AMIS wireless concept

- An emerging Make in India company having technical expertise of 30 man years experience
- Dedicate product development on Wireless / IoT / WiOT concepts
- Introduced the following products
  - 121 Analyzers
  - IoT products
  - WioT concepts
  - WiNet

Development of 121 Wireless Bidirectional Transponder

LoRa

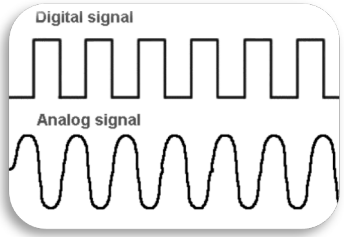
amis

LoRa

P-Net

121 Wireless System

Signal which can be transferred with 121



4-20 mA
0-10 v
24vdc digital IN and OUT
230vac IN and OUT

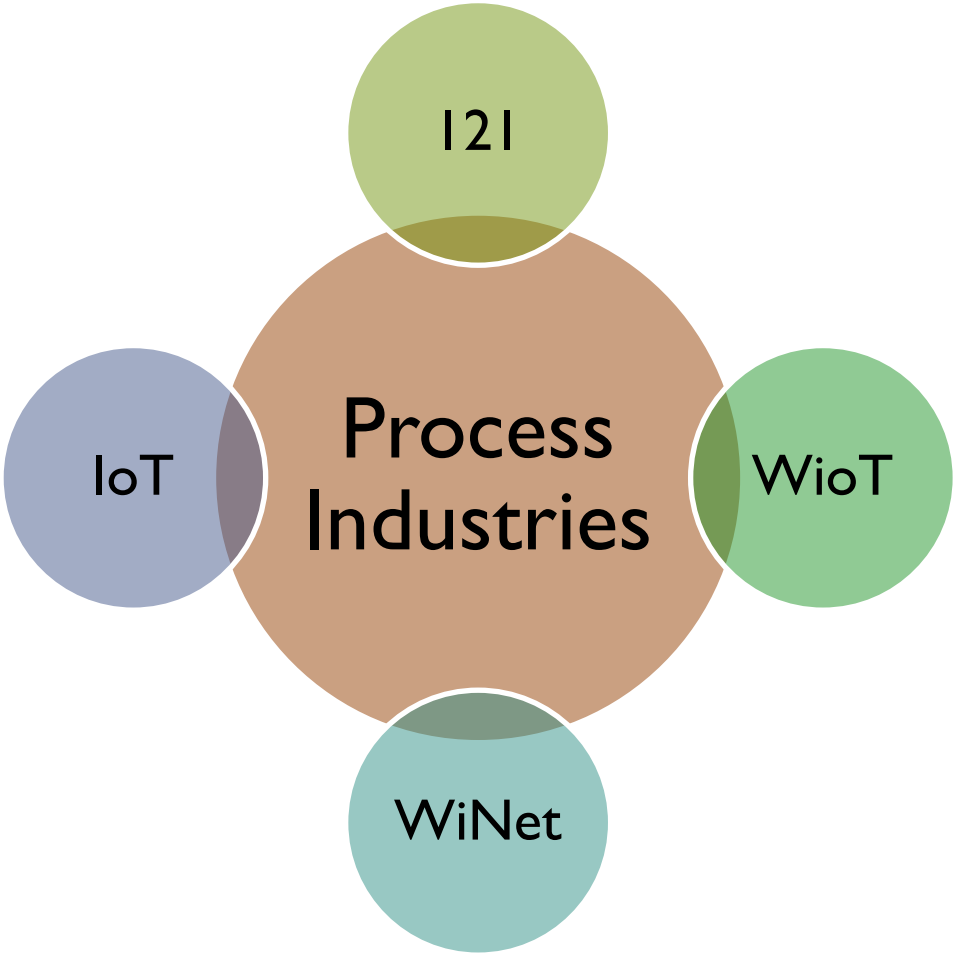
121 Wireless System

RS-485 DF1 Custom specific Produce/Consume
Modbus RTU
ASCII Request/Response RS-232

