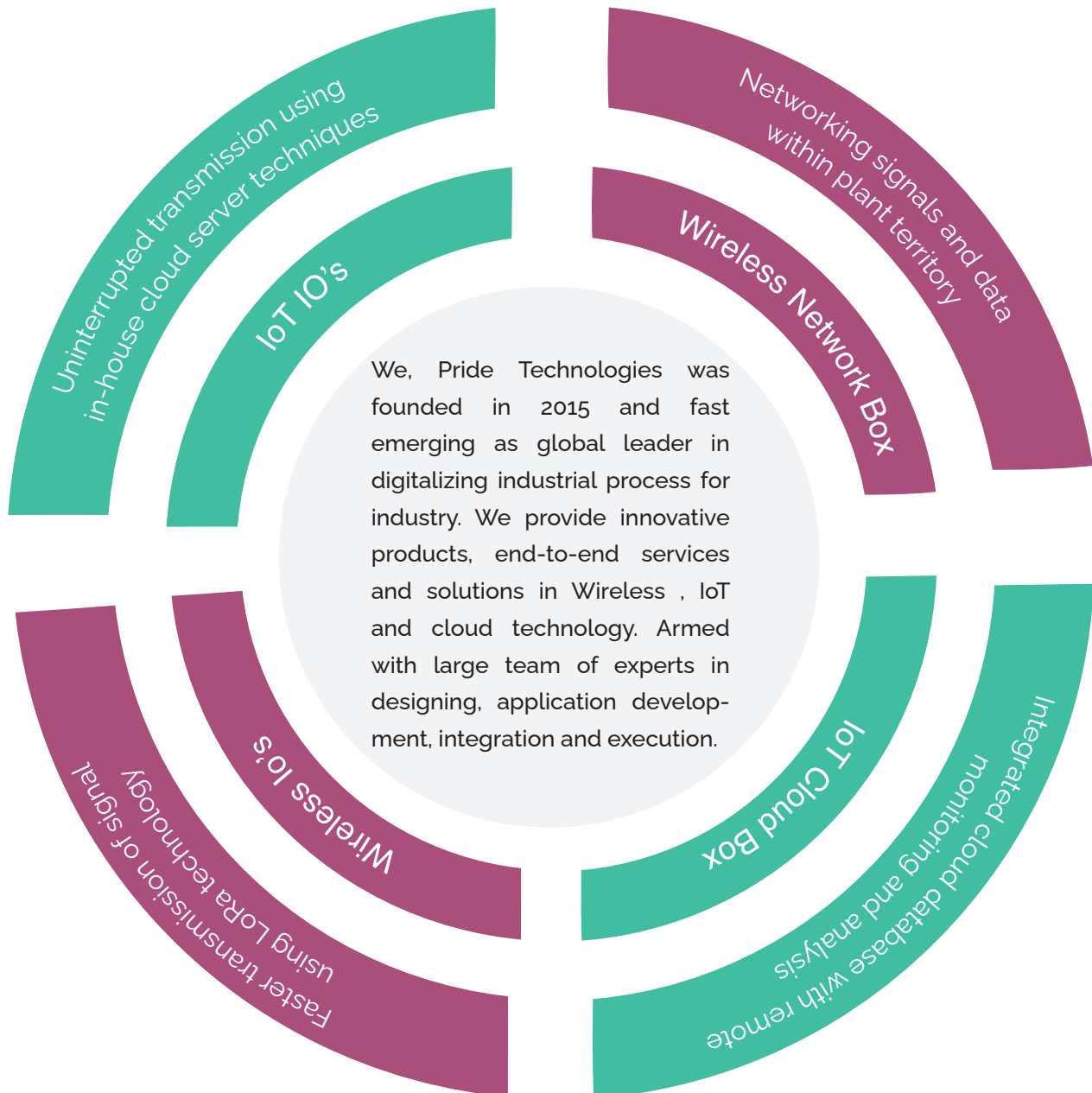




Wireless and IoT content

Wireless IoT's	2
IoT IoT's	3
Wireless Network Box	4
IoT Cloud Box	5



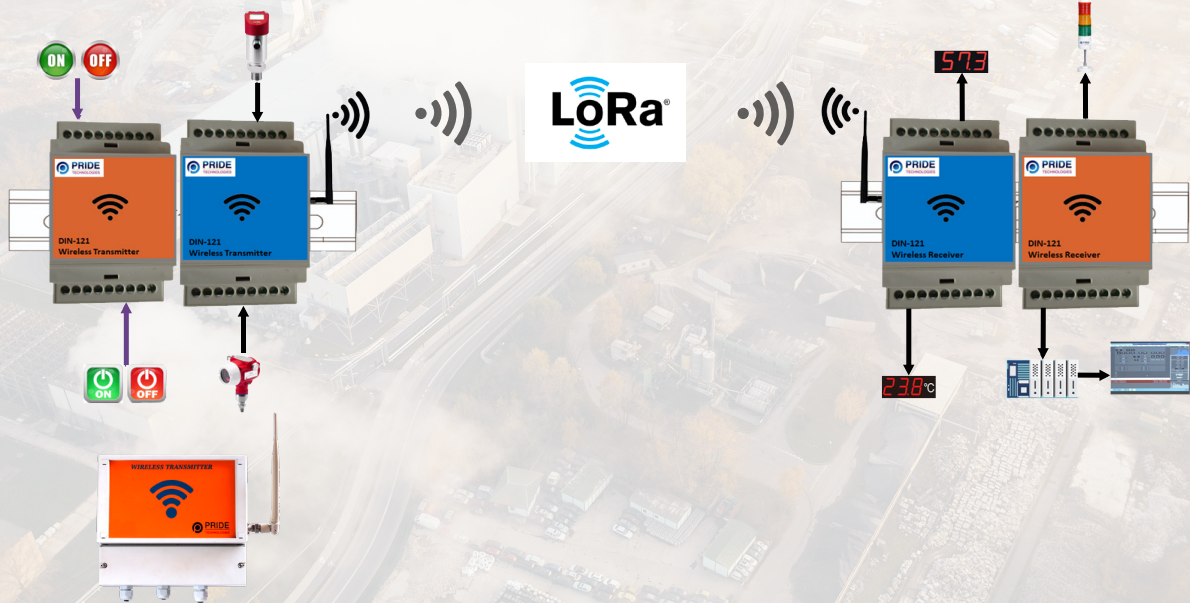
Digitalisation Improves

Manufacturing Responsiveness

Efficiency

Quality

PT 121 Unidirectional



