

# Case Study

## Industry: Dairy / production



Stara Mleczarnia SA produces Kashubian regional and ecological cheeses with a completely natural composition, without chemical additives. These cheeses are created based on craft production methods and traditional recipes, they owe their taste to slow maturing and daily manual care.

### Challenges

Stara Mleczarnia, like every company that offers products of its own production, faces many challenges on a daily basis for the entire production process of the products offered. So far, different people were responsible for each element of the production cycle, and solving daily problems and the incident reporting process significantly delayed the work of the company. The Old Mleczarnia needed a solution that, thanks to the automation of production processes, would improve the operation of the company, eliminate errors, and thus become a source of time and money savings

### Solution

flooWe is a universal system that can be easily adapted to the current needs of the company, quickly and efficiently implemented, and if necessary, expand with new modules. The tool streamlines the company's operations, allowing for systematic and simple reporting and incident handling at every stage of cheese production: milk acceptance, milk release for production, brining, transfer to maturation, outdoor release

### Areas of use flooWe:

**PROCESS CONTROL:** Recording of relevant information during the processes at each stage of the production cycle. Generating checklists regarding: monitoring the quality of raw materials and their critical parameters, interprocess control during production and during cheese ripening. flooWe also allows you to document the flow of raw materials and products and support the process of order fulfillment.



**PRINCIPLE 30 SECONDS:** reporting incidents by dairy workers using the offline mobile application. Each employee can report the incident in just 30 seconds by sending a photo with a short description.

**SCANNING OF CODES** - flooWe facilitates control over the equipment, streamlines the process of receiving milk and issuing finished products. Scanning ID numbers shortens the duration of individual elements of the production cycle and facilitates their monitoring and control.

**AUTOMATION** - based on the analysis of data from IOT devices, flooWe automatically generates reports related to, for example, the process of brining. The report contains % salt content, temperature and pressure.