Convenience Process Solution

Software for enhanced efficiency, traceability, and product quality

The Convenience Process Solution is powerful software designed to optimize processes like forming, coating, frying, cooking, and freezing, ensuring your convenience products meet exact specifications and safety standards. Available in three tiers: Standard, Advanced, and Premium*, it provides data-driven production insights that support better decision-making, consistent product quality, and full traceability. With paperless quality control and seamless changeovers, the Convenience Process Solution keeps your operations running smoothly and efficiently.

How does the Convenience Process Solution work and what are the benefits?

Data-driven insights enhance decision-making
Dashboards provide real-time visibility into key performance indicators like throughput, yield, quality, and equipment status, enabling fast and well-informed decisions. Detailed reports reveal patterns over time, so you can identify more opportunities to improve efficiency and profitability.

Full traceability and compliance
Comprehensive traceability of input materials and final product registrations enable your company to meet both customer and regulatory demands. This ensures compliance with industry standards, simplifies processes such as audits and recalls, and helps maintain customer trust.

Paperless quality control (QC)
Fully digitalized quality control processes ensure accurate and efficient data collection. By reducing reliance on manual data entry, the software minimizes the risk of human error and significantly reduces working time spent on these tasks.

Superior product quality, consistency, and yield
User guidance and recipes with effective ingredient control ensure product quality, consistency, and yield. The software also helps maintain a controlled production process and links product quality data with process data, enabling quick resolution of any deviations from specifications.

*The three tiers of the Convenience Processing Solution provide different levels of functionality:

Standard; Tier focuses on monitoring, allowing tracking, tracing, and quality control.
Advanced; Tier offers in-depth insights, providing real-time and historical data visualizations through dashboards and run charts.
Premium; Tier enhances guidance, where operators receive instructions for machine setups, automatic program changes, and extended quality control processes when non-conformities occur.
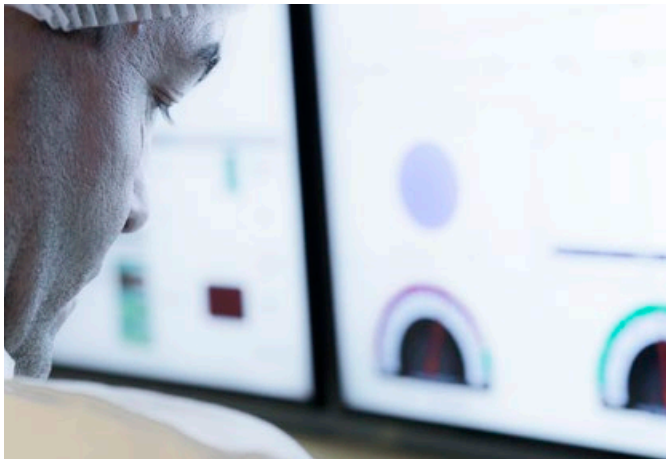
Minimizes labor dependency and human errors
User guidance reduces the need for skilled labor while improving working conditions for your employees. Moreover, by minimizing manual data entry, it reduces the risk of errors and supports overall production efficiency.

Swift product changeovers
The software ensures swift product changeovers by streamlining transitions between different production processes. This maintains high performance and operational efficiency even in fast-paced production environments.

Who will benefit from using this software?

General Manager
- Support your company's digital transformation, staying future-ready for digitalized food processing.
- Protect your brand with robust traceability and quality assurance processes.
- Improve overall efficiency with real-time visibility of data-driven insights.

Production Manager
- Make data-driven decisions and improve control over production processes.
- Minimize yield losses and enhance profitability with detailed insights into every stage of production.

Quality Control Manager
- Strengthen food safety with complete traceability and robust data collection throughout production processes.
- Simplify regulatory compliance, ensuring adherence to food safety regulations while streamlining audits and recalls.
- Meet customer expectations by delivering high-quality, highly consistent products.

Operators
- Improve control over forming, coating, frying, cooking, and freezing processes, reducing manual work and errors.
- Save time by streamlining production processes, improving accuracy and efficiency.
- Access real-time data and operational guidance, ensuring seamless execution of production tasks and reducing the likelihood of mistakes.

Software solutions empower data-driven decision-making that drives profitability and scale to adapt to your needs.

TRANSFORMING FOOD PROCESSING

marel.com