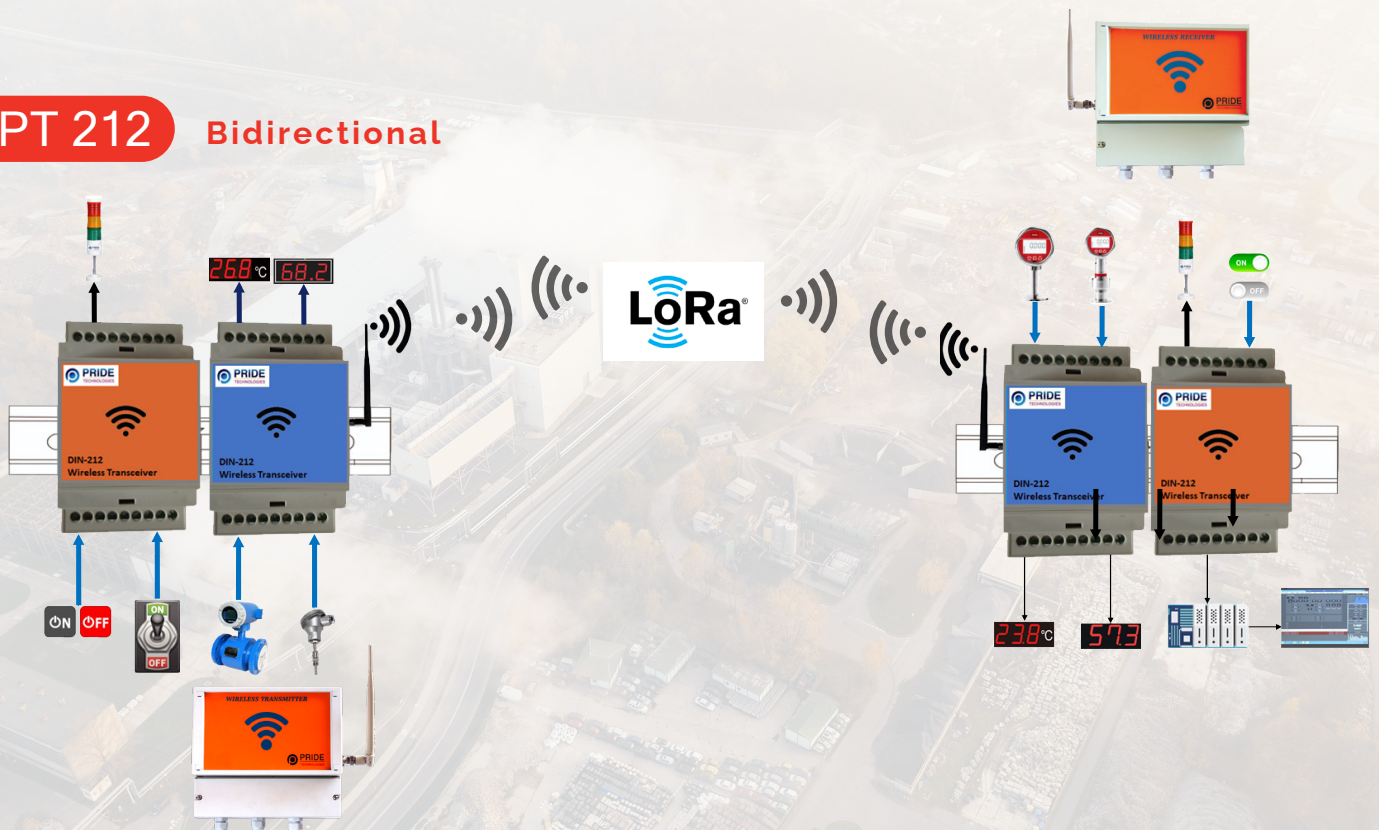
Point-to-Point Wirelss I/O's

- ❖ LoRa Technology
- ❖ Long Range 10kms and beyond
- ❖ Bi-Directional transceiver system
- ❖ Compatible to all I/O interfaces

Benefits:

- ❖ No signal wiring thus reduce cabling and maintenance cost
- ❖ Reducing inventory on spares and field work
- ❖ Making Intelligent existing devices
- ❖ Quick Access to controls

PT 212 Bidirectional



PT 121-C Unidirectional



Point-to-Point IOT I/O's

- ❖ GSM Technology
- ❖ Unlimited distance coverage
- ❖ Compatible to all IO interfaces