PROFIBUS PROFINET CANopen

HART COMMUNICATION PROTOCOL

Products serving all type of process industries

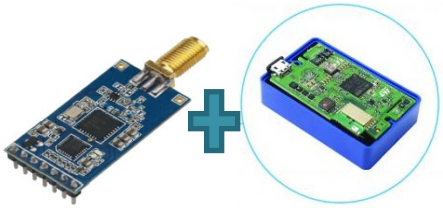


Signal transfer with no Distance Limit

121

LoRa

WiNet



Wireless Technology

Wireless combined With Mobile Technology

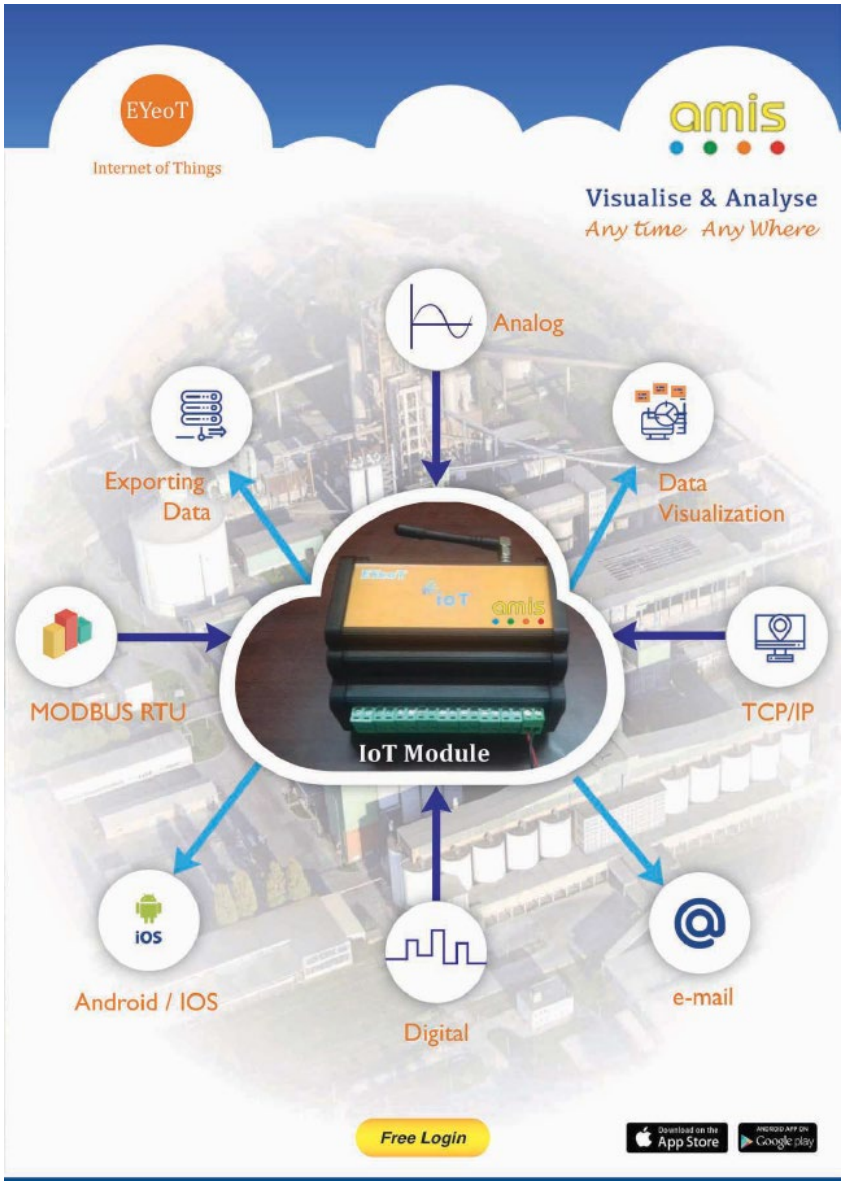
Upto 10 Km
And best proven
To any line of sight conditions

No Limit on Distance.

Features:

- All type of signal transfer such as Analog , Digital , MODBUS , TCP/IP….etc
- LoRa and WiNet can be selected based on distance data transfer.
- Bidirectional
- Customs built channel inputs.

