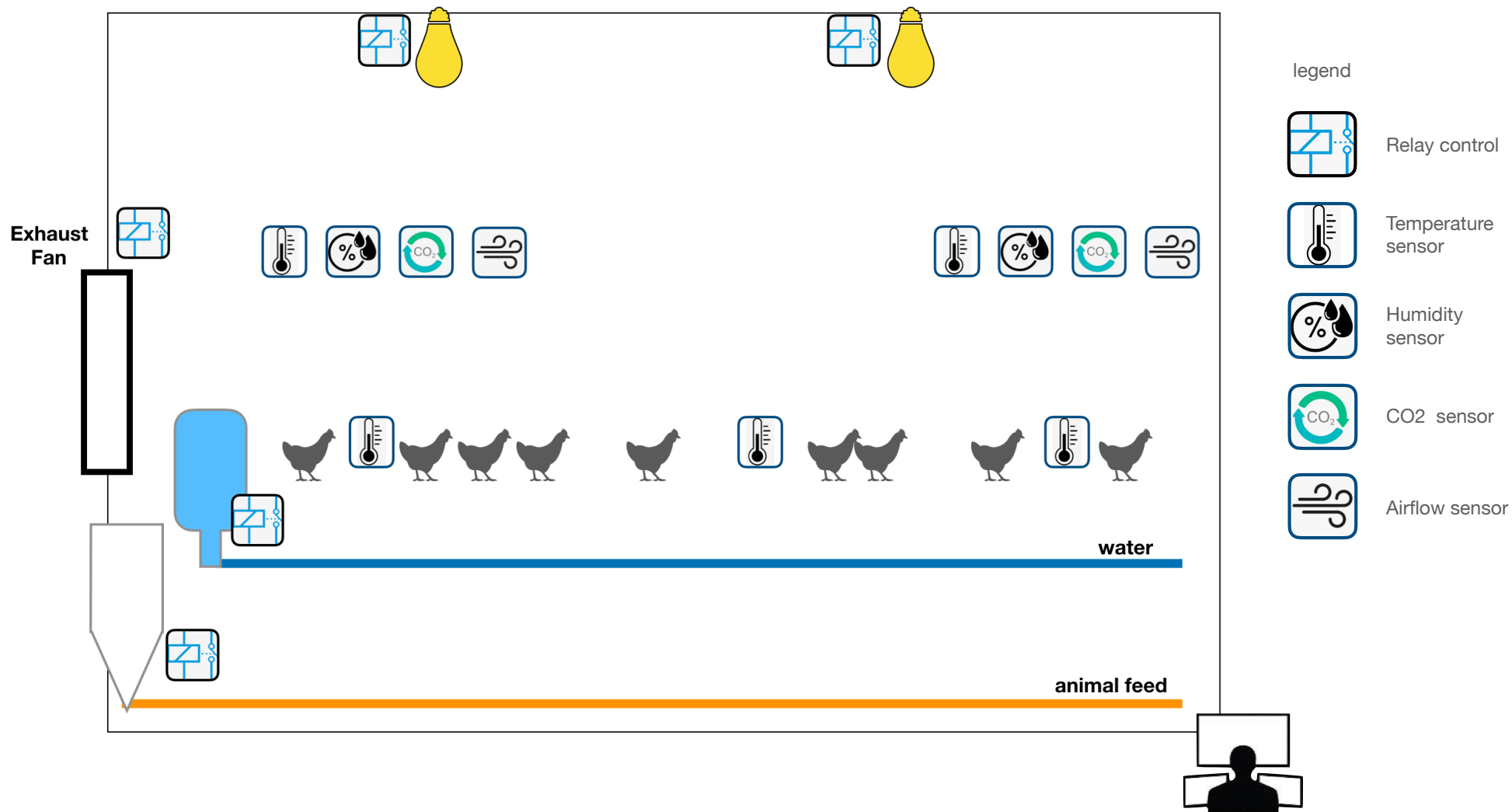


Digital Farming with IOT Wireless Technologies

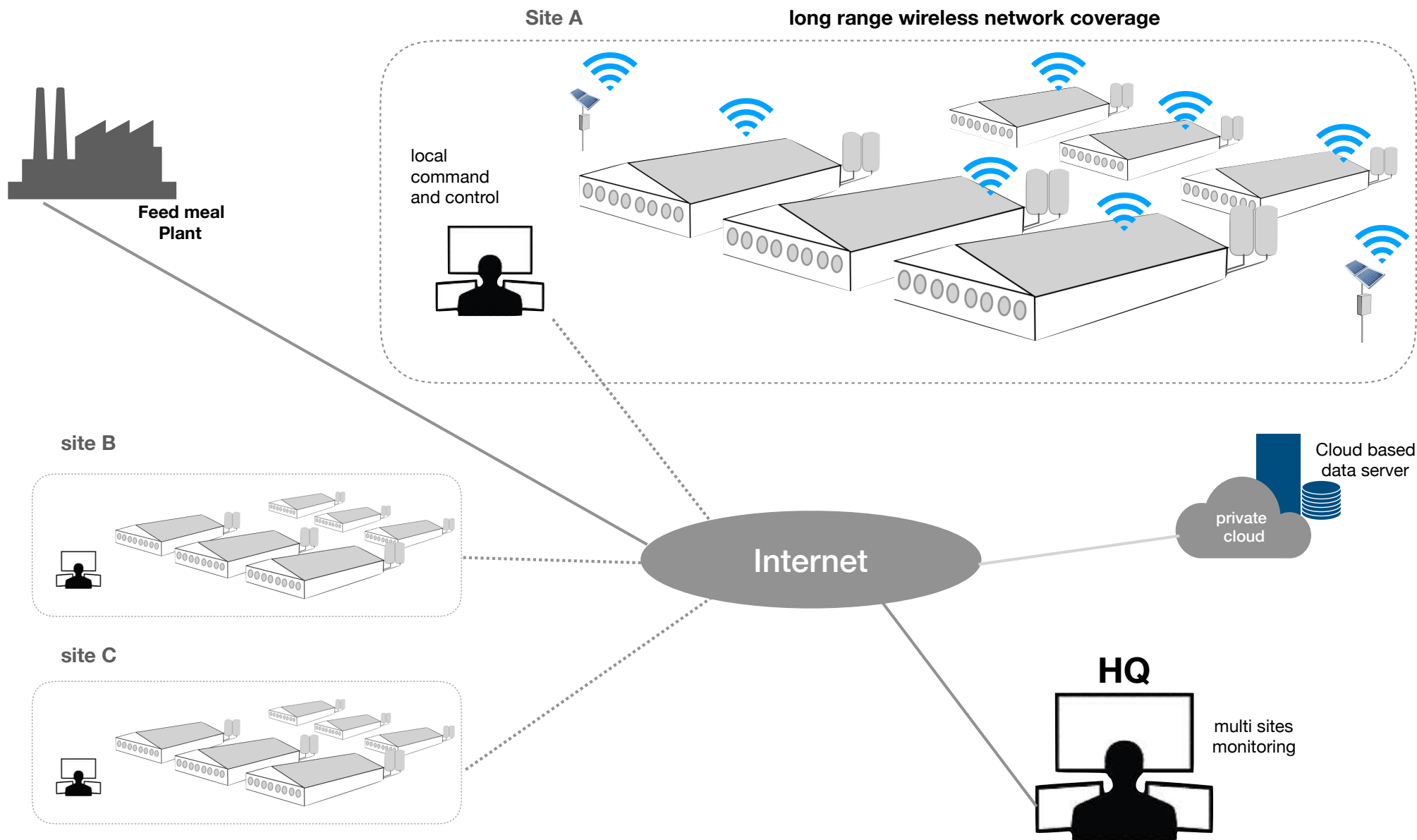
GD*Sense*
Monitoring Portal

GD Innovations Sdn Bhd

wireless sensor and relay - digital farming monitoring and control



Visibility - HQ - Farm sites - Feed meal plant



Benefits



- Long range wireless based sensor and control ensures easy deployment without need of cabling



