



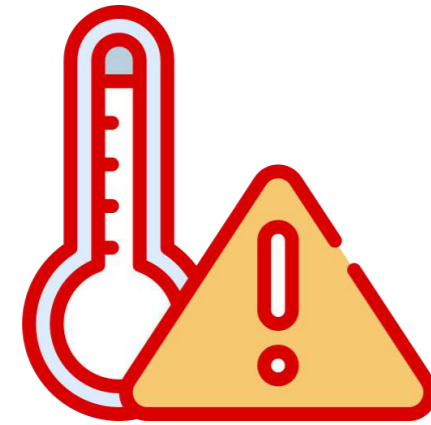
Safecare
TECHNOLOGY

Temperature Monitoring System



FOR PHARMACY | DRUG STORES | MEDICINE SUPPLY

Problems With Manual Temperature Monitoring



NO TEMPERATURE ALERT



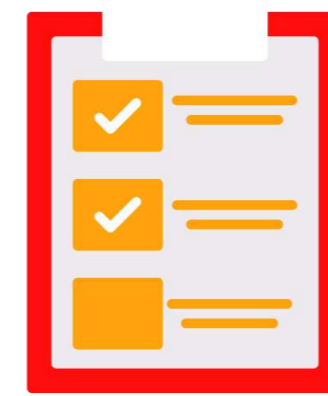
NO DATA RECORD



BUDGET CONSCIOUS



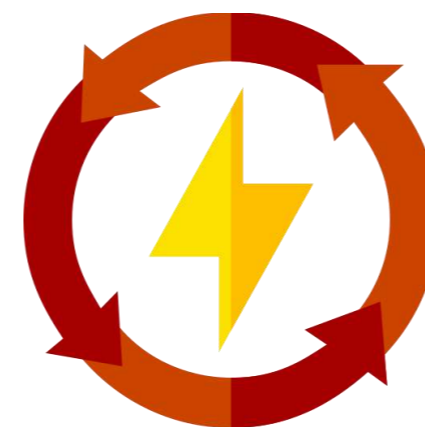
MANAGE RISK



DRIVE COMPLIANCE



**EASY TO INSTALL &
QUICK TO SCALE**



INCREASED EFFICIENCY & LABOUR



AUTOMATIC MONITORING

Gives you the control to make informed decisions faster, to grow your business and stay protected.



PROACTIVE QUALITY CONTROL

Save time, labour, and improve compliance, allowing you to deliver better experiences for your customers.

- Configurable audio/SMS/email warnings & alarms.
- Permission based user access with full audit trails.
- PDF Report generator.
- Simple installation and expansion.
- Long range battery powered (3 years+) sensors.

- Extensive range of sensors.
- Reduce operational expenditure
- Easy installation and simple to deploy
- Low maintenance costs
- Maintain an optimal environment





