



## Smart Cellar

**Function:**  
Condition Monitoring

**Processes:**  
Quality Control, Inventory Management

**Industry:**  
Consumer & Industrial Products – Food & Beverage

### Business Driver

- Quality control concerns
- Better monitoring of storage cellar conditions
- Maximize inventory quality
- Minimize inventory loss

### Solutions 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 and 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

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