

# PLC KIT

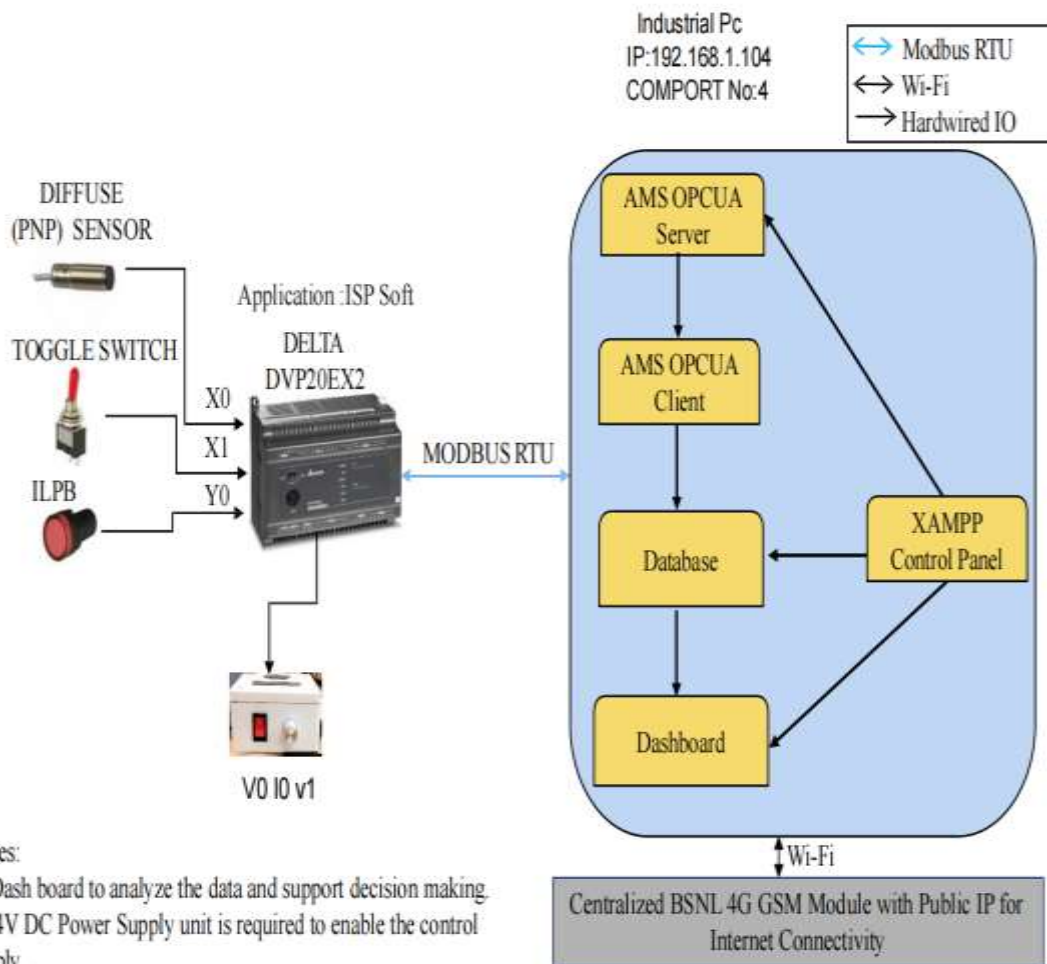


## **Introduction**

The PLC Kit is a sophisticated sensor and control system designed for Ethernet connectivity. It seamlessly integrates Simens Delta and Allen Bradley PLC Controllers, combining Digital Input (DI) and Artificial Intelligence (AI) signals derived from Push Buttons and Indicators. Data transmission is facilitated through Ethernet using the Modbus TCP Protocol, with an OPCUA Gateway serving as the interface for seamless communication.

