

Smart Cellar



Function: Condition Monitoring

Processes: Quality Control, Inventory Management

Industry: Consumer & Industrial Products (C&IP) – Food & Beverage

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Business Driver

Quality control is a primary concern for wineries, breweries and pub owners. There is a need to be able to easily monitor the condition of storage cellars in order to maximize inventory quality and minimize inventory loss.

Solution Overview

Smart Cellar provides wineries, breweries and pub owners with the ability to monitor and analyze cellar conditions in real-time. The solution will push automatic alerts when cellar condition thresholds are breached, allowing maintenance teams the time to act quickly and efficiently to correct cellar conditions and ensure beer, wine and liquor are stored and poured in an optimal environment to maintain quality.

Features

Real time condition monitoring

- ✓ Temperature and humidity monitoring
- ✓ Automatic alerts based on thresholds
- ✓ Cellar geo-location
- ✓ Condition monitoring dashboard
- ✓ Interface with Smart Tap solution

Potential Benefits

- ✓ Real time condition monitoring
- ✓ Predict cellar condition issues before they occur
- ✓ Reduce inventory waste
- ✓ Increase quality control
- ✓ Optimize inventory management



IoT

- Temperature & Humidity Sensor
- GPS Sensor



Big Data

- Cellar geo-location
- Sensor values by second



Analytics

- SAP® Lumira 2.0
- SAP® Analytics Cloud
- SAP Fiori® KPI Modeler