LIVE DASHBOARD



LOW POWER SENSORS



MONITOR TEMPERATURE AND HUMIDITY



SENSORS ARE HOUSED IN AN IP67 WEATHERPROOF ENCLOSURE



CONNECT 100+ SENSORS TO A SINGLE GATEWAY

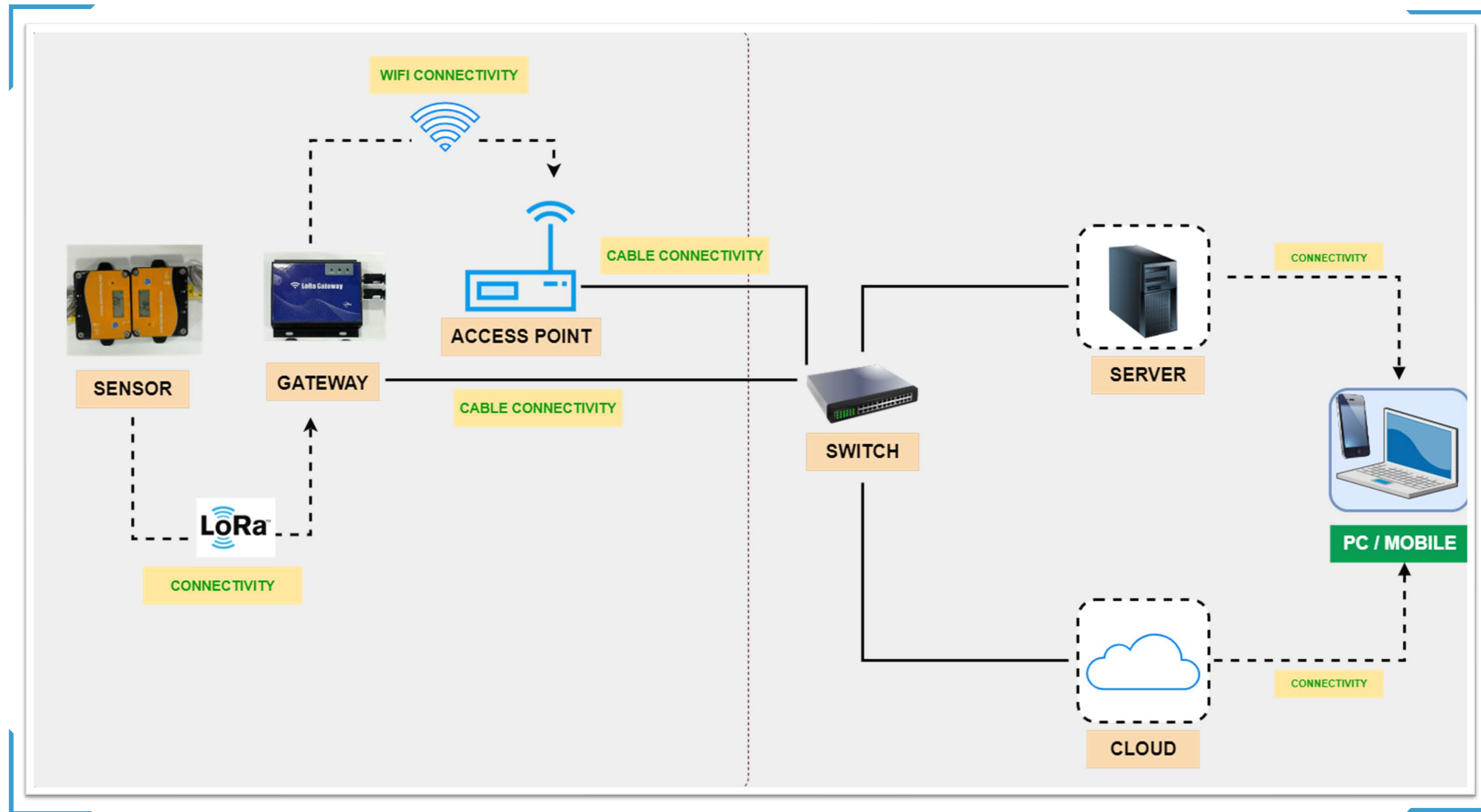


GATEWAYS ALLOW FOR 10X THE RANGE OF Wi-Fi AND BLE SENSORS

Why choose us?

FEATURES.

A cloud-based **Temperature Sensing System**, accessible through our web portal from anywhere in the world to create custom monitoring conditions and alerts on the fly, all on your phone, tablet or desktop



Lora Sensor Specification

Lora Temperature and Humidity Sensors



Tag-08 & Tag-08B

Battery Shelf Life	1 year (in 5 mins interval)
Dimension	406mm*57mm*33mm
Weight	126g
Communication Mode	LoRa
Detecting Temperature Range	- 40°C ~ +125 °C
Accuracy of Temperature and Humidity	Temp:±0.3°C(0~ 60°C), ±0.3~07°C (other) Humidity: ±3% (20% ~ 80%), ±4%(other)
Operating Humidity Range	0%RH ~ 85%RH (non-condensed)
Data Storage Capacity	50000
RF Frequency	433MHz (optional)
Transmit Interval	1 min ~ 1440 mins (user definable) default 5mins
Alarm Delay	User configurable (0-254 mins)
Inner Lithium Battery	Built In 3.6V/4000mAh (non-rechargeable)

Lora Sensor Specification

Lora Temperature and Humidity Sensors



Tag-08L & Tag-09

	Tag-08L	Tag-09
Battery Shelf Life	1 year (in 5 mins interval)	1 year (in 5 mins interval)
Dimension	406mm*57mm*33mm	109mm*69mm*40mm
Weight	170g	160g
Communication Mode	LoRa	LoRa
Detecting Temperature Range	- 100°C ~ +70°C	Type K: 0°C ~ 1000°C
Accuracy of Temperature and Humidity	Temp:±0.5°C(-20°C~ 40°C), ±1~°C (other)	Type K: 0°C ~333°C, ±2.5°C 333°C ~1000°C ±0.75%
Operating Humidity Range		0%RH ~ 85%RH (non-condensed)
Data Storage Capacity	50000	50000
RF Frequency	433MHz (optional)	433MHz (optional)
Transmit Interval	1 min ~ 1440 mins (user definable) default 5mins	1 min ~ 1440 mins (user definable) default 5mins
Alarm Delay	User configurable (0-254 mins)	User configurable (0-254 mins)
Inner Lithium Battery	Built In 3.6V/4000mAh (non-rechargeable)	Built In 3.6V/4000mAh (non-rechargeable)

