

## Reliable Chemical Tank Level Monitoring with Remote Access

### Mobile and Browser Visibility for a Confectionery Manufacturer

#### Overview

A confectionery manufacturer needed a reliable way to monitor cleaning chemical tank levels without invasive installation and to make the data easy to access for stakeholders via phones and browsers. With production demand changing, chemical usage fluctuated, and inventory visibility became essential.

#### The Situation

The company produces confectionery and uses a range of cleaning chemicals to sanitise equipment and workspace between production runs. Because output varies based on demand, so does chemical consumption, making it difficult to confidently track inventory levels and plan refills.

When their system integrator explored remote monitoring for the site's existing chemical tanks, two priorities stood out: ease of use and data access for multiple stakeholders, alongside reliable measurement of challenging media such as caustic soda.

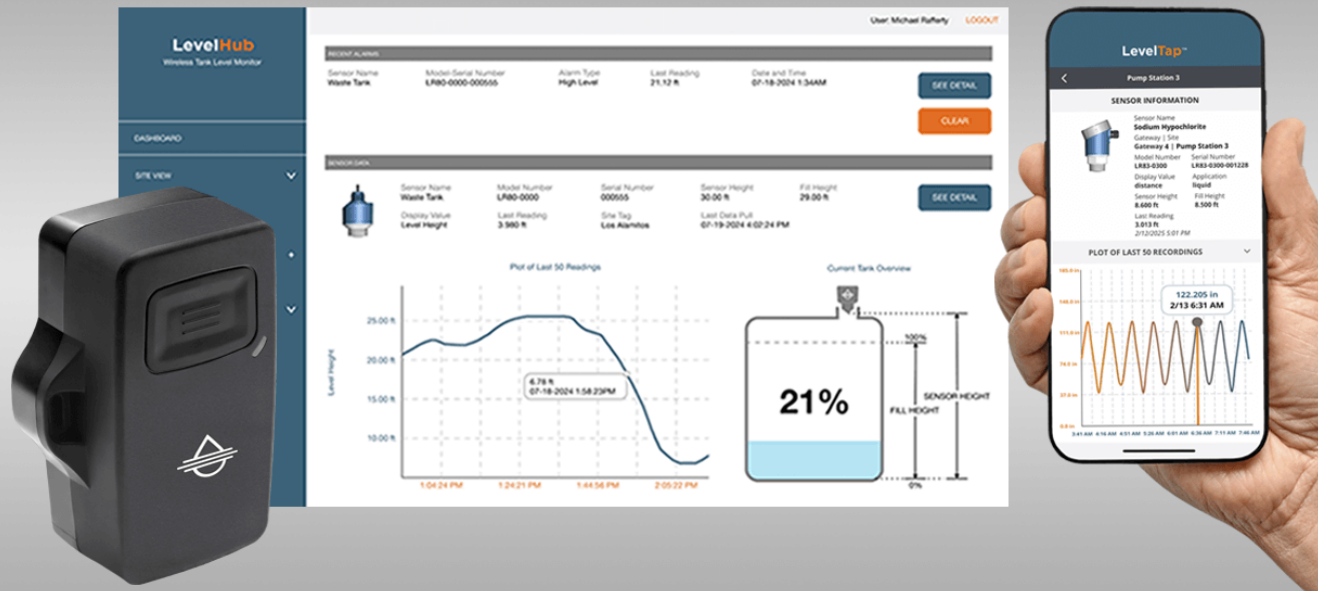
*"We're looking to install a remote monitoring system on my client's existing chemical tanks. Their concerns are the system's ease of use and data accessibility to stakeholder phones and browsers. My concerns are with how to reliably measure caustic soda and the overall ease of installation."*



For more information on protecting your business from leaks, please get in touch with our Safety Equipment Specialist, Gary Hand, by calling 01 461 4338 or email [gary.hand@modernplant.ie](mailto:gary.hand@modernplant.ie)



# CASE STUDY



## The Approach

Flowline recommended the LR80 radar sensor mounted in a non-invasive fitting, paired with the LevelHub gateway for remote monitoring.

The LR80 provides dependable level measurement, while the LevelHub ecosystem makes the information usable across devices:

- The sensor connects to LevelHub via BLE
- LevelHub transmits LTE-M data to the LevelTap app and LevelHub.io browser platform

## Installation & Commissioning

The first tank was installed, configured, and reporting level data in approximately 20 minutes, giving the team immediate visibility without lengthy integration or complex setup.

## Outcome

With the system in place, the confectionery manufacturer gained consistent, non-invasive level measurement and remote inventory visibility that could be checked quickly on mobile or in a browser. This improved day-to-day awareness of chemical levels and supported more confident refill planning as production demand changed.



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