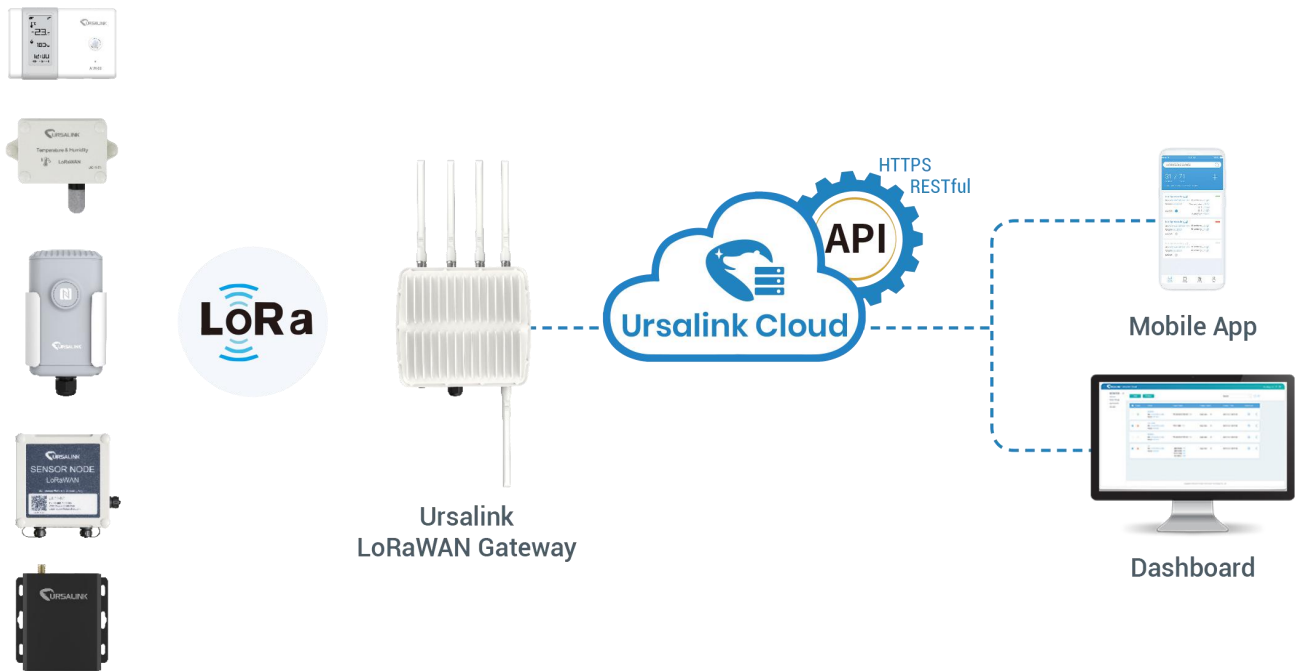Develop Device-to-Cloud Connection

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Build IoT Solution with Ursalink Cloud

LoRaWAN End-Nodes

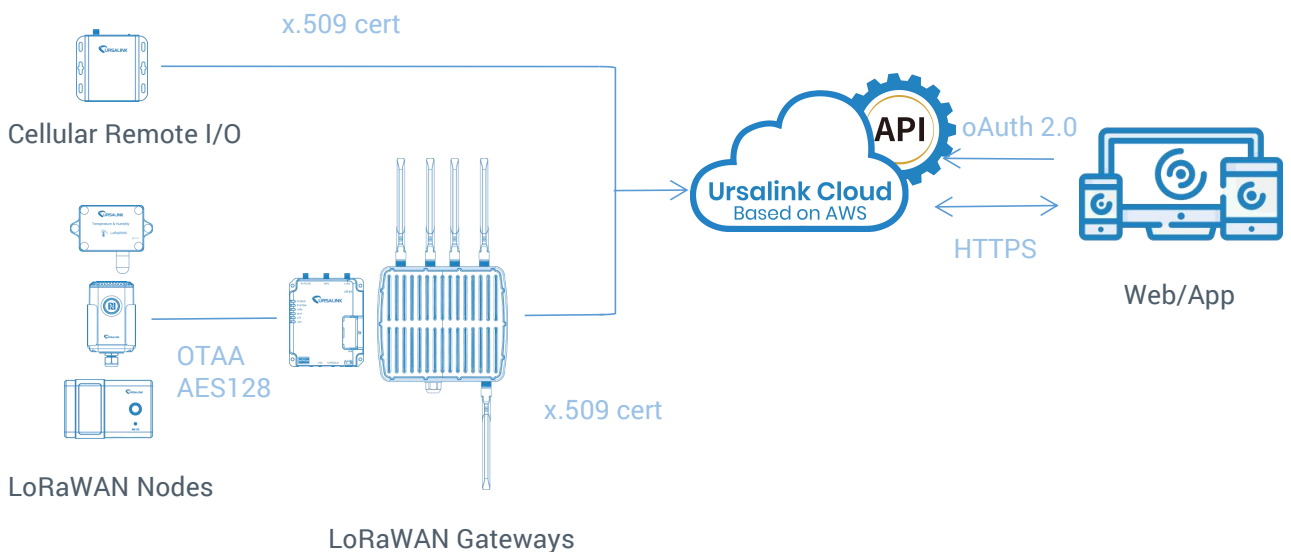Ursalink LoRaWAN Gateway

Ursalink Cloud

HTTPS RESTful
API

Mobile App

Dashboard

Ursalink Cloud provides unparalleled levels of vertical integration with Ursalink LoRaWAN nodes (sensors, sensor nodes and remote I/Os). It visualizes field data and enables user to monitor and control remote assets on an intuitive dashboard.