## **Purpose**

- PLC Kit are useful for Training and Testing
- Web and mobile-based visualization of sensor data



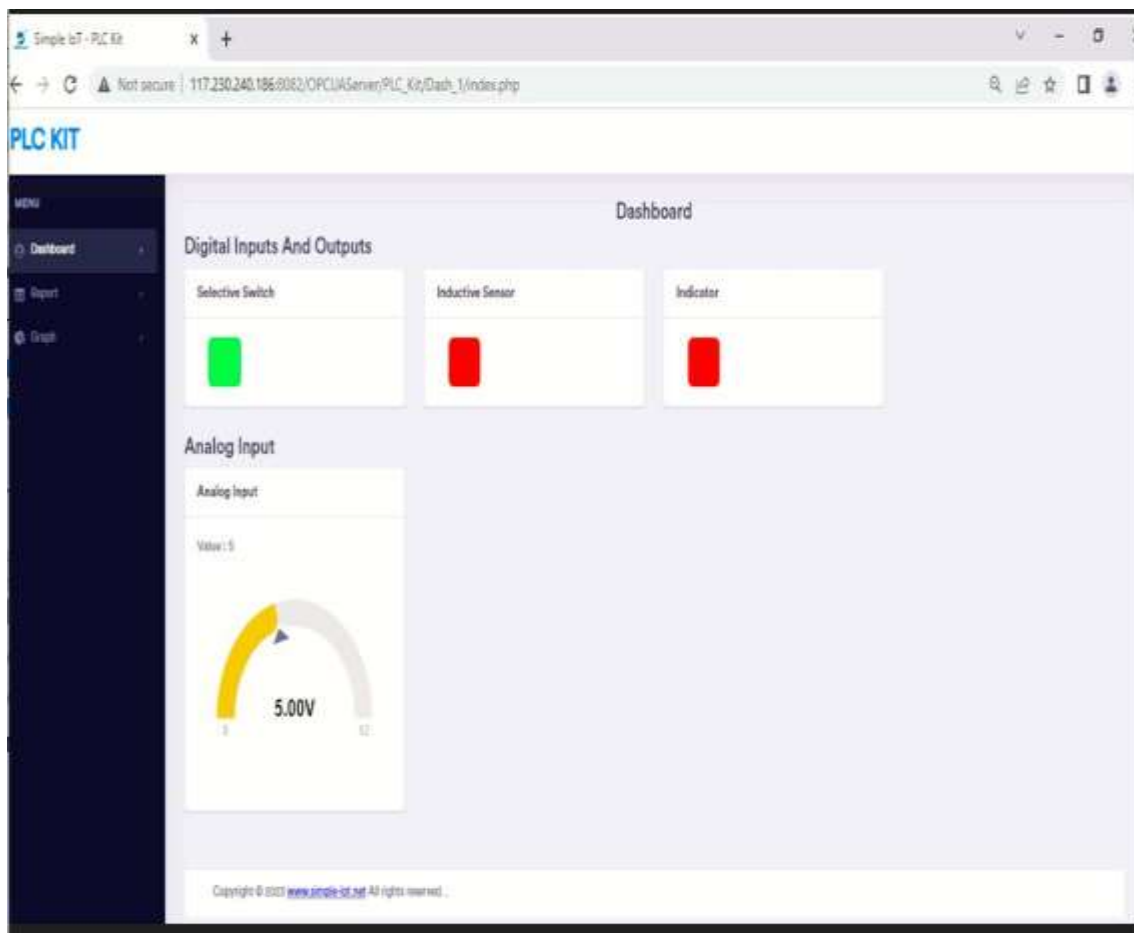
## PLC Kit - Architecture

AMS-OPCUA Server Gateway ar explored in three PLC

- Delta PLC
- Allen Bradley PLC
- Simens PLC

Notes:

- 1) Dash board to analyze the data and support decision making.
- 2) 24V DC Power Supply unit is required to enable the control supply.



## PLC Kit -Dashboard

PLC Kit provides

- Analytic Dashboard
- Predictive Dashboard
- Report
- Automatic report generation
- Alarm & Events triggered
- Automatic Sending report via Email

# Thank You

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