

GD*Sense* LoRa IOT

an Industrial 4.0 compliant solution



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GD*Sense*
Monitoring Portal



In the history of modern industrialisation, there has never been a time when technology adaptation has become the survival ability for an organisation. From micro trader, SME factories, farms and large corporations, survival hinges on one's ability to adapt with the use of technology. For manufacturing, warehouse, smart farming and mission critical infrastructure, the use of wireless smart sensor allows the operations control to have a near real time visual on its key equipment without the need of having human supervising. This greatly enhance the effectiveness, loss prevention and labor reduction. Wireless sensor network lays the foundation for a greater automation exercise later.

GD Innovations together with SpeedRF whom has developed a local designed and manufactured IOT wireless sensing solution based on LoRa technology. This solution utilises a license-free radio frequency band that has the ability to transmit sensor data over a long distance up to 7km light of sight.

The sensor data will be aggregate in GD*Sense* portal and publish onto dashboard and electronic records for audit and improvement studies purposes. Abnormality observation with urgent response can be push to mobile app.

Key Application Areas



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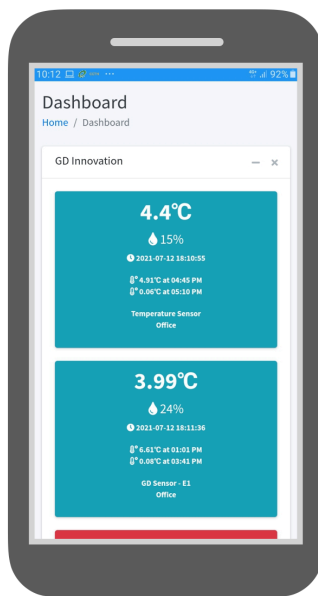
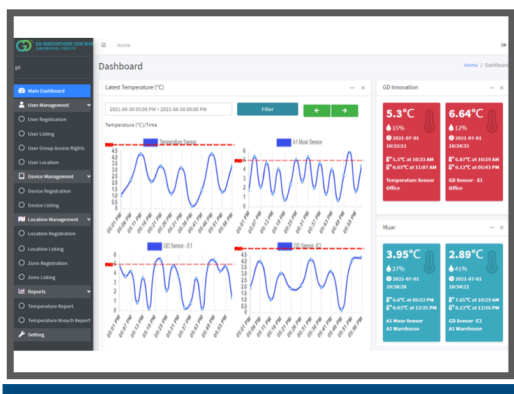


Typical Applications



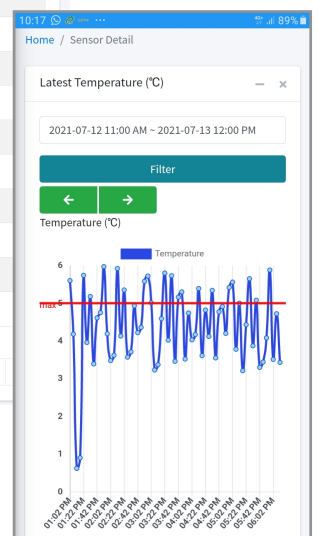
Key features

Cloud based subscription model or On Premise Model. Access any time any where. Real Time Alert on Mobile. Customisation of Workflow available for Enterprise requirement. Wireless battery operated sensors for easy deployment. Optional DC powered. Wide range of electrical interface for different sensors for all kinds of application environment.



Temperature (°C)	Highest Limit (°C)	Lowest Limit (°C)
0.62	5	0
0.9	5	0
3.21	5	0
3.23	5	0
3.3	5	0
3.37	5	0
3.39	5	0
3.43	5	0
3.44	5	0
3.46	5	0

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