IOT Kits for
Center Of Excellence (COE)
AMS-India

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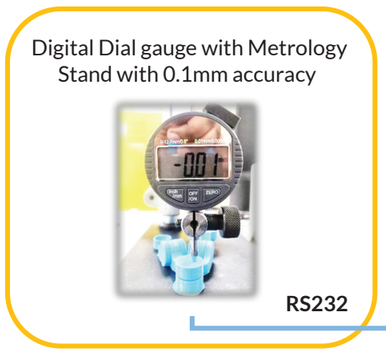
AMS-India

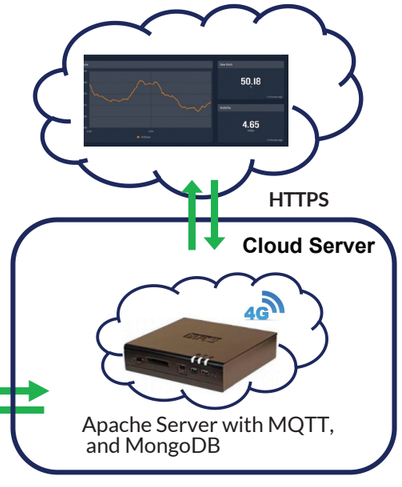
KIT - 1

IOT System for Metrological Inspection

Student will understand the concepts of IOT enablement in Metrology of Industrial components Metrology Measuring Station

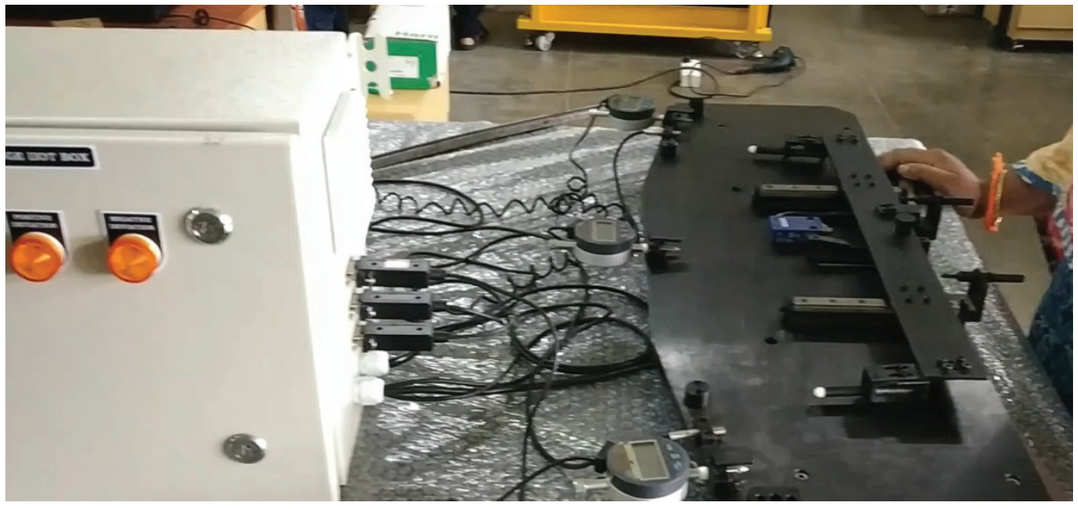


QTT/HTT



KIT - 2

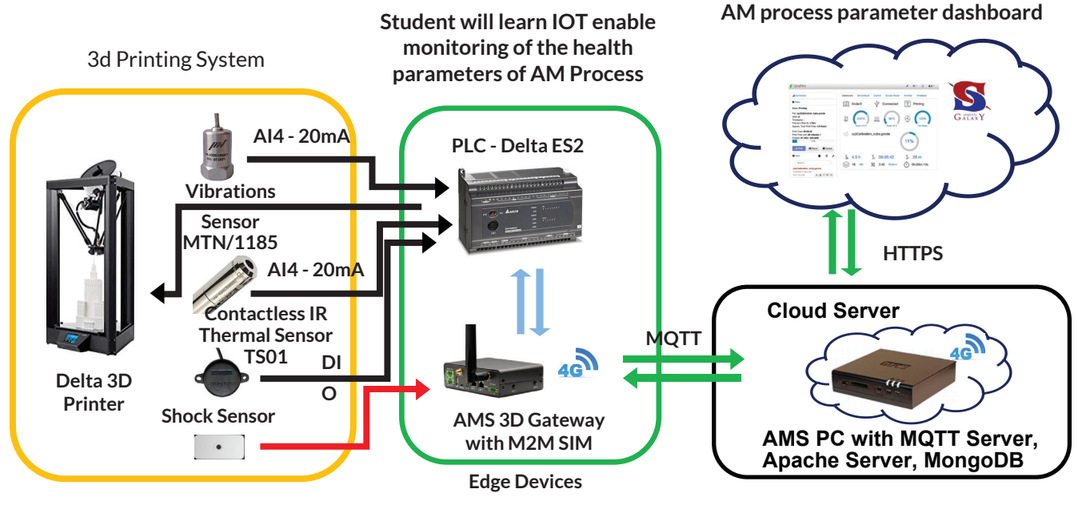
IOT System for Metrological Inspection – Industrial Demo



