# AI.ML.WMR=

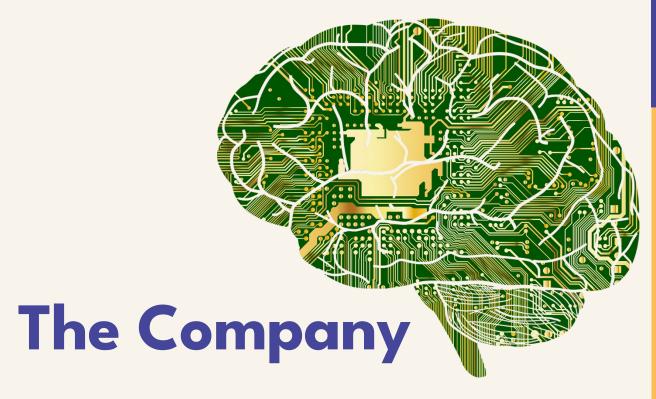


AI-Enabled Next Gen IOT Hardware

#startupindia







A DIPP Recognized Startup Cert No : DIPP83077

## **OUR VISION**

To enable digitisation of all devices by providing the next generation AI/ML enabled IOT hardware to provide end to end secure and automated solutions across industries.

## **OUR TECHNOLOGY**

Our unique AI engine enables **Artificial Intelligence at the edge** by providing real-time operations. All our devices use end to end encryption, support multiple wireless technologies and have very low energy and carbon footprint.







## **Industry 4.0 EMS**

Features

#### **WORLD'S SMALLEST 4G GATEWAY IN A BOX**

Branch Level IOTGateway comes pre-deployed in a thin client device. "Plug-n-play" operations.

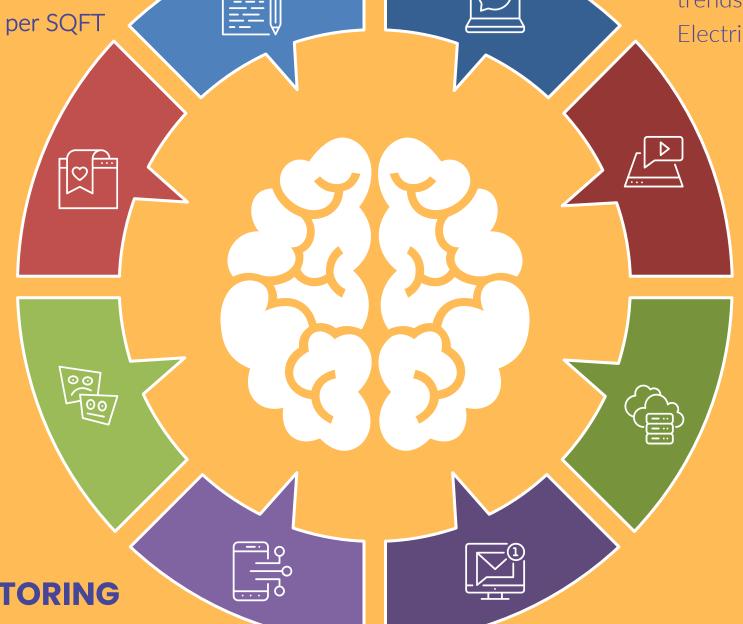
Costs \$1-2 per SQFT

#### **REAL TIME ENERGY AUDITS & ANALYTICS**

Power Quality Management, Energy Utilization & trends, Loss/leakage detection & Savings potential, Electrical Imbalances, Anomaly detection

## SENSOR / IOT INTEGRATIONS

Integrates with leading Smart Switches, Smart Energy
Meters, Temperature & Humidity Sensors, UPS, Air
Quality, Footfall Counters etc, including custom
made all in one sensors



#### FIELD STAFF MOBILE DASHBOARD

Location wise Equipment monitoring,
Alerting on a mobile enabled dashboard.



### **REMOTE MONITORING**

Monitor and alert operational parameters without physical presence



## **Our Smart EMS Suite**

Monitor Everything!

**IOTSensors** 

- Wireless thermal sensor system
- Monitors GRID temperatures, Ambient Temperature, Humidity.

**IOTGateway** 

- World's smallest ALL-IN-A-BOX IOT Platform
- Interfaces with numerous IOT sensors
- Built-in
- Advanced workflow and rule engines





## **Our Smart EMS Suite**

Monitor Everything! And More...

Energy Dashboard

Monitoring, Analysis and Alerting of electrical data from all smart energy meters!

UPS Dashboard Monitor load, input, output and battery condition\* with configureable alerts!

Flow Dashboard

Monitor flow meters, totalisers. Analyse their usage patterns.