- Multiple range of sensor interface supports different measurement and detection requirement



- Unique wireless relay allow remote control of pump, valve, lighting, fans, heater etc.



- Online dashboard local site and HQ allows high visibility on operation



- Data captures store online for data analysis for better process control improvements



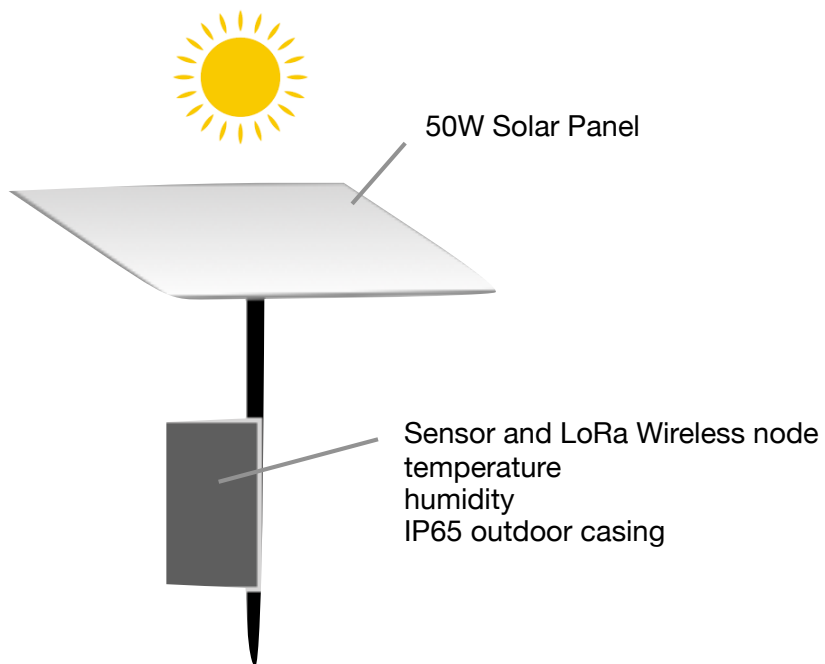
- Potential benefits from just in time internal supply chain (feed mill to farm supplies)