Source: AMS India

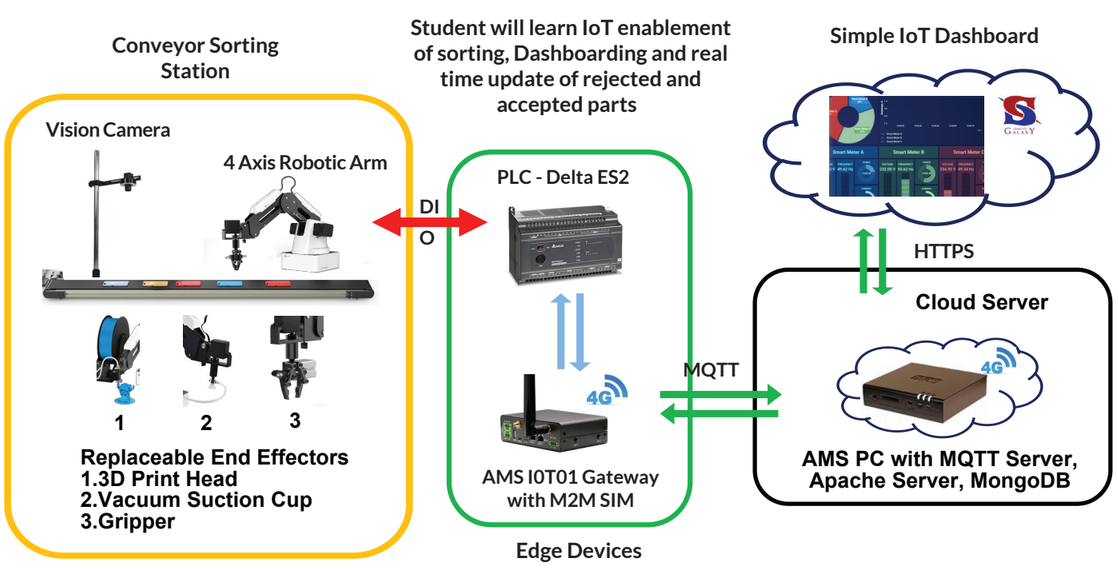
KIT - 3

IOT System for Additive Manufacturing



KIT - 4

IOT System for Process Monitoring



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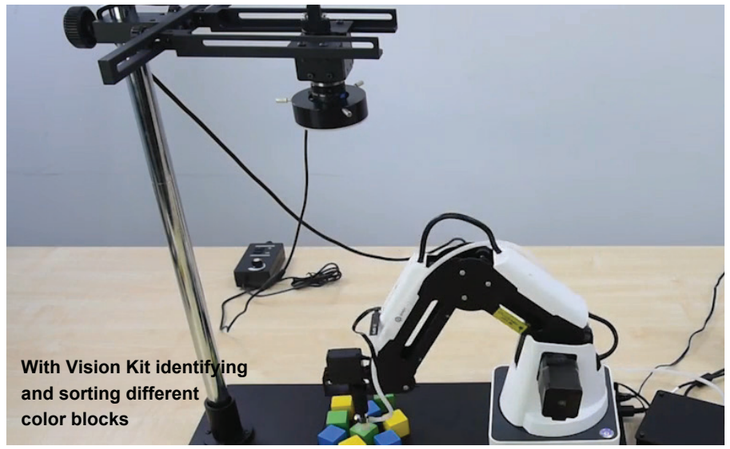
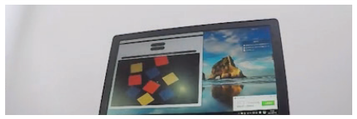
KIT - 5

