

# DIGITAL KIT

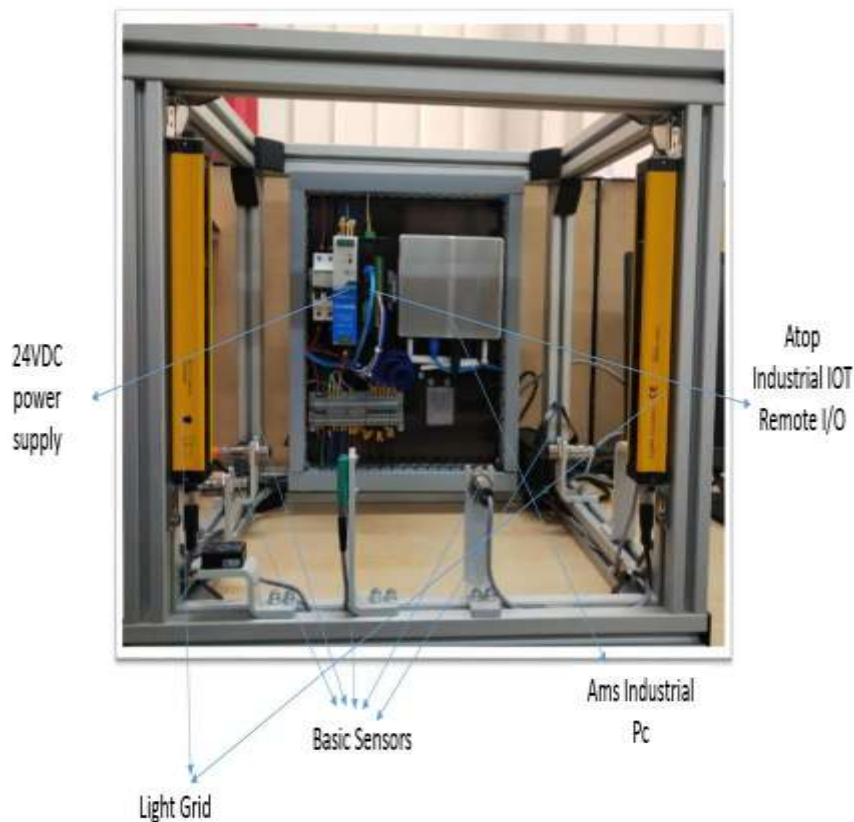
## Introduction

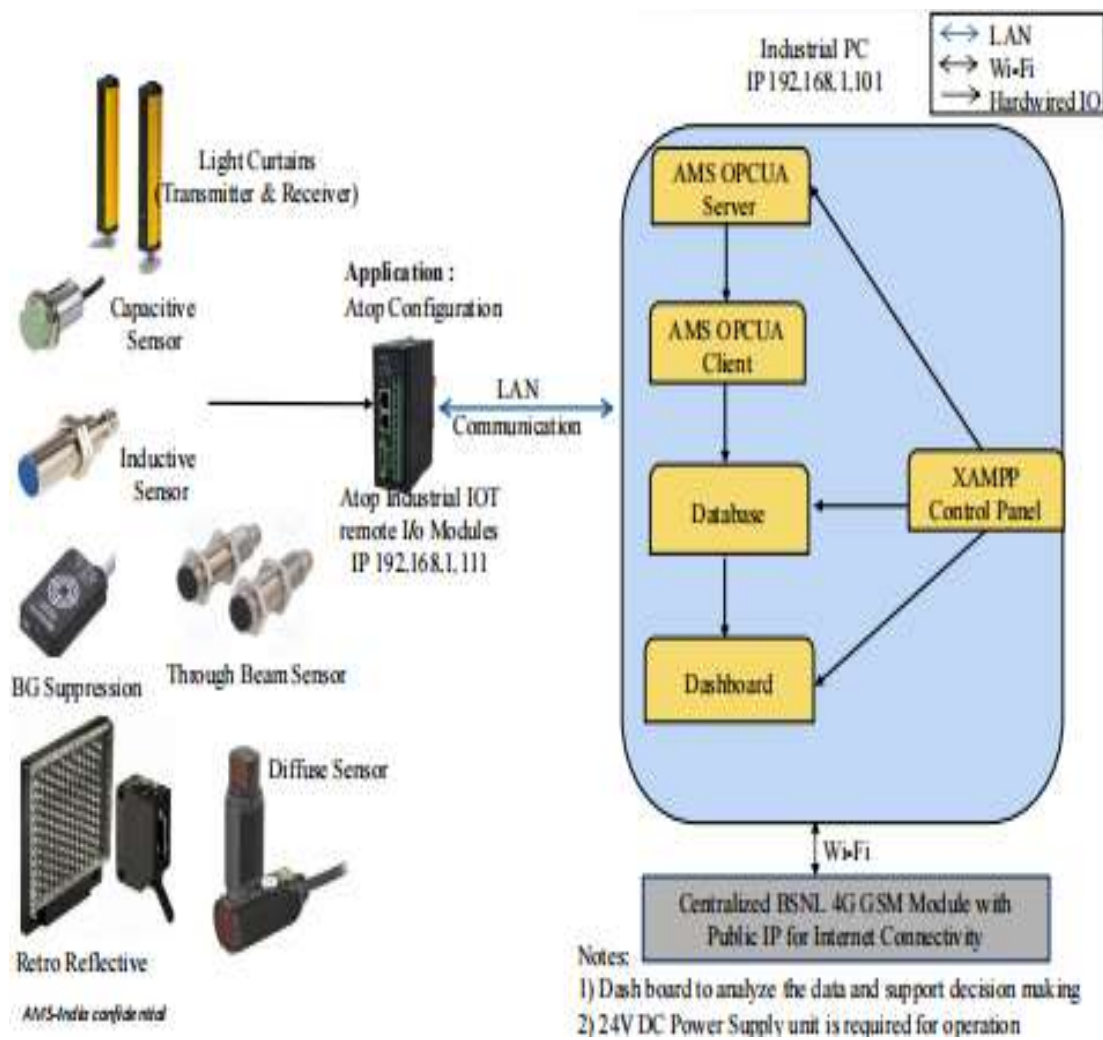
The Digital Kit is an advanced sensor and control system designed for Ethernet operation. It smoothly incorporates various sensors, such as the Inductive Sensor, Thru-Beam Sensor, Retroreflective Sensor, Diffuse Sensor, Background Suppression Sensor, Capacitive Sensor, and Light Curtain Sensor. The ODOT Control intricately links with the digital signals from these sensors.

To ensure effective data transmission, the system utilizes the ODOT Gateway and depends on the Modbus TCP Protocol, both facilitated through the Ethernet network. This architecture guarantees smooth communication and coordination among the diverse components, significantly improving the overall functionality and performance of the system.

## Purpose

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





## Digital Kit - Architecture

Digital Kit has a communication option:  
Without Gateway via OPCUA Server:

- Uses OPCUA Server for communication
- Doesn't require additional hardware for data transmission to the Ethernet

## DIGITAL KIT



MENU

- Dashboard
- Report
- Graph

Dashboard

Input

Light Curtain	Capacitive	Diffuse	BG Suppression
Green	Red	Red	Red
Retroreflective	Through Beam	Inductive	
Red	Red	Red	

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Activate Windows  
Go to Settings to activate Windows.

## Digital Kit - Architecture

Digital Kit provides

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

# Thank You

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