Lora Gateway (Wi-Fi/Ethernet)



RD07_WIFI

Lora Gateway Specifications

Dimension	112mm*105mm*27mm (4.41in*4.13in*1.06in)
N.W	271g
Inner Lithium Battery	Built-in 3.7V/850mAh (rechargeable)
Power Supply	DC12V
Exterior RF Antenna	Receive RF signal better
Maximum Range in Open Area	5 KM
Operating Temperature Condition	- 20°C — +60°C
Operating Humidity Condition	5%RH — 95%RH (non-condensing)
RF Frequency	433MHz
Measure range of temp and humidity sensor	Temp -40°C — +125°C, Humidity 5%RH — 95%RH
Interface	LAN/WIFI
Transmit Interval	10sec — 6000sec (user definable)

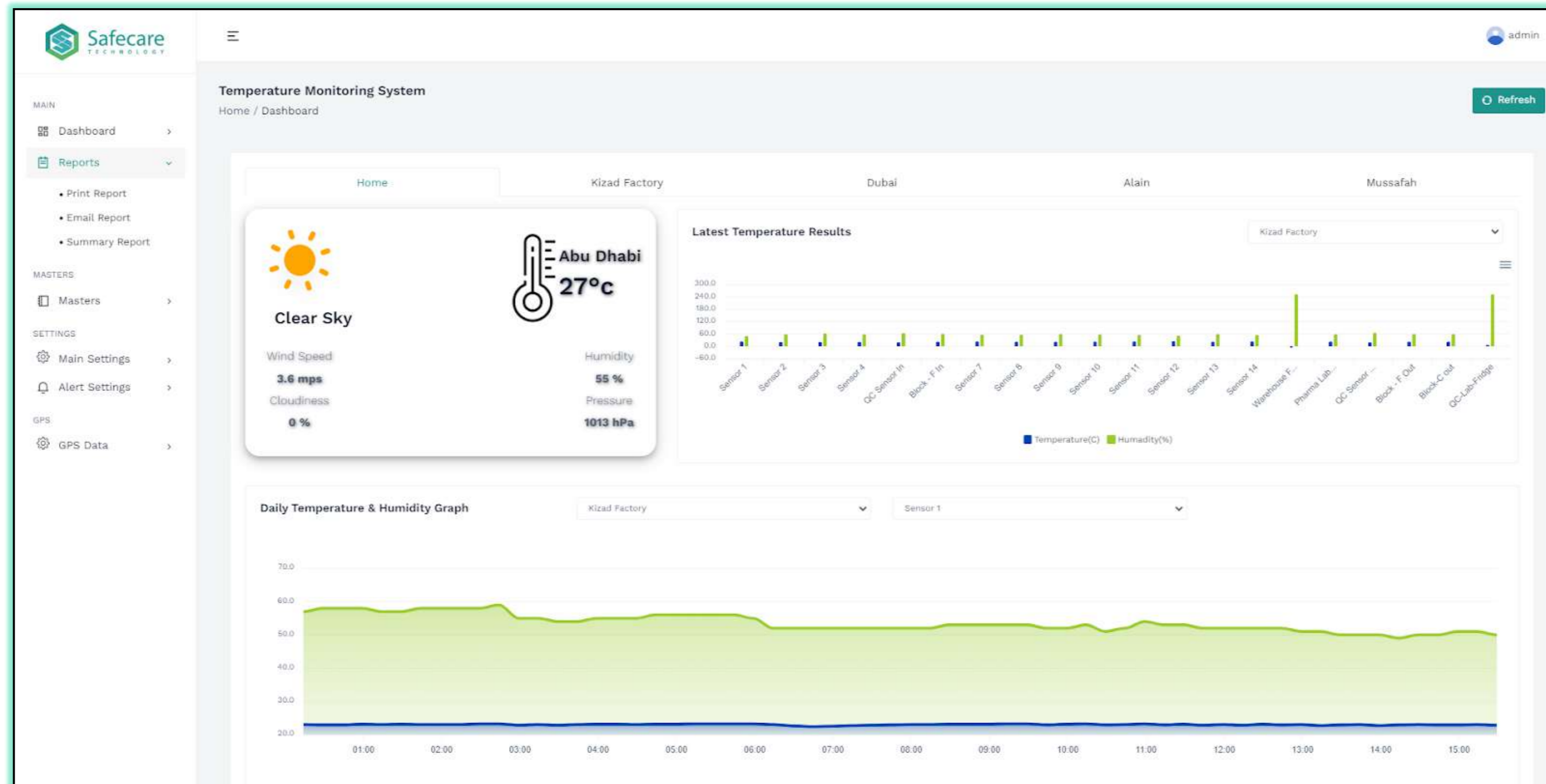
System Workflow



Powerful browser-based user interface

Our intuitive browser-based user interface gives users a quick, simple, dynamic way to access and drill-down into data from any sensor that is being monitored. Meaning alarm notifications can be resolved quickly, saving products, time and money.

It is accessible from any web-browser enabled device with connectivity to your network. Systems are fully scalable to meet the demands of monitoring multiple devices across your business.



Powerful browser-based user interface

TEMPERATURE MONITORING SYSTEM

