Sophisticated IoT Platform

LoRaWAN®

Smart Farming on the IoT Cloud

Monitor a huge range of sensors in real-time, control things remotely and automate tasks

- Real-Time Dashboards & Charts
- Accessible on Any Connected Device
- Email, SMS & Voice Notifications
- Add Annotations to Alert Events
- Audit Reports and Raw Data can be Downloaded or Emailed Automatically
- Online Cloud Storage with 99.9% Up-Time
- API's to integrate to 3rd party software
- Automate Tasks and Events Based on Sensor Inputs
- Schedule Time Based Commands

LoRaWAN is a cutting edge wireless network that boasts extremely long-ranges with low power consumption. It'll be used to connect the next billion devices to the "Internet of Things'.

Telemetry2U proudly combines this amazing technology with a complete suite of plug-and-play products and services that can be applied to just about any application.

Cloud connectivity made simple and affordable with unlimited applications

Contact Us for more information!

Use the latest technology to keep you informed 24/7 and enhance farming operations

IoT Sensors used for Smart Farming

LoRaWAN Drives IoT Applications

Monitor and Control on any Connected Device

Sensor data is made available on Telemetry2U's IoT platform where it's accessible from any device with an internet connection. Configure the style of your own dashboards that clearly present real-time data. Also, add buttons that are set to control outputs and actuators or change settings.

View historical data on charts and tables as well as download raw data for further analysis in 3rd party software. Data is stored on Telemetry2U's servers which makes it easy to go back in time to compare a seasons conditions against the crops final yield so you can decide what works best and how to make things even better!

As well as sending Email, SMS and voice alerts when sensors exceed limits, it's also possible to trigger actions to perform tasks that turn 'things' on/off remotely. You can also set up commands on time based schedules with ease.

As a farmer, you understand the importance of soil health and how environmental conditions directly relate to plant health and product yield. Measuring these parameters scientifically has previously been expensive and time consuming. Not anymore! T2U provide a suite of plug-and-play IoT products that include.
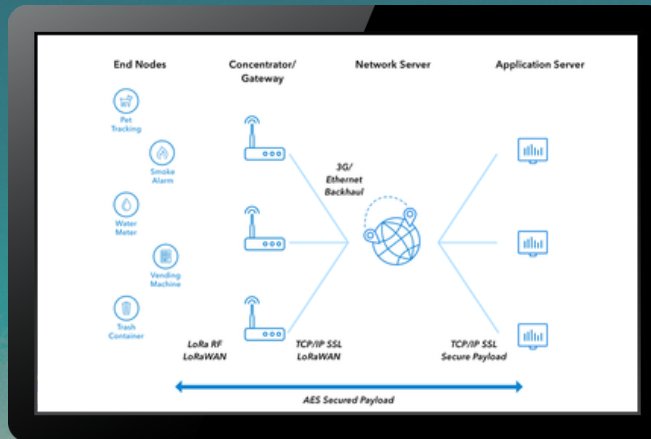
- Soil Moisture, Conductivity, Temperature, pH & NPK.
- Leaf wetness & leaf temperature
- Full weather stations with 9+ parameters
- Measure hopper or tank levels with distance meters
- Keep track of water usage with flow meters
- Track asset status and location with GPS

Additionally, integrate to most 3rd party sensors that host either an RS485, SDI-12, 4-20mA or analogue voltage output.

We also supply output controllers to manage devices and actuators remotely. Switch both AC and DC power or trigger other systems with digital outputs.

Most sensors are battery operated and can last for 10+ years but in applications where more power is required, T2U provide a standalone solar option that's weatherproof and practically maintenance free.

Telemetry2U employs LoRaWAN to send data to our cloud servers. LoRaWAN is a cutting-edge, wireless technology that's fast becoming the go-to protocol used to connect sensors and devices to the 'Internet of Things'.

LoRaWAN 'things' communicate directly with a gateway via low powered, long-range radio link capable of more than 10km+. The gateway uses either Wi-Fi/4G to upload the sensor data to T2U's private and secure server.

Host a private LoRaWAN network with your own plug-and-play gateway supplied by Telemetry2U or alternatively connect to one of the ever growing public LoRaWAN networks such as Helium or TTI - the integration is simple!

helium

THE THINGS INDUSTRIES

Take a look at the range of LoRaWAN sensors that work seamlessly with Telemetry2U

+61-402-301-051

SALES@TELEMETRY2U.COM

WWW.TELEMETRY2U.COM