

# SAP LIQUID STUDIO FOR LEONARDO APPLICATION: INTELLIGENT PLANT

Sensing your plant operations

Function: Plant Maintenance | Process: Supply Chain | Industry: Cross-Industry Quality Management

## Application Overview

Digital technologies are shifting the ways that plants operate. New Internet of Things sensors produce large volumes of data about a plant and the associated environmental conditions. Combined with advanced analytics and automation, these connect machines and sensors extract data and derive intelligence to improve performance and reduce risks.

Intelligent Plant provides a powerful digital dashboard for plant managers. It allows managers real-time visibility into operation performance and potential risks. Managers can follow up on production and maintenance orders as well as monitor the atmospheric conditions within the plant.

## Solution

The intelligent plant application combines IOT data from sources around a plant with user friendly dashboards and analytics to put a full view of plant operations in a single location.



## Business Value

- Offers a single tool to manage and monitor data coming from different sources enabling managers to be more efficient and react better.
- Identifies issues earlier and reduces risks of an incident in the plant.

## Features

- Focuses on incident management.
- Integrates with SAP Production Planning (PP) and SAP Plant Maintenance (PM) for production and maintenance orders management.
- Integrates with Google Maps API.
- Uses SAP Document Center to store plant documentation.

## Technologies in Use

- SAP Cloud Platform
- SAP Leonardo IoT Services
- SAP Leonardo Analytics
- SAP Document Center
- SAP Plant Maintenance (PM)
- SAP Production Planning (PP)
- Google Maps API
- Third-Party APIs