The dashboard displays a grid of 12 monitoring cards for different locations. Each card shows temperature (T) and humidity (H) data, along with a timestamp and a voltage reading (3.63V or 3.62V).

Location	Block/Area	T (°C)	H (%)	Timestamp	Voltage
Home	Block - H	20.60° C	60.00 %	16/12/2022-15:51	3.63V
	Block - F	21.90° C	61.00 %	16/12/2022-15:37	3.63V
Kizad Factory	Microbiology/QC LAB	19.30° C	63.00 %	16/12/2022-15:52	3.63V
	Block - D	20.20° C	62.00 %	16/12/2022-15:44	3.62V
Dubai	Packing Area	21.30° C	59.00 %	16/12/2022-15:39	3.63V
	Warehouse - C	23.10° C	56.00 %	16/12/2022-15:50	3.63V
Alain	Block - A	23.00° C	51.00 %	16/12/2022-15:44	3.63V
	Warehouse - A	21.90° C	60.00 %	16/12/2022-15:49	3.62V
Mussafah	Block - G	22.80° C	57.00 %	16/12/2022-15:40	3.62V
	Block - C	20.30° C	55.00 %	16/12/2022-15:45	3.62V
Warehouse - B	Warehouse - B	22.40° C	57.00 %	16/12/2022-15:45	3.63V
	Warehouse - D	24.40° C	52.00 %	16/12/2022-15:53	3.64V

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Monitoring is all that matters

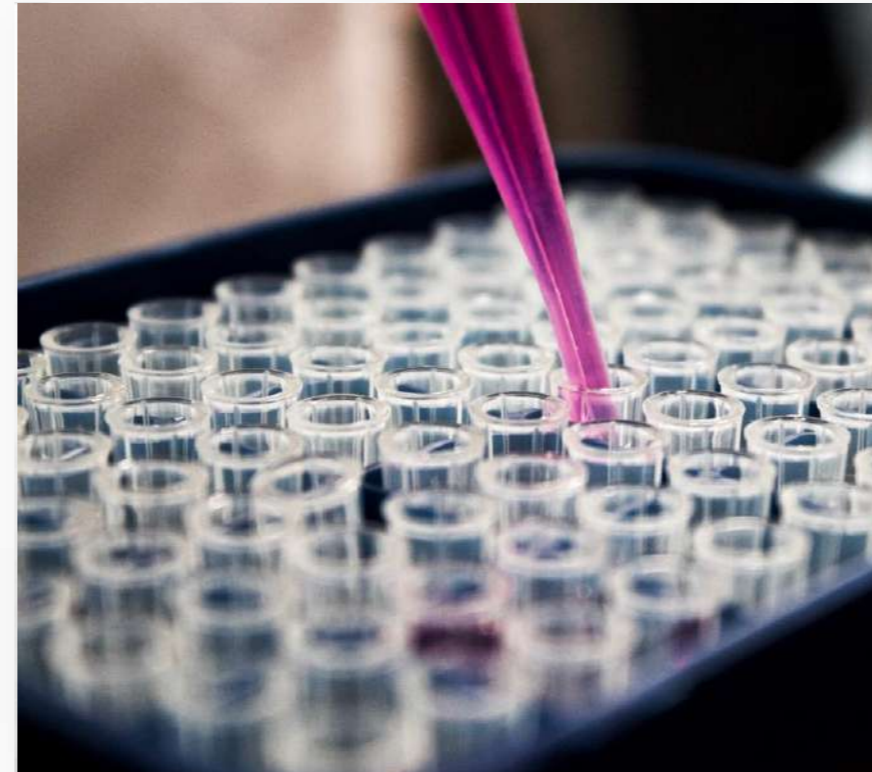
USE CASES OF OUR SYSTEM



Healthcare

We offer independent and automated monitoring solutions that meet quality requirements & temperature monitoring systems for healthcare. Application of our system spread across the following sectors:

