



# Techwave's \_\_\_\_\_

## Special Food Processing Solution

Techwave's **SFP (Special Food Processing)** solution is an industry-specific SAP extension designed to manage the full end-to-end lifecycle of raw material procurement, quality control, production, logistics, sales and financial settlement in the food and dairy sectors. It delivers standardised, upgrade-safe functionality built on SAP best practices, enabling companies to handle complex quantity–quality dependencies, regulatory compliance, and real-time operational decision-making.

# SFP CAPABILITIES

## Industry-focused SAP extension

supporting dairy, grain and liquid food processing

## Handles the full lifecycle

raw material procurement, quality inspection, production planning

## Shop-floor execution, warehousing, sales, controlling and settlement

## Advanced raw milk procurement engine

vehicle registration, milk tag data, multi-level sampling

## Automatic contract detection, fat/protein component breakdown and monthly settlement automation

## End-to-end quality management integration

covering lab results, factory inspections

## Compliance reporting and traceability

## Supports complex logistics

catch weight management, batch strategies RF-based warehouse execution and truckloading/unloading strategies

## Built fully on SAP standards (ECC or S/4HANA), ensuring upgrade-safe developments

## Seamless integration with BI, WM, QM, SD, PP modules

Comes with **pre-configured best practices**, reducing implementation risks and accelerating go-live

Designed **based on 15+ years of dairy industry experience** and real customer roll-outs

## The complete SFP solution

Modules with key functions:



### Raw material procurement

(milk tag, sampling, automatic contract detection, etc.)



### Quality management

(laboratory integration, factory gate inspections, reporting)



### Production

(capacity management, batch management, by-products)



### Logistics

(CWM, FIFO/FEFO, RF warehouse, loading strategies)



### Sales and customer management

(CRM, call center cockpit, EDI)



### Financial settlement and BI

(CO-PA, automated settlement, dashboards)



Procurement



Quality Check



Production



Logistic



Sales



Settlement

## REFERENCES



### **FrieslandCampina - Global Rollout Localisation & SFP Integration**

FrieslandCampina partnered with Techwave to support a multi-country SAP rollout, including localisation of legal, tax, and supply chain processes.

**Key achievements:** Global template localisation, introduction of SFP dairy functions, warehouse optimisation (CWM), SD automation, EDI stabilisation, and end-to-end milk processing integration.



### **Sole-Mizo (Bonafarm Group) - Smart Dairy Template & Full SFP Deployment**

Sole-Mizo, one of Central Europe's largest dairy producers, worked with Techwave to build a unified, scalable SAP environment.

**Key achievements:** Implementation of the Smart Dairy Template, complete SFP rollout, EDI and retailer integration, shop-floor process stabilisation, WM modernisation, and harmonised production reporting across three plants.



### **Tolnatej - SAP ECC + CWM + BI Integration with Milk Procurement**

Tolnatej selected Techwave as their strategic SAP partner to integrate milk procurement into the corporate SAP landscape.

**Key achievements:** End-to-end raw milk procurement (Milk Tag, QC sampling, settlement), CWM warehousing setup, BI dashboards for production and collection analysis, and improved batch traceability.



### **Köröstej - End-to-End Dairy Operations with SFP & SAP ECC**

Köröstej, a rapidly growing Hungarian dairy group, required a robust SAP foundation for multi-plant operations.

**Key achievements:** SFP-based production planning, warehouse optimisation, batch management enhancements, PP/WM/SD integration, and fully automated monthly farmer settlement processes.



### **Óvártej Zrt. - Modernisation of a Century-Old Dairy Operation**

A Hungarian dairy producer with more than a century of cheese making tradition, worked with Techwave to build a unified, scalable SAP environment.

**Key achievements:** SAP S/4HANA implementation (2019) and upgrade (2023), deployment of Techwave's SFP, EKAER and NAV Online solutions, modernisation of production processes, and improved export readiness through advanced automation and integrated quality and logistics operations.

## REFERENCES



### **Alföldi Tej - High-Volume Production with BI and CWM**

Alföldi Tej's rapid expansion demanded improved logistics coordination and quality-driven production planning.

**Key achievements:** CWM-based warehousing, BI-driven production and margin reporting, batch and quality tracking improvements, and enhanced inbound-outbound logistics management.



### **Hilmar Cheese (USA) - Dairy Processing Best Practices Consulting**

Hilmar partnered with Techwave to evaluate SAP-based dairy process optimisation opportunities.

**Key achievements:** End-to-end process assessment, SFP functional fit/gap mapping, logistics and quality data model review, and roadmap creation for future SFP adoption.



### **Caravanes - Specialty Dairy SAP Integration**

Caravanes required consistent quality & production tracking for artisanal dairy products.

**Key achievements:** SFP QC integration, recipe-based production setup, batch genealogy, and FEFO-driven warehousing.



### **Bábel Sajt - Artisan Cheese Production Digitisation**

A boutique cheese producer looking to professionalise operations with SAP.

**Key achievements:** Component-based BOM and batch management, quality record-keeping automation, and shop-floor data capture improvements.

# Techwave's SAP Powered Enterprises

FrieslandCampina is a major Dutch dairy cooperative rooted in 1871, processing milk into a wide range of products and serving consumers in over 100 countries. It is owned by thousands of member-farmers and focuses on delivering "better nutrition for the world", while supporting its farming community and pursuing sustainability.

## Global Rollout Localisation & SFP Implementation

FrieslandCampina, one of the world's largest dairy cooperatives, partnered with Techwave to support a multi-country SAP rollout, including localisation of core processes and the introduction of industry-specific dairy functionalities.

### Key achievements:

#### Global template localisation

- Adaptation of the corporate SAP template to local legal, tax, and operational requirements
- Harmonisation of procurement, production, quality, and logistics processes across regions

#### SFP (Special Food Processing) introduction

- Deployment of advanced dairy-specific functions (milk collection, component-based settlement, quality integration)
- Integration of SFP logic into existing SCM, PP, QM, and FI/CO processes

#### WM/SD enhancements

- Warehouse Management optimisation (CWM processes, batch handling, FEFO, inbound/outbound flows)
- Sales & Distribution improvements, including pricing, delivery automation and EDI stabilisation

#### Operational benefits

- Streamlined end-to-end milk processing chain
- Unified data model across factories and countries
- Faster product traceability and compliance reporting

## Techwave's SAP Powered Enterprises

Leading Hungarian poultry breeding and hatchery company with decades of experience in high-quality broiler production. The company operates a fully integrated value chain from parent stock management and modern hatchery operations to the delivery of day-old chicks for partner farms. Gallus places strong emphasis on animal health, biosecurity, and advanced breeding technologies, ensuring consistent performance and reliability for its customers. With continuous investments in innovation and strict adherence to industry standards, Gallus remains a key player in Hungary's poultry sector and a trusted partner within the regional supply chain.

## Techwave's SFP Solution Implementation

- **Implementation of the Techwave SFP solution for grain procurement**  
(including the truck-scale integration used in the grain intake process)
- **Industry specific solutions for the poultry sector:**
  - Production planning interface fully integrated with the chicken sourcing and inbound logistics processes
  - Overhead rail scale (hook scale) interface on the production line (where the birds are hung), primarily for weight measurement and piece-level traceability
  - Measurement point interfaces across the production lines (for handling operational feedback and confirmations)
  - Comprehensive livestock management, including:
    - Daily flock-level monitoring
    - Weight-gain tracking
    - Reporting aligned with internal and external regulatory requirements
    - Process-related document generation

