

COMPOSABLE MES · FOOD & BEVERAGE

MES built for Food & Beverage

Every batch traceable. Every shift on schedule.

CAD-IT implements Factorise for high-volume food and beverage production: batch traceability, allergen checks and changeover management, without paper slowing down the line.



WHAT FACTORISE DELIVERS ON F&B LINES



28%

faster changeovers

between recipes and SKUs



20%

less product waste

from overfill and failed quality holds



100%

batch traceability

every batch linked to its raw material lot, machine and operator

Why F&B lines lose time, product and confidence

Food and beverage production runs on speed and consistency, yet most plants still manage changeovers and traceability with paper and tribal knowledge.



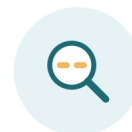
Changeovers go unmeasured

A recipe or SKU switch eats into every shift, and nobody sees the real time lost until the weekly report.



Allergen checks live in a binder

Paper quality and allergen checks can't prove they happened at the moment it mattered, and audits take days.



Recalls expose the gaps

Tracing a batch means three systems and a paper log. In a recall, that's an hour of work versus a week.

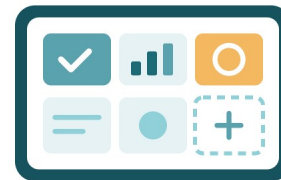


Faster changeovers, provable checks, instant traceability: Factorise and CAD-IT bring it all into one place.

THE TECHNOLOGY

Factorise: the composable MES for F&B

A real recipe engine, not a thin UI. Define a formulation once (steps, ingredients, allergens, CIP) and run it from one operator launchpad.



Changeover management

Guided recipe and SKU switches with a mandatory first-off check.



Line monitoring & OEE

Downtime detected from the PLC and reason-coded into a loss tree.



Batch traceability

Every batch linked to raw material and packaging lots, end to end.



Scrap & quality holds

Startup waste, rejects and rework categorised and tied to the order.



Material management

Live inventory and digital weighing on precision scales.



Shift handover

Each shift starts with the full picture: running, on hold, stopped.

Built on Siemens Mendix

Stand-alone or with SAP / Microsoft Dynamics

Your licence, your environment

THE IMPLEMENTATION PARTNER

CAD-IT: turning technology into results

Software only delivers when it fits your plant. We bring the implementation expertise, integration know-how and F&B sector knowledge to make it work.



01

Prioritise high-impact areas

We target your biggest loss first and prove value in weeks.



02

Configure recipes & processes

Formulations, allergens, CIP and work instructions, configured.



03

Connect your line

Secure OT/IT integration with PLCs, sensors and scales.



04

Sync with your ERP

SAP, Microsoft Dynamics or stand-alone, aligned with planning.



05

Bring operators with you

Role-based launchpads, floor training and go-live support.



06

Grow at your pace

Add SPC, quality and analytics powered by Siemens Insights Hub.

PROVEN IN FOOD & BEVERAGE

Manufacturers including Euro-Caps and Pally Biscuits already run their shop floor on Factorise.

SMARTER MANUFACTURING TOGETHER ///

See what's possible on your lines.

Book a discovery session with CAD-IT.

cadituk.com/factorise-mes