



CommonSense tank level monitoring IoT solution implemented for UCB to reduce the risk related to liquid effluent in its quality control laboratories

Presentation of UCB Pharma

UCB is a Belgian biopharmaceutical world leader founded in 1928.

The quality control laboratories use several liquid chromatographies (HPLC) and generates high volumes of liquid effluents that needs to be handled with caution.

Business need

Given the sanitary risks, those liquid effluents need to be monitored in order to prevent overflow of their tanks. In the framework of its risk management strategy, UCB has decided to deploy a real time system for monitoring HPLC wastes to prevent any risks.

Solution

UCB Pharma benefits from the CommonSense IoT platform and its custom application designed to prevent tanks overflows. This system has been deployed in their laboratories in Belgium.



- ✓ White label CommonSense IoT platform
- ✓ Real time monitoring of the laboratories' tanks
- ✓ Fully custom application designed with the CommonSense APIs
- ✓ Online equipment configuration
- ✓ Use of the Sigfox network
- ✓ Fast time to market



“Their IoT platform is a very complete toolbox allowing really complex integration and configuration of detectors, rules, alarms, statistics and much more to deliver “à la carte” IoT functionalities with great support.”

- Benoît Mathieu, Principal scientist

Benefits

The end to end solution enables to monitor in real time laboratories' tanks avoiding sanitary risks.

- ✓ Better security for workers while avoiding tanks overflow
- ✓ **Short delivery time**
Web application built with the CommonSense APIs in two weeks. Fast online provisioning and configuration of the tanks