



|| Vibes ||

AgriWarehouse



Connect



Monitor



Control



Bridging Gaps

SeethaRam Mechatronics Pvt Ltd

Bridging Gaps in Technology

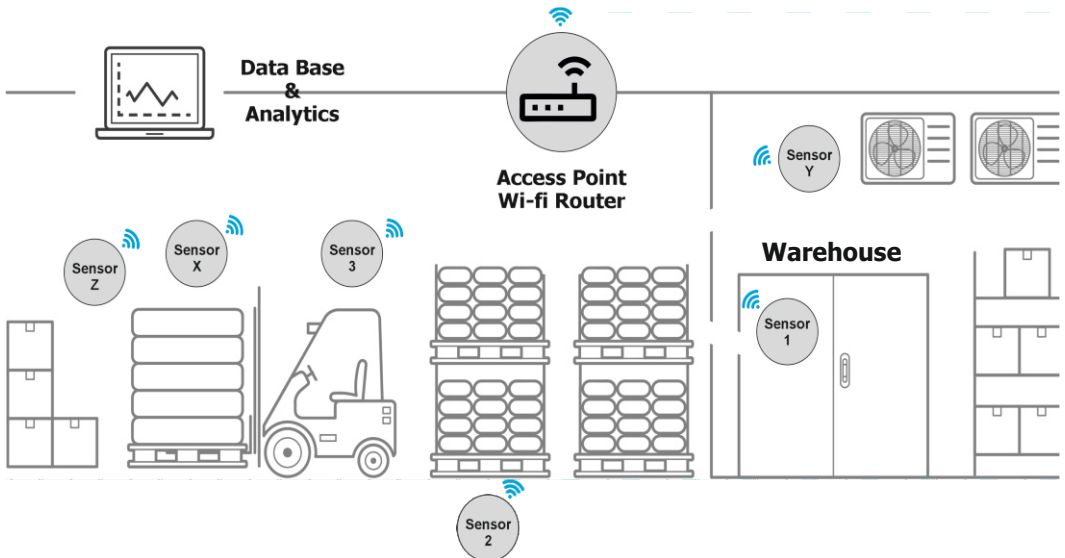
Vibes|| Agriwarehouse



Agri-Warehouses must be constantly monitored for Ambient Conditions prevailing within the warehouse housing variety of Food grains of varied aging. Monitoring the warehouse involve monitoring the temperature and humidity conditions, proper ventilation and rodent free environs, detection of fumigation intensity, monitoring

obnoxious gas levels after fumigation and ensuring safety within the premises. Vibes Agri Warehouse is the monitoring solution for such scenarios. Vibes Warehouse has a host of sensors for Warehouse monitoring and wireless data transmission on IOT platforms. The data can be made available for custom solutions. Talk to us for complete solution.

Typical General Arrangement Architecture



VIBCORE - Warehouse Data Base & Analytics

Customized Vibes Firmware for data structure format, as per your requirement; Access point configuration software / hardware; Configuration and testing with customer choice IoT core viz AWS, Azure etc.



Few Parameters Detected, Measured & Monitored

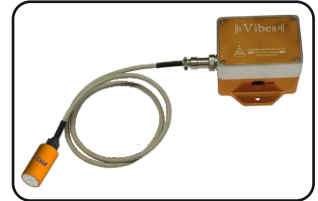
Air Quality

This Probe is meant for industry-proven quality and reliability in measurement of humidity, temperature & eCO₂ parameters with accuracy, continuously, 24 x 7 for many years.



Fumigation & Dioxygen

The Dioxygen & Fumigation Sensor employs electrochemical technology. Fumigation in warehouse, release toxic Phosphine gas during which human entry should be prohibited. Levels of toxicity is sensed by fumigation sensor. Post fumigation normal air quality can be determined from dioxygen sensor readings.



Ventilation

This measures the adequacy of ventilation within the warehouse so that aeration is maintained.



Grain Stack Depletion

Grain Stack Depletion ensures that the stock weight is monitored in each stack. This design needs no ramps or pits for weighment. These are relatively inexpensive to install, save floor space and enhance safety.



Door Ajar & Fire/Smoke

A Pair of Door Lock Sensor ensure door being open only on permission and closed during fumigation. Flame & Smoke Detector ensure safety.



Rodent Presence

Rodent motion sensor detect the presence of Rodents activity The device is small and can placed for detecting different types of the target. These are placed at strategic places to detect rodent activity



SeethaRam Mechatronics Pvt Ltd provides products and solutions for IOT Ecosystem. Apart from catlog offerings, you may contact us for complete electronic design solutions from the stage of design to manufacturing for IOT's / Embedded Products. Right from PCB layout, board & enclosure designs integrating embedded electronics, digital and analog acquisition, and power systems, we can do it all.

Few Developed Products & Solutions

- ✓ *Touch Screen Indicators*
- ✓ *Controllers & Loggers*
- ✓ *Signal Splitters, Conditioners*
- ✓ *Humidity, Temperature Sensor*
- ✓ *Lux Sensor*
- ✓ *Wi-Fi RTU & Protocol Gateways*
- ✓ *Vibes Agriculture*
- ✓ *Vibes Mobility*
- ✓ *Vibes Warehouse*
- ✓ *Vibes Maintenance*
- ✓ *Force & Torque Sensors*
- ✓ *Strain Links & Vibration sensors*

Few Customers