- Blood banks
- Health products logistics
- Laboratories and hospitals



Pharma & Cosmetics

The pharmaceutical industry is required to meet Good Manufacturing and Distribution Practices for temperature monitoring during different logistical stages, as well as apply FDA requirements. We focus in areas such as:

- Pharmacies
- Clinical trials
- Production areas
- Warehouses



Transport & Logistic

We offer a wide range of cold chain logistics monitoring solutions for temperature-sensitive products during transportation or distribution phases. From any simple monitoring data loggers to the automated iot temperature monitoring system with geolocation, we provide solutions suited to your needs and requirements.

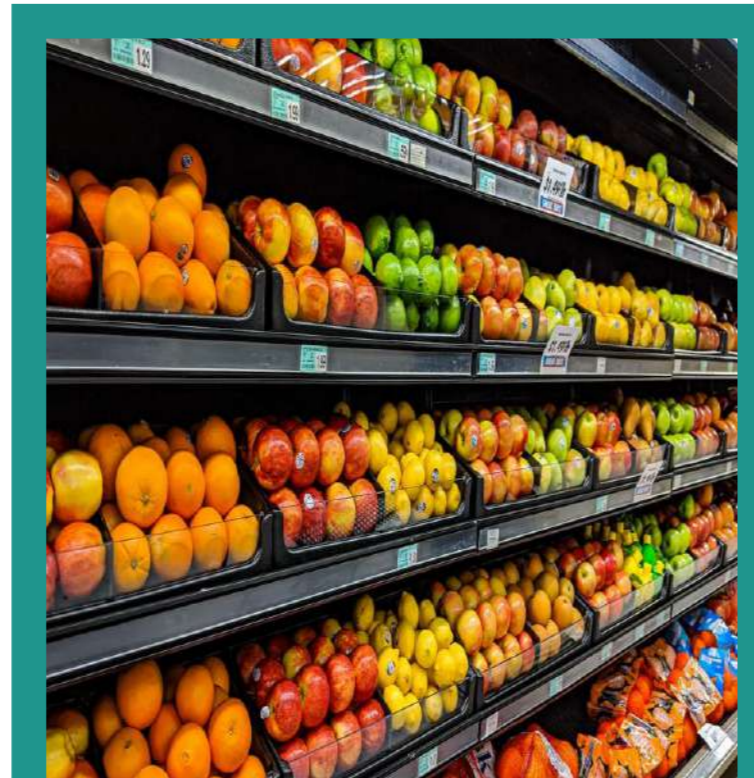
- Health products logistics
- Food products logistics

Other Market sectors and applications

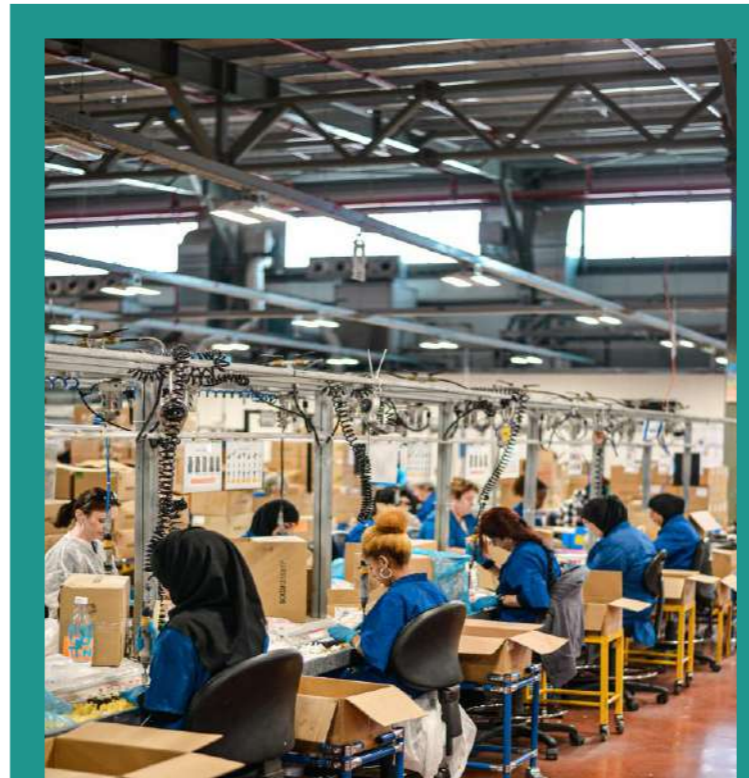
Our monitoring systems are used across a broad range of market sectors including medical, warehousing, distribution and throughout the food and healthcare cold supply chain.



