

ZenSár



Smart warehouse management

IoT

CASE STUDY

About Client:

Client is a leading floral and gourmet foods gift retailer and distribution company in the United States. It was one of the first retailers to use a 24 x 7 toll-free telephone number.

Company:

Revenue: \$1.19 billion
Employees: 10,000+
Industry: Floral and gourmet foods retailer

Headquarters:

New York, United States

Challenges:

- High Labor Cost
- Inventory fulfillment lead time
- Ineffective Warehouse Design
- Space shortage during peak seasons
- Inefficient resource utilization
- Inventory location tracking
- Rapid fluctuation in demand
- Picking path within the warehouse not optimal

Solution:

- Monitor and control the storage conditions using real time transfer of data over IoT using sensors.
- Data for vital parameters is captured at every stage of the component lifecycle and Predictive Analytics is used for reducing wastage.
- Alerts to Managers and technicians for any urgent incidence such as unexpected change in temperature, humidity, and pressure.
- Automated Start/Shut down of devices using pre-defined threshold for parameters such as Temperature.
- Inspection, Re-hydration & internal movements will be tracked using the RFID tags.