IOT System for Process Monitoring

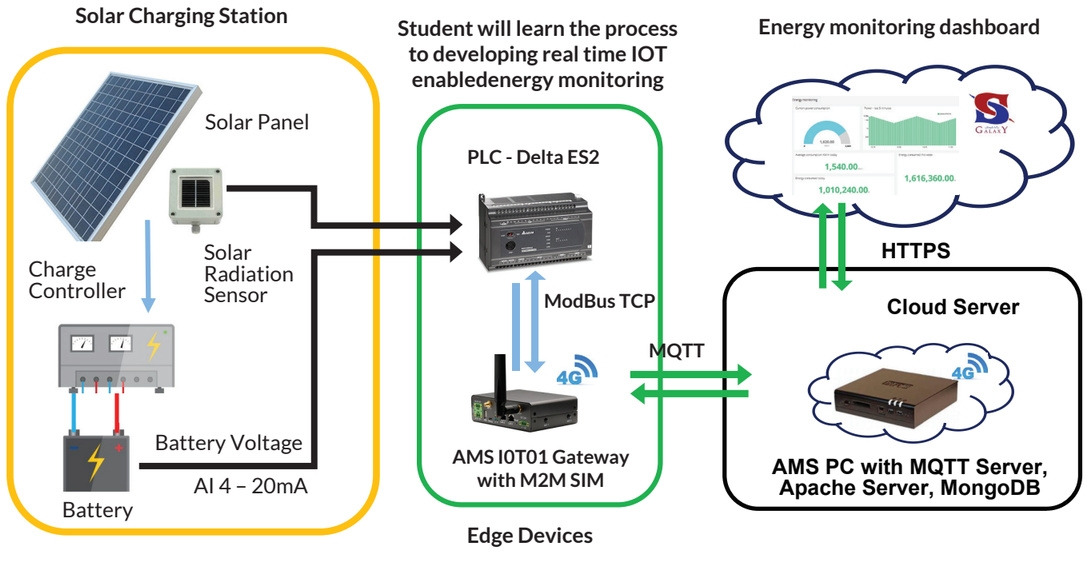




Source: AMS India

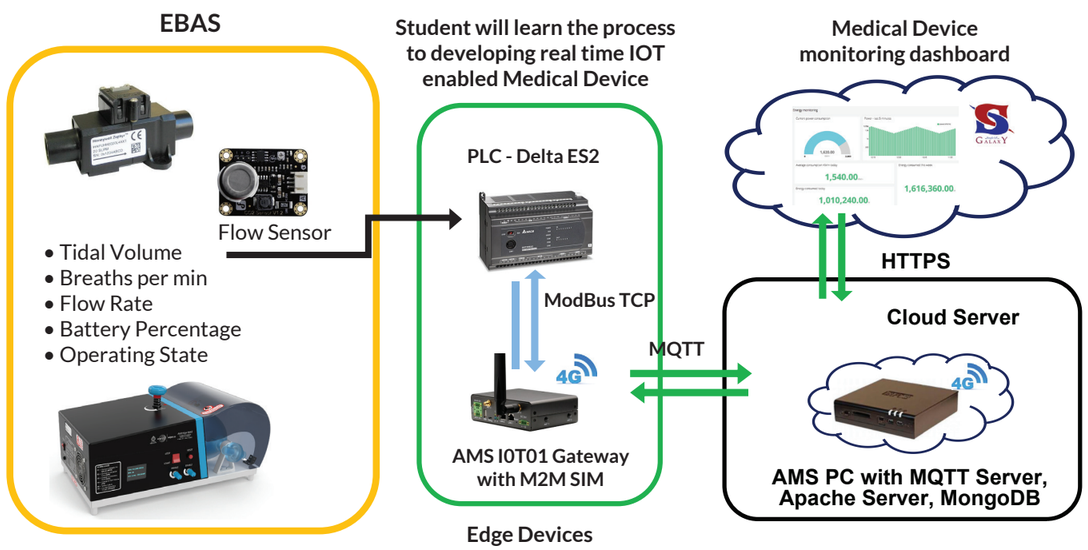
KIT - 6

IOT System for Renewable Energy Applications



KIT - 7

IOT System for EBAS Medical Device



IoT Products and Offerings

IOT Solutions

Metrology and Checking
Maintenance Management
Process Control
Productivity Monitoring

Industry Operation Technology(OT) and Internet Technology (IT) Integration Services:

Select and Connect Sensors for any application
Select and Connect and Control thro PLC's
Select and Configure Gate ways
Upload , Store and Present Data On - Premise or on Cloud
Monitoring, Alerts, Reports and Control

Products connected via IOT.