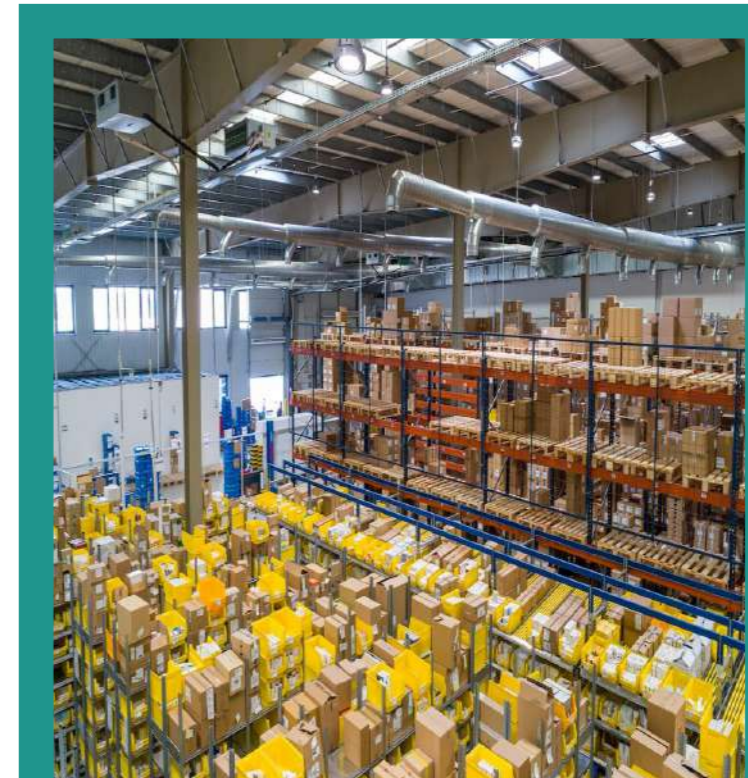
Agriculture



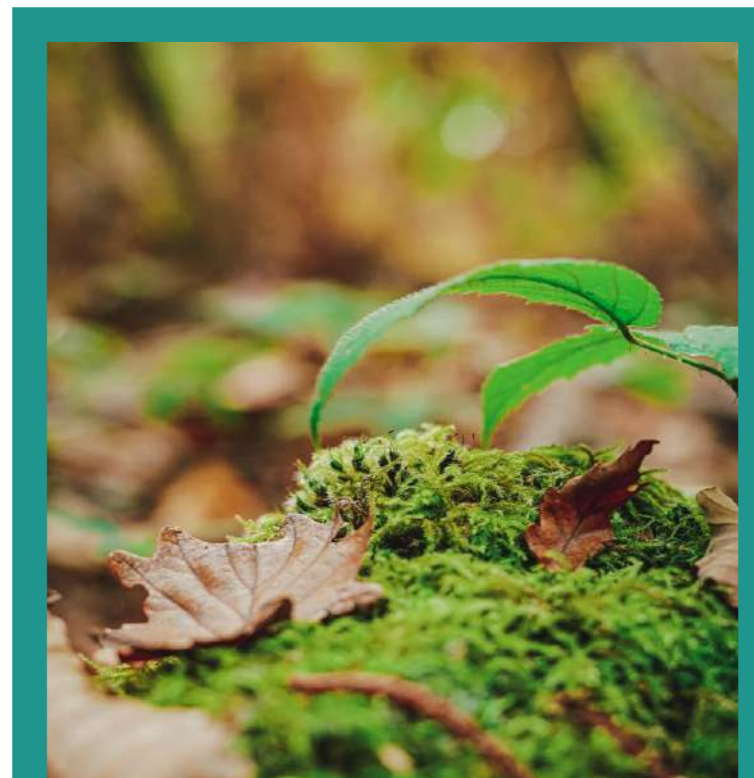
Food & Retail



Production



Warehousing



Environmental



Pharmaceutical



Healthcare



Laboratory