



Sophisticated IoT Platform



Aquaculture on the IoT Cloud



Monitor water quality parameters in real-time to help reduce mortality and increase productivity.

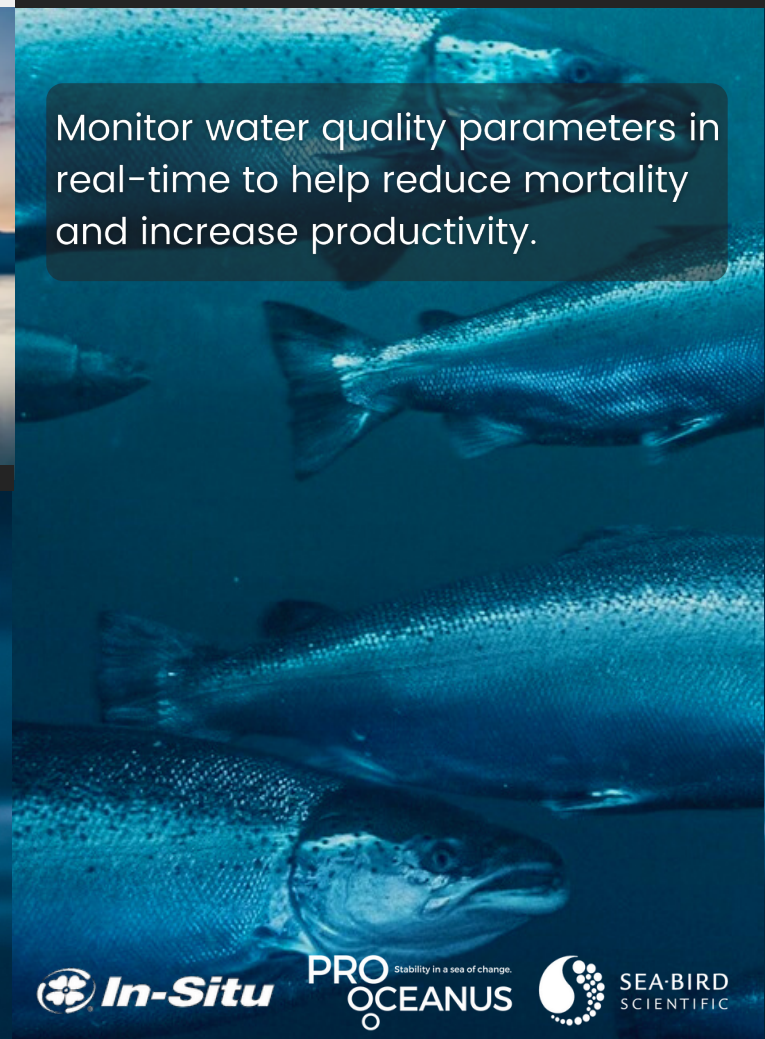
- Real-Time Dashboards & Charts
- Accessible on Any Connected Device
- Email, SMS & Voice Notifications
- Add Annotations to Alert Events
- Audit Reports and Raw Data can be Downloaded or Emailed Automatically
- Cloud Storage with 99.9% Up-Time
- API's to integrate to 3rd party software
- Trigger Commands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



Water quality is the driving force behind all successful aquaculture applications!



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Sensors for Cloud Based Aquaculture Applications



There are so many water quality sensor manufactures on the market, we couldn't possibly list them all here. What's most important to know is T2U can connect many of these sensors to the IoT cloud where you can monitor them in real-time. We already host working applications with big brands like In-Situ, Seabird Scientific, Hach and Pro-Oceanus. With so many options, it's easy to monitor parameters like,

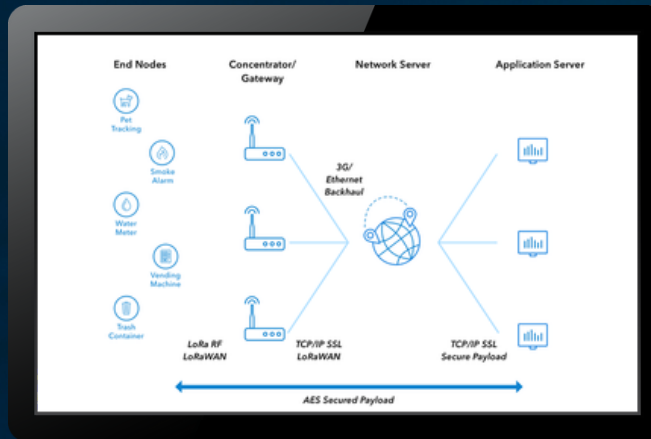
- Temperature
- Conductivity
- Salinity
- pH
- ORP
- Dissolved Oxygen
- Oxygen Saturation
- CO2
- Turbidity
- Depth/Pressure

These are just a few of possibilities. Basically, T2U can integrate to any sensor with either an RS485, SDI-12, 4-20mA, analogue voltage or pulsed 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.

In applications where no power is available, T2U provide standalone solar powered options that are weatherproof and practically maintenance free.

LoRaWAN Drives IoT Applications



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(s) 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!



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

Visualise Data 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. Audit reports containing detailed information like charts, statistics and events can be downloaded or set to be emailed out automatically on a schedule of your choosing.

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.



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