## OUR EMS PRODUCTS



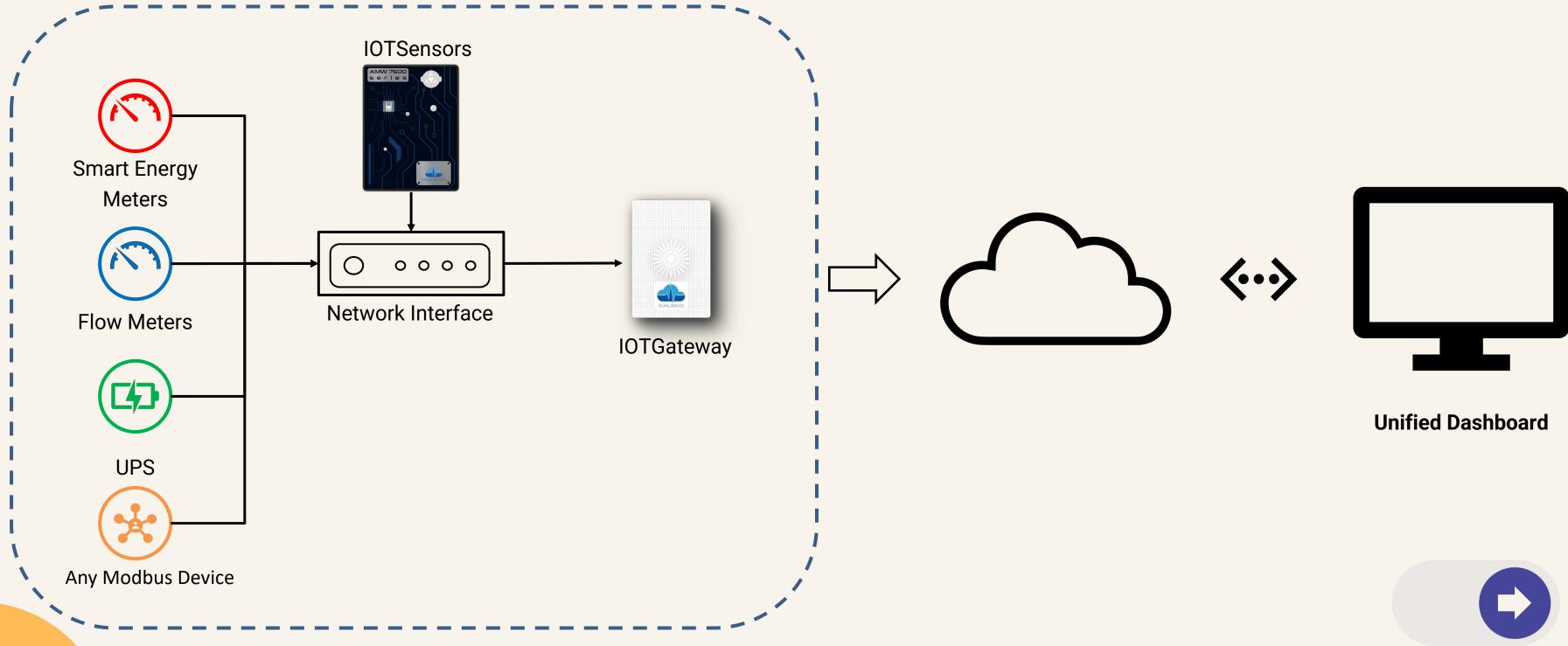
IOTSensors *AMW7600 Series* 



IOTGateway *AMW7500 Series* 



## How everything works!



1....N Locations

# The AIMLWare Advantage!

Built-in AI on the EDGE

End to end Security

(A)

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# Case Study: A leading specialty lubricants manufacturer

With real time remote monitoring, anomaly detection this customer is able to prevent damages to equipment worth crores of rupees!

## **Multi-Site Monitoring**

Using our IOTGateway this customer was able to remotely monitor all 5 of their units from a single dashboard!

## **Real Time Energy Audit**

Over 60 existing energy meters were interfaced to IOTGateway to provide real time energy audit data with real time alerts!

## **Process monitoring**

With minimal effort we were able to interface the IOTGateway to also remotely monitor their manufacturing processes

# Al-Enabled Physical Monitoring

IOTSensors were deployed to perform thermal mapping of critical sections of the factory to detect and help prevent fire mishaps.





# Case Study: Technological Transformations at grass root industries

With real time remote monitoring, anomaly detection this factory is able to identify its operational efficiency!

## Remote Monitoring and Alerting

Using our IOTGateway this customer was able to remotely monitor all aspects of their operations!

With our cloud enabled Unified dashboard, this customer can now receive alerts on their mobiles.

## Real Time Operational Efficiency Audit

All process parameters were interfaced to IOTGateway to provide real time analytics data.

- -> Input material monitoring
- -> Output material quantity monitoring
- -> Operational energy monitoring



## THANK YOU!

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