AMS -Hyrel 3D Printing Machines
Plastic Waste Management Machines

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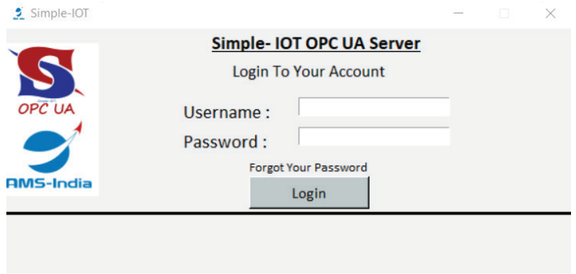
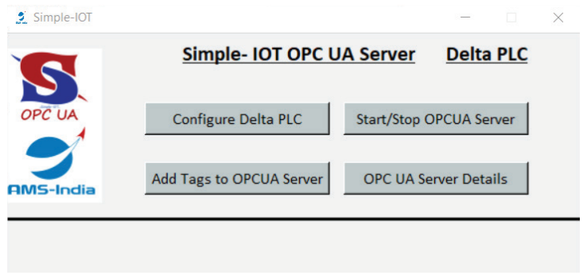
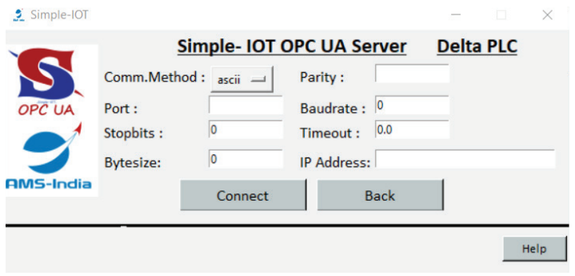
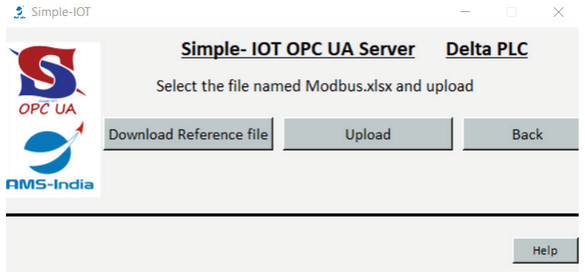
Simple - IOT OPC UA Server

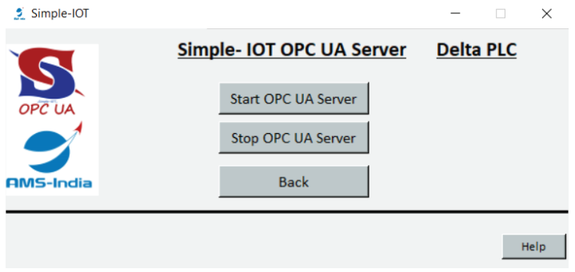
MS India has developed a SImple IOT OPC UA server for remote monitoring & Analytics report generation. This is a economical & low cost solution for simple IOT devices, which works on similar lines as Siemens Mindsphere, PTC's Wind-chill. OPC UA stands for OPC Unified Architecture. It is an extensible, platform-independent standard that enables the secure exchange of information in industrial systems.

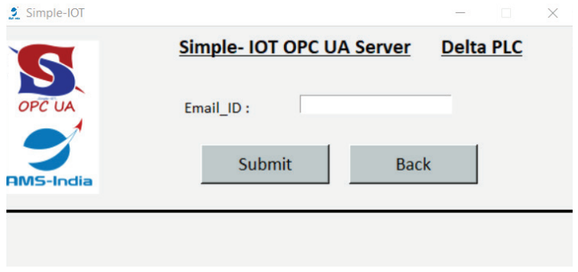


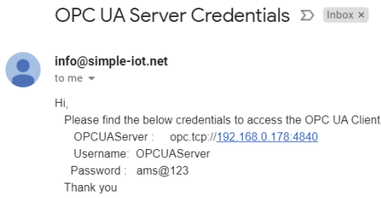


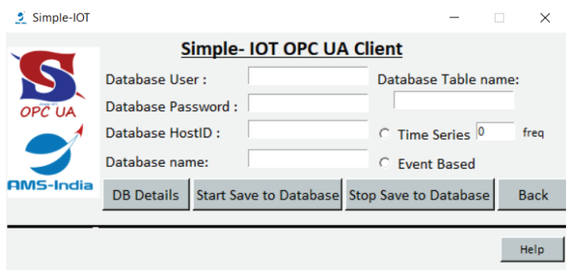












Controls and Automation

Systems Integrated

Robots

Kawasaki Robotics
COMAU ROBOTICS
KUKA
ABB ROBOTICS
FANUC Robotics

Power Sources

OBARA
BOSCH
LINCOLN ELECTRIC
Fronius

Pneumatics

FESTO
SMC

RFID

TURCK
SIEMENS

Networks

- Devicenet
- Profibus
- Interbus
- Profinet
- Ethernet IP
- CC Link
- CC Link IE

From BIW Line Building to Individual Cell Automation

Automated Technologies

Automation

Rockwell Automation
MITSUBISHI ELECTRIC
SIEMENS

IP67 Drives

Rockwell Automation
SEW EURODRIVE
SIEMENS

Safety

Rockwell Automation
pilz
SICK
BANNER
SCHMERSAL
EUCHNER
OMRON

Sensors

Rockwell Automation
TURCK
BALLUFF
PEPPERL+FUCHS
OMRON
ifm

IO & Connectivity

Rockwell Automation
PHOENIX CONTACT
TURCK
molex

AMS- India has done it all for more than 3 decades.

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