



Silo Storage Monitoring

Transforming Agricultural Grain Preservation harnessing Wireless IoT Technology



WIRELESS IOT SENSORS

- Ultrasonic Level Sensor
- CO2, IAQ & TVOC Sensor
- Temperature & Humidity
- Acoustic Sensor
- Pressure Sensor
- Compaction Sensor

Silo Storage Monitoring Solution

Utilizing wireless IoT technology for Silo Storage Monitoring represents a transformative solution for revolutionizing the conventional methods of preserving food grains with IoT Technology. In the realm of agriculture, traditional approaches like silo storage play a vital role in minimizing wastage and extending the shelf life of staple food grains beyond their production season. As the global population continues to grow, the need for effective monitoring of large- capacity silos becomes more critical, posing a direct threat to food security and managerial safety.

The Silo Storage Monitoring Solution serves as a compelling illustration of how IoT has the power to convert traditional silos into smart ones. This transformation enhances their functionality and efficiency, ultimately increasing the safety of workers in the sector and promoting sustainability throughout the storage and supply chain ecosystem.

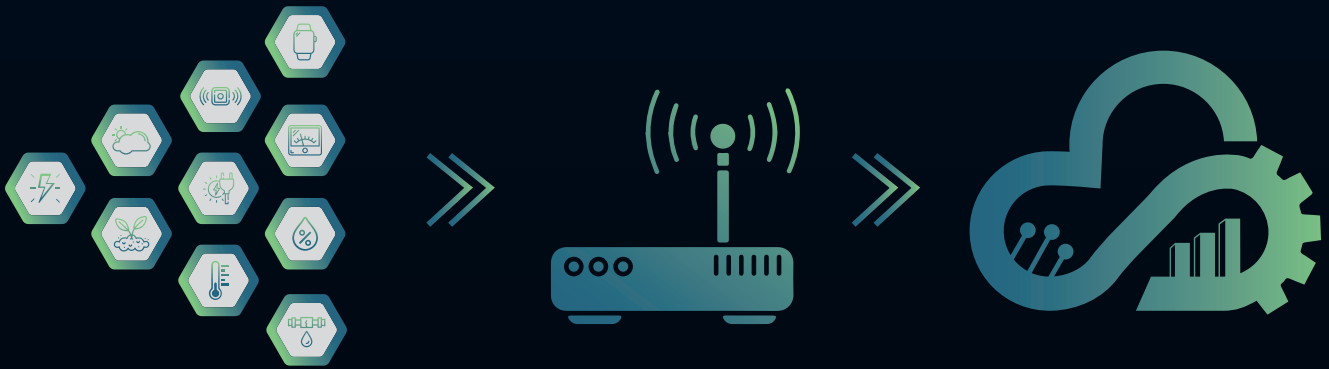
CHALLENGES

- Inadequate Monitoring of Large Capacities
- Threats to Food Security
- Risk of Spoilage and Contamination
- Poor Visibility in Remote Locations
- Inefficient Manual Processes
- Remote Accessibility of Silos

WIRELESS IOT CLOUD SOLUTION

- Enhanced Real-Time Monitoring
- Automation and Data Accuracy
- Prevention of Spoilage and Contamination
- Wireless Remote Accessibility
- Customizable Alerts and Notifications

In summary, wireless IoT monitoring solutions for silo storage effectively mitigate the challenges associated with traditional methods. They offer a proactive approach to monitoring, preventing spoilage, enhancing data accuracy, and enabling efficient management even in remote locations, thereby revolutionizing the silo storage landscape.



OMNIWOT

Innovate, Integrate & Empower

omniwot.com | +91 75502 28044 | info@omniwot.com

OmniWOT Technologies Private Limited, 103, Tower 5,
L&T Raintree Boulevard Bellary Road,
Byatarayanapura, Bengaluru, India-560092.

