

# Telua IoT Platform

<https://telua.co> - Telua IoT platform

## Some PLC based Automation Projects ( PLC - Programmable logic controller )

- PLC Based on Garden Irrigation System
- PLC Based on Automatic Motor Speed Monitoring System
- PLC Based on Multi-Channel Temperature Monitoring and Controlling System
- PLC Based on Humidity and CO2 Monitoring and Controlling System
- PLC Based on Agriculture Irrigation System
- PLC Based Door Open and Closing System
- PLC Based Temperature Controller
- PLC Based Automatic Coffee Vending Machine
- PLC Based Automatic Traffic and Street Light Controller
- Automatic Water Level Control System Using PLC Project
- Automatic Feeder Machine



## Problem of PLC

- The license of software is expensive
- No easy to configure with normal users

## Solution

- Develop the visual programming language instead of PLC to control devices via the internet and support the automation industry

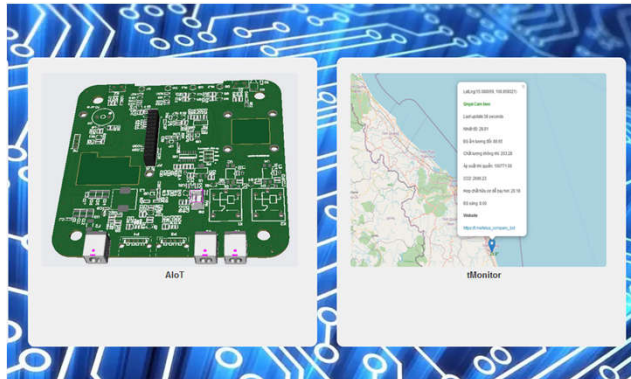
## Why better ?

- Price is cheaper
- Open APIs for community
- Open-source hardware of sensors
- Integrate machine to machine and machine learning for smart agriculture

# Technical Advantages

- Support data model to add new product
- Backup data of device on cloud
- Real-time connection between devices

# Products



## Hardware

- CO2, VOC, pH, Lux, Temperature, Humidity Sensor
- GPIO controller
- GPIO Expander

## Software

- <https://telua.co/aiot>
- <https://telua.co/tmonitor>

# Demo

Control devices

<https://telua.co/aiot>

User: letrthong@gmail.com

Password: 12345678

Weather station

<https://telua.co/tmonitor>

<https://telua.co/tmonitor#api>

The visual programming language

[https://github.com/letrthong/uhes\\_visual\\_programing\\_iot](https://github.com/letrthong/uhes_visual_programing_iot)

# Business Model

- Sale Sensors, devices
- A device must pay fee 1\$ or 2\$ per month if the user has greater than 3 devices





# Competition



<https://www.tuya.com/>

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