Cloud based Data Analysis and reporting



IoT

Pride Technologies

WE DIGITLISE YOUR PROCESS

amis

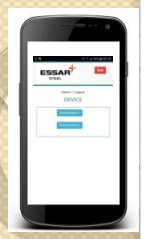
IoT

Features:

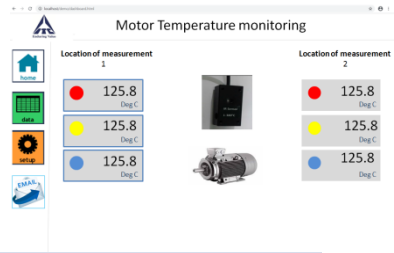
- Remote Process Monitoring
- Instant alert info's
- Statistical reporting
- Secured Data storage with fool-proof access

Technical Schematic

Option 2 – Mobile App and auto reporting



Receiver



Option 1 – Server and PC

Wireless up to 1-2 km

Location 1

Location 2

IR Sensor 1

Wired

IR Sensor 6

IR Sensor 7

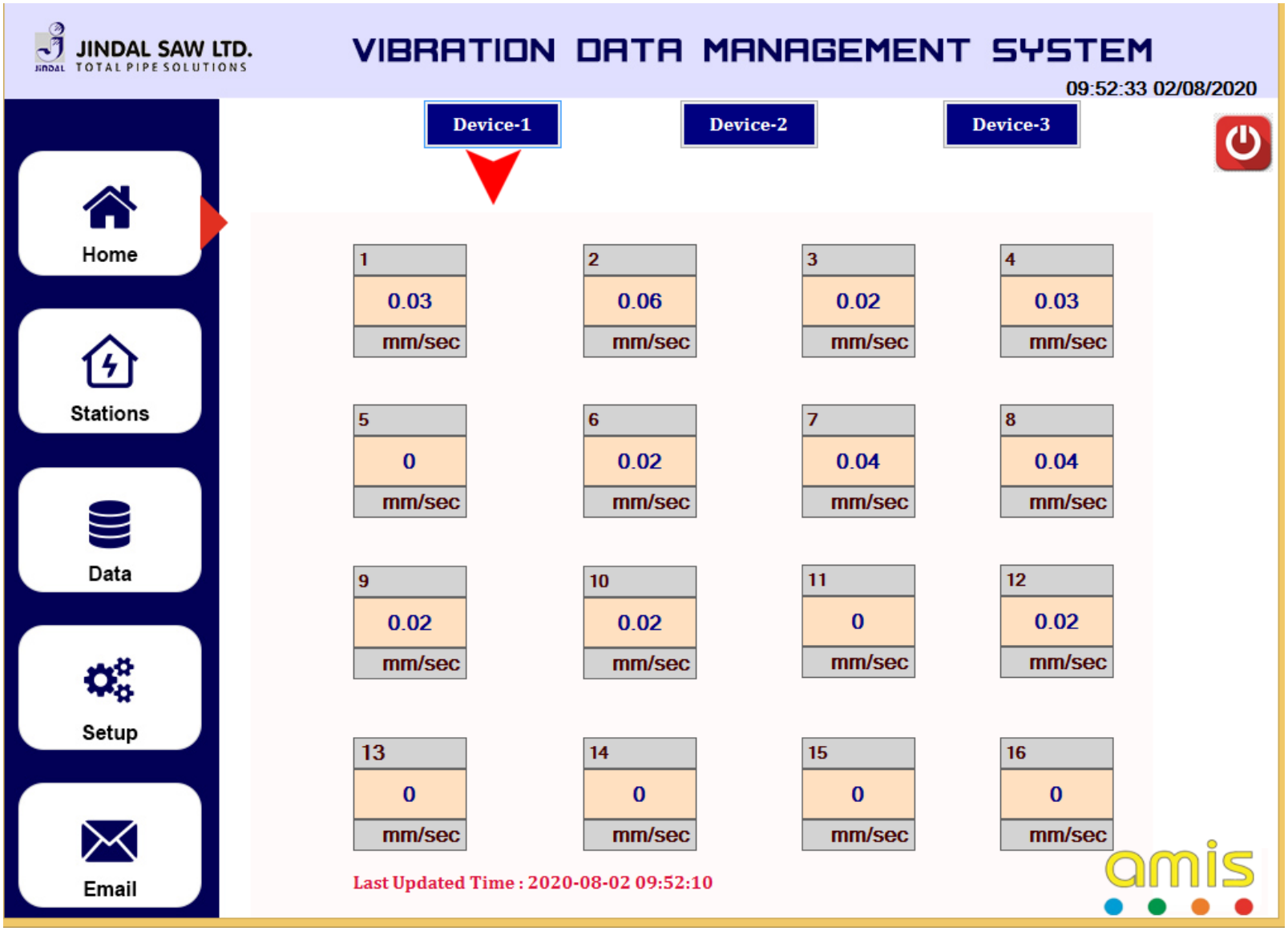
Wired

IR Sensor 13

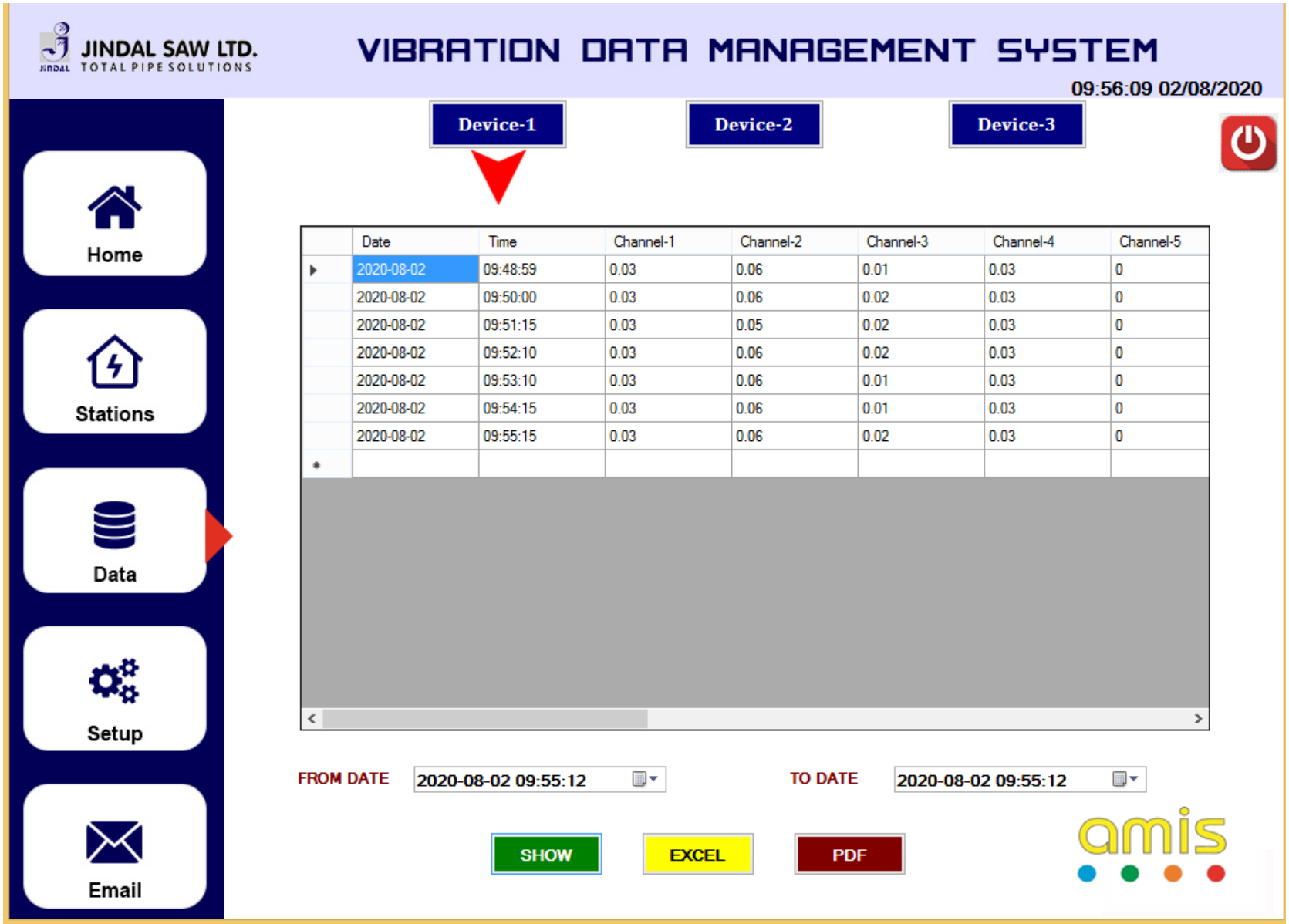
Machines 1 -8

Machines 9-16

IoT Vibration Data Management Server SW



IoT Vibration Data Management Server SW



Thank you