- IOT enables better monitoring and extend farm operation with contract farming for capacities upgrade yet still within control

Wireless Sensor Range

Solar Panel Rechargeable Battery system
 LoRa long range transmitter
 supports various sensing requirements

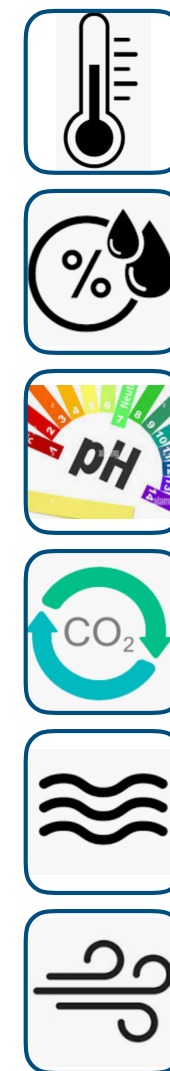


wireless nodes



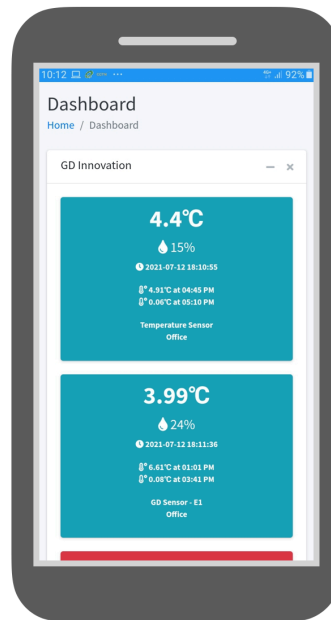
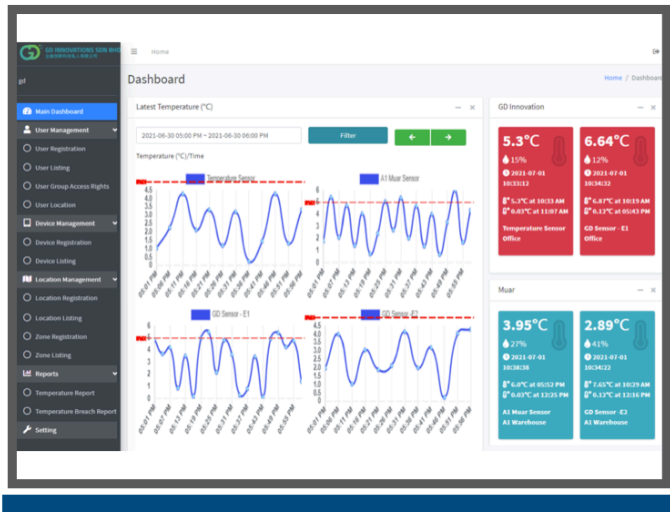
various industrial sensor interface supported

example types of sensor



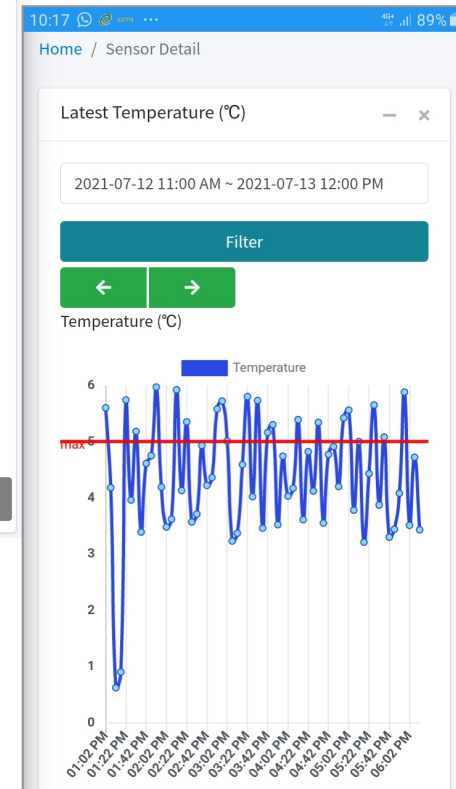
GD Sense Cloud Monitoring

Cloud solution enables easy scaling of number of IOT devices
Dashboard data presentation on web, smart phone apps
Alert notification to be deliver real time on user smartphone



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

Showing 1 to 10 of 63 entries
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Thank You.

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