MONITOR

SASYA SYSTEMS

Smart Cold Storage

SENSE | MONITOR | AUTOMATE

Product Brochure

Do you monitor and get notifications for change in temperature, humidity, & CO_2 that impacts your Cold Storage environment ?
Do you want accountability for fluctuations in values?
Do you want to automate your Operations to reduce cost?

Sasya Smart Cold Storage device measures temperature, humidity, CO_2 through sensors placed in different zones of cold storage. Data is available on the mobile. Notifications are triggered to users for action.

Passive or a schedule-based management of cold storage environment is not enough.
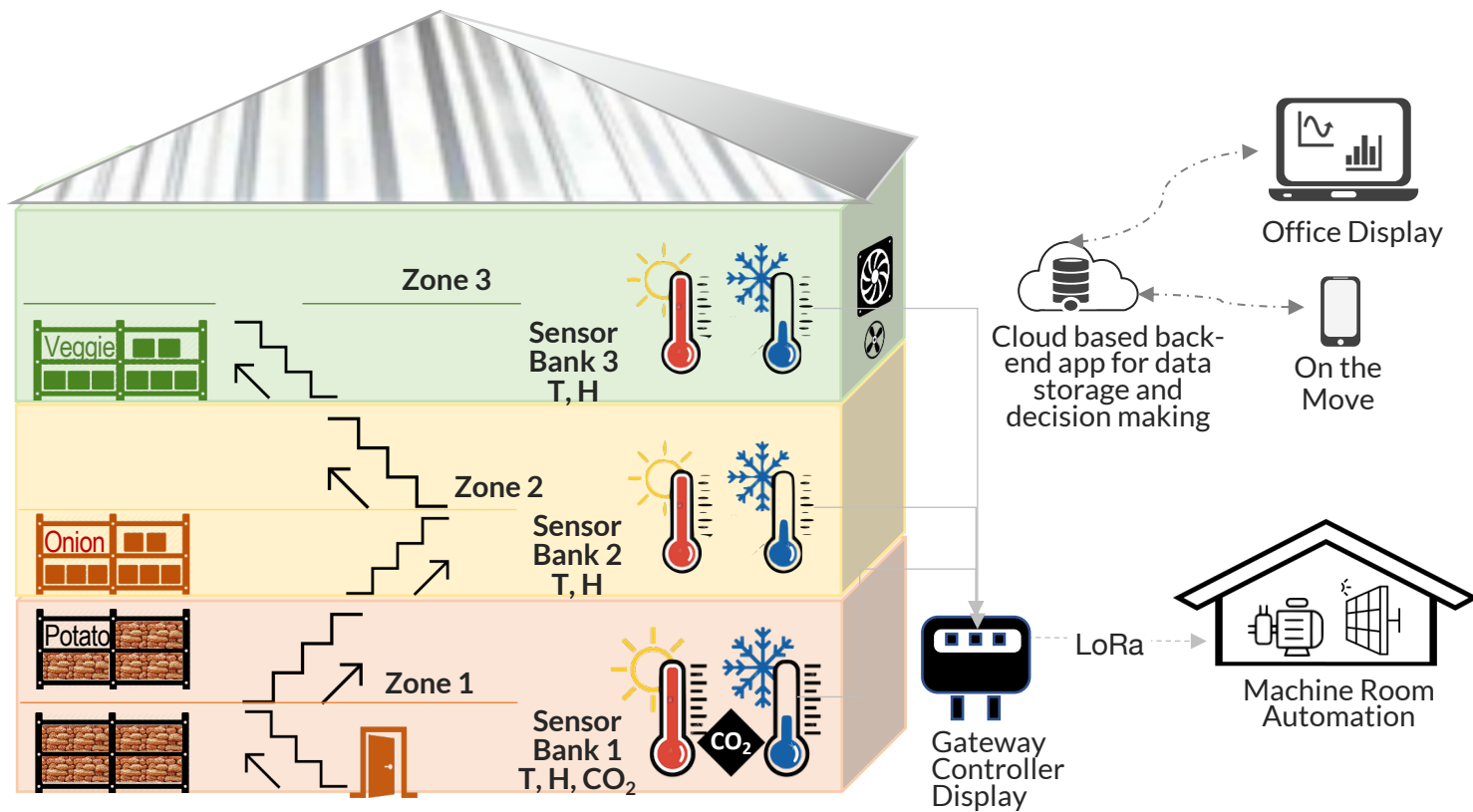
- Constant tracking of parameters & data availability for your operator and customers
- Save power & prevent machine damage due to overuse
- Prevent early ripening, starch build-up in the produce
- Use data to your advantage for higher pricing with customers

Fit Sasya Smart Cold Storage and forget about fluctuation in your
Cold Storage Environment Parameters 24X7

Smart Cold Storage

Sasya Smart Cold Storage working

SASYA SYSTEMS

Zone 3

Sensor Bank 3
T, H

Veggie

Zone 2

Sensor Bank 2
T, H

Onion

Potato

Zone 1

Sensor Bank 1
T, H, CO_2

CO_2

Gateway Controller Display

Office Display

Cloud based back-end app for data storage and decision making

On the Move

LoRa

Machine Room Automation

Highlights

Extendible Multi-Zone Sensor Banks: Temperature, Humidity Sensor at all levels, CO_2 at ground level

Multi Displays: Local display of parameters for the operator, office computer and mobile for 24X7 monitoring & notifications

Wireless Connectivity between Controller and Machine Room

Multiple Connectivity modes: Wifi, GSM, NB-IoT, LoRa tech

Automation (Phase 2): Multi-zone Relays for actuation of compressor, exhaust etc.

Benefits

100% Availability of data on parameters that impact your cost & profitability

30% Saving of manual labour in various monitoring activities

Full Retro-fitment in existing panels for automation

Zero Recurring cost* for solution usage

Zero Cost consulting for solution design and technical support

*Conditions Apply

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