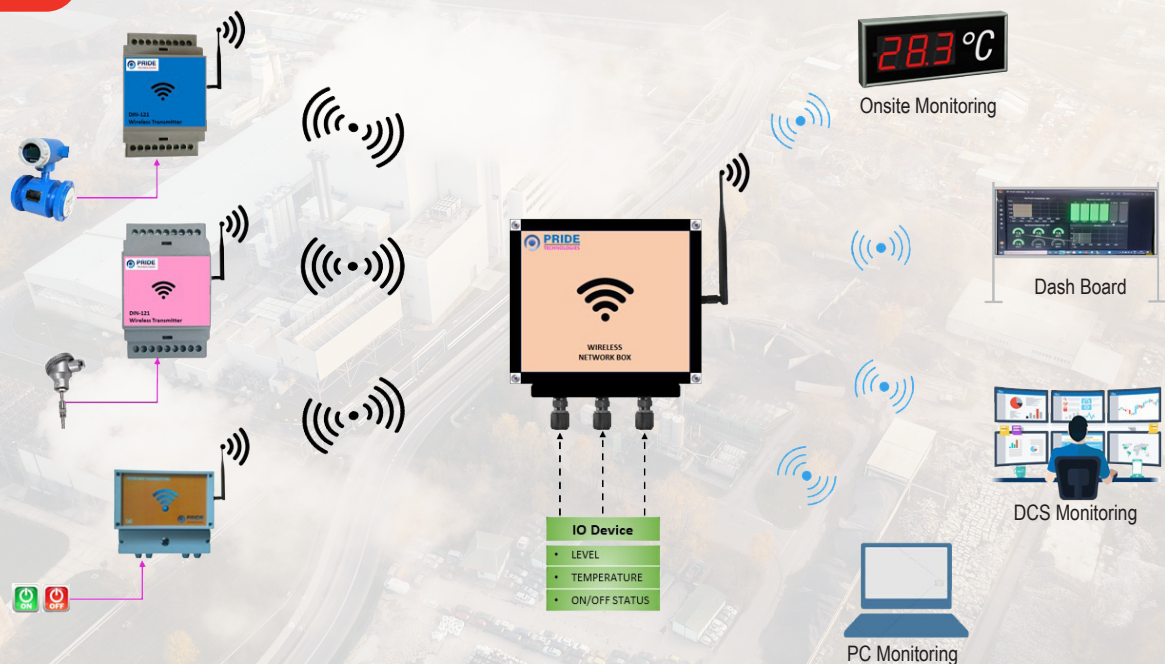
Benefits:

- ❖ Making Intelligent existing devices
- ❖ No signal wiring thus reduce cabling and maintenance cost
- ❖ Access anywhere any time
- ❖ Android and iOS mobile compatibility

PT 212-C Bidirectional



PT9000



Point-to-Point IOT I/O's

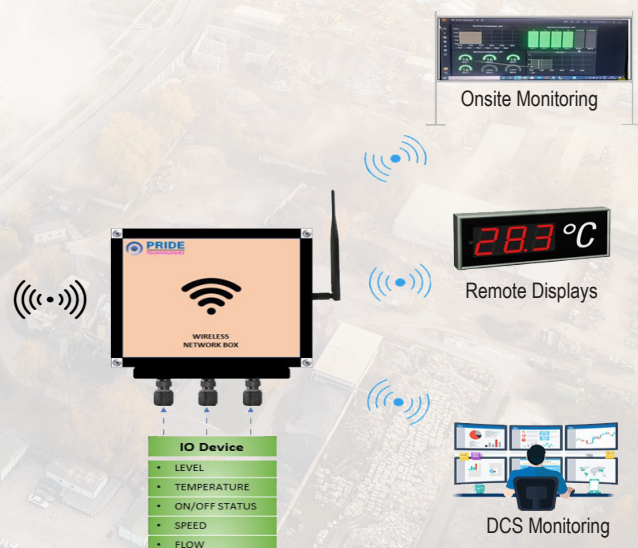
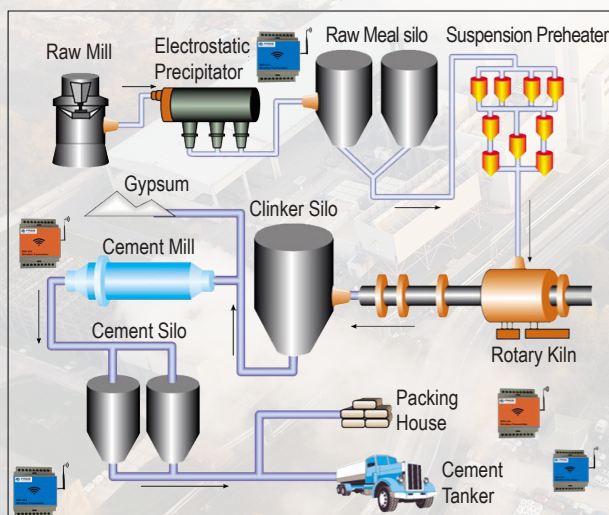
- ❖ GSM Technology
- ❖ Unlimited distance coverage
- ❖ Compatible to all IO interfaces

Benefits:

