Unifarco Customer Success Story
by X Platform

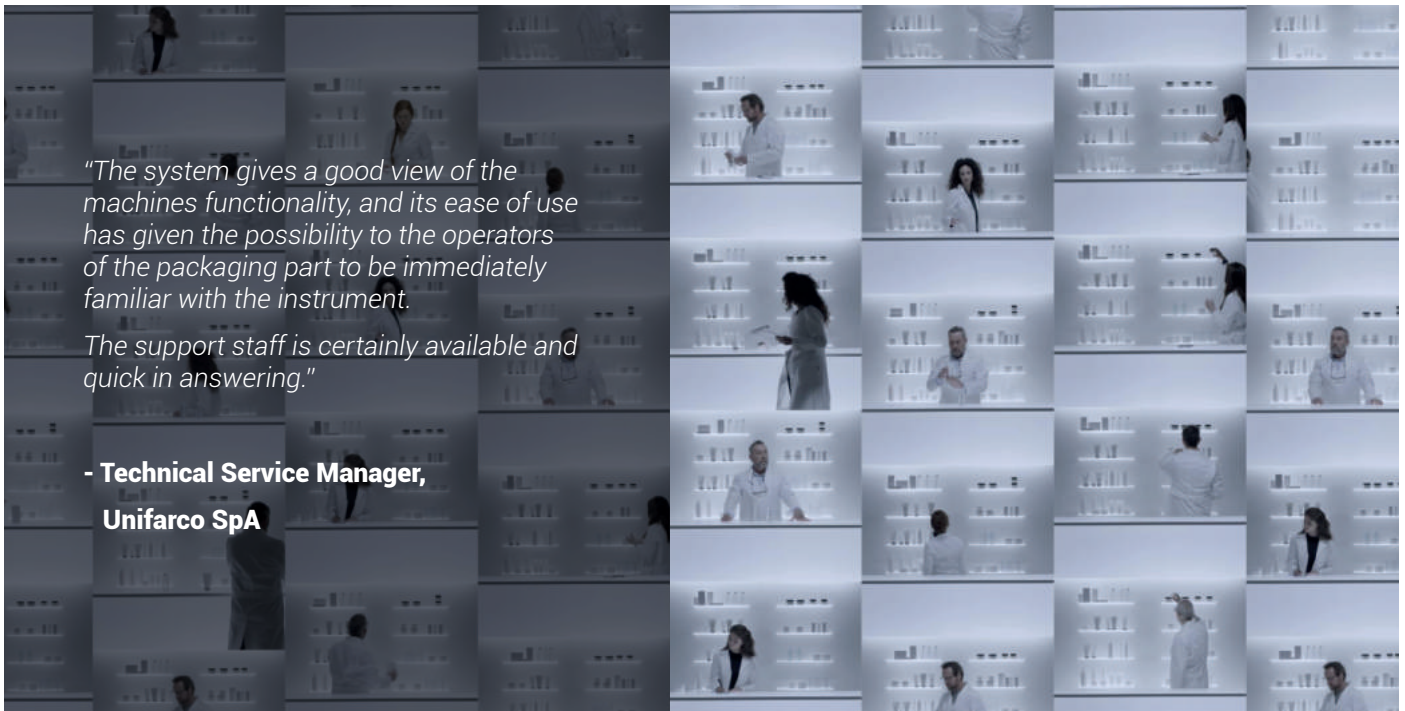**UNIFARCO**
we care for care

Cosmetic production following
the path of digitization:
How data analysis improves results.

"The system gives a good view of the machines functionality, and its ease of use has given the possibility to the operators of the packaging part to be immediately familiar with the instrument.

The support staff is certainly available and quick in answering."

- Technical Service Manager,
 Unifarco SpA

Story Overview

Headquarters: S. Giustina, Belluno, Italy

Sector: Cosmetic and Nutracetic

Employees: 595

Project's machinery number: 50

Project start year: 2019

X Platform: HMI & IPC + Edge Visualization + Lean Machine Analytics

Project Summary

X Platform employed to Unifarco spa case: a controlled production chain, along with a focus on customers and optimized distribution, serve as the foundation for achieving success.

## Unifarco's challenge:
a product-service system

The objective of the digitization project is to make the production process more **effective and efficient** by applying integrated **Lean methodology and the latest technologies in the field of Industry 4.0.** The departments involved have primarily been bulk production and packaging.

The points of convergence with customer requirements, identified as potential areas for optimization and addressed through interventions, are **primarily related to the operational functions of the machinery:**

- Automatic acquisition of machine times and operational states of the production line

- Production digitization with management system integration

- Monitoring and data collection of the production process and subsequent archiving

- Line digitization: communication between operator, maintenance personnel, and production manager

- Elimination of paper and visualization of Lean process indicators

Unifarco's Solution: Digitization

Production lines real time control: ensuring accurate monitoring, adjustment, and optimization of process parameters and production line operations.

Data Storage: establishing organized and secure repositories to store any types of information, facilitating easy access.

Capture Data for Continuous Improvement: enabling informed decision-making.

Fluent Communication Between Departments: promoting seamless and effective exchange of information among different sections of the organization,
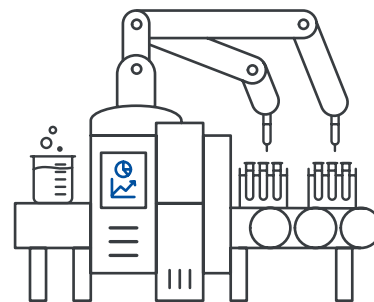
Our Technology: X Platform

Hardware

Gateway eXware703: Data analysis and collection at the edge. Transfer of reworkings to HMI Dashboard.

Accessory PLIO06/PLIO03: Refinement, enhancement and extension of gateway communication channels.

Software

Runtime Software JMobile: license uploaded on eXware703.

Applications

Collect&Analyze and Flash Meeting by Digibelt:

1. BackOffice Control: Centralized Configuration and Monitoring
2. Bidirectional communication between SAGE X3 and Digibelt systems for managing closed and incoming orders
3. Visualization of KPIs on dedicated Dashboards
4. Parameter adjustment suggestions to improve Overall Equipment Effectiveness (OEE)

X Platform Results

99,8%
Paperless

>30%
Productivity increase

+10%
OEE percentage points increase

Your Challenge, Your Solution, Our Technology

EXOR **JMobile®** **CORVINA** **ONE**

DIGIBELT **Next-Stel Solutions** **AXEL** **FACTORYAL**

Keep in Touch!

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