Individuals and businesses are able to deploy their own IoT solutions with Ursalink Cloud in scenarios such as office ambience monitoring, presence monitoring, water level monitoring, etc.

Ursalink Cloud Security

Ursalink Cloud is a comprehensive cloud-based on AWS. It collects data from Ursalink end-nodes and provides APIs, App and Web GUI for users. Data security and privacy is the highest priority at Ursalink and for its users; therefore, Ursalink Cloud offers a range of security mechanism to protect your data.

- ## X.509

X.509 certificates act as secure identifiers, digital passports which contain information about the owner. Every device uses a unique certificate that ensures all data from end nodes to Ursalink Cloud is well validated and encrypted.

- ## HTTPS

With functionalities of anti-spoofing and data encryption, HTTPS protocol keeps communication securely between user-end and Ursalink Cloud.

- ## OAuth

Ursalink Cloud uses OAuth for user authorization.

- ## Data Storage

Data is placed and protected by AWS.

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Benefit from Ursalink Cloud

- ### Flexible API
  Ursalink Cloud provides HTTPS and RESTful APIs to transform data collected from field devices into visualization.

- ### Visualization
  Transform real-time and historical data into drag-and-drop widgets on dashboard

- ### Monitoring & Control
  Control access and monitor your projects from anywhere

- ### Timely Alerts
  Enable email and mobile push notifications based on triggered events

- ### Security & Reliablity
  Built on AWS to provide the most confidential and reliable infrastructure for your data
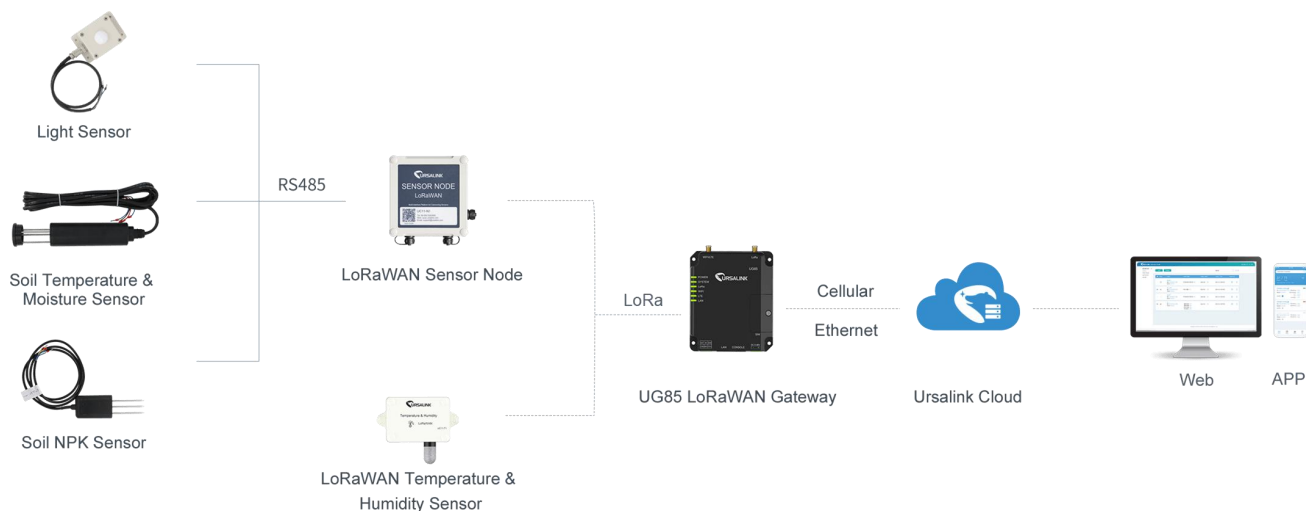
- ### Device Sharing & Transferring
  Built on AWS to provide the most confidential and reliable infrastructure for your data

- ### Reduce Time & Cost
  Personnel can operate Ursalink devices easily on Web or Mobile App without going to site.

Node-to-App Starter Kit

Ursalink designs a LoRaWAN Agricultural Monitoring Starter Kit that simplifies the process of PoC of smart agriculture by providing you with everything needed for an easy experience.

The starter kit not only includes LoRaWAN gateway, LoRaWAN sensor node and agricultural sensors that monitor temperature, humidity, light, soil NPK (Nitrogen, Phosphorus, and Potassium), and soil temperature & moisture but also offers 1-year free Ursalink Cloud service for new cloud users.

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