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 CO_2 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 programing language instead of PLC to control devices via the internet and support the automation industry
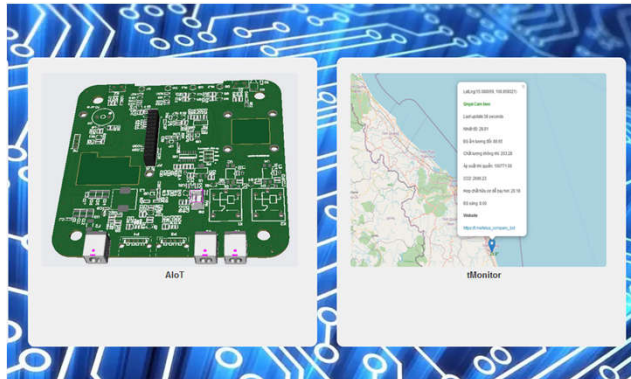
Why better ?

- 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 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#api

The visual programming language
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

1000 Users → **$5** → **$5000**

Competition