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- ❖ No signal wiring thus reduce cabling and maintenance cost
- ❖ Access anywhere any time
- ❖ Android and iOS mobile compatibility

Typical technical Schematic

Cement Manufacturing Process





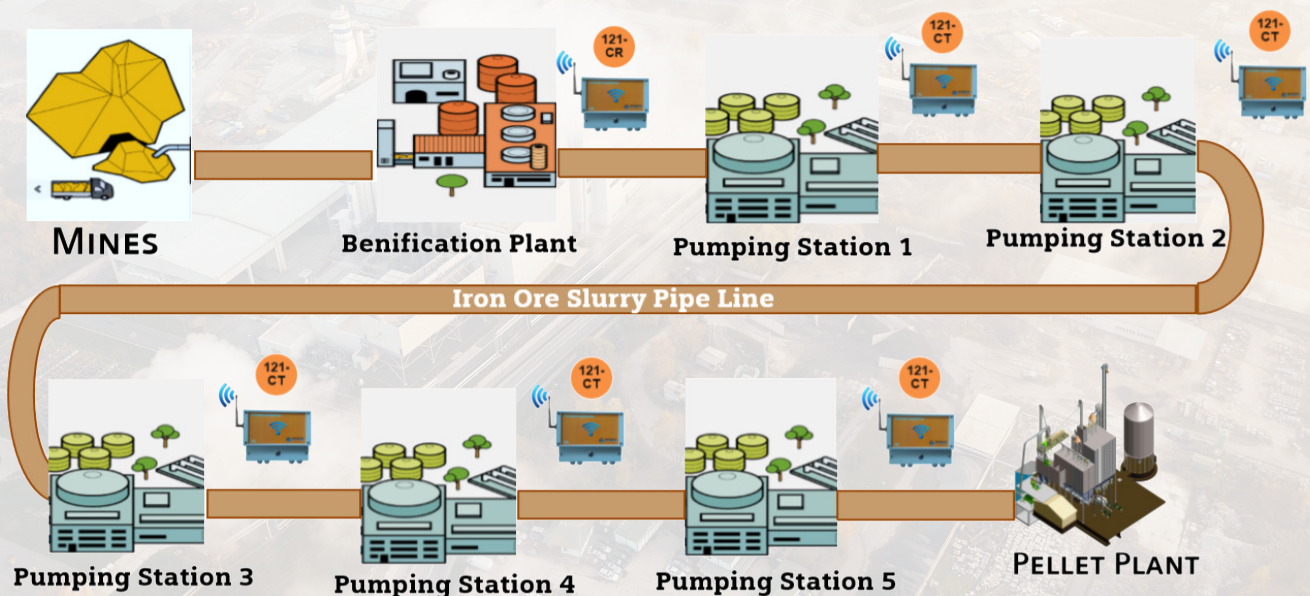
Point-to-Point IOT I/O's

- ❖ GSM Technology
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Benefits:

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- ❖ Access anywhere any time
- ❖ Android and iOS mobile compatibility

Typical technical Schematic



WIRELESS IO TRANSMISSION

Technical Specification	 	 	 	 
RF Frequency : 856-868 MHz	●	●		
Mobile Network : 4G/5G			●	●
No of Channel : 1,2,4,8,16	●	●	●	●
Analog Input/Output : 0-20mA or 4-20mA	●	●	●	●
Digital Input/Output : 24 dc or NO/NC	●	●	●	●
Distance transmission with Clear Line of sight upto 5km	●	●		
No limit on Distance Transmission ∞			●	●
Mesh and Star Network of devices	●	●	●	●
Operating Voltage : 230v ac / 24 vdc	●	●	●	●
Default Transmission speed With clear line of Sight – 1 sec	●	●		
Operating Temperature : 0-60 Deg C	●	●		
Humidity : 0-90% , Non condensing	●	●		
Enclosure : Polycarbonate	●	●	●	●
Enclosure : DIN rail	●	●		
Protection : IP65	●	●	●	●
Rittal Panel : Option in case of more channels	●	●	●	●

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Branch offices

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