

Process Control

Measure and monitor quality and compliance in real-time for actionable insights

Novolyze's Process Control is a cloud-based service offering for validation and food safety and quality processes at the forefront of digitalization featuring dynamic monitoring, batch-specific compliance certificates, and real-time process optimization.

Benefits

- | Provide evidence of compliance at any time
- | Minimize rework and reprocessing
- | Ensure traceability and audit-readiness
- | Correct deviations in near real-time
- | Reduce plant downtimes

Are your safety processes optimized for performance?

Digitalization of process control creates a strong opportunity to streamline the validation, verification, and monitoring activities for process preventive controls. Novolyze provides a wide range of functionalities associated with process controls.

Thermal Processes

Sterilization, pasteurization, roasting, dryers, extruders, ovens...

Chemical Treatment

EtO, PPO, paracetic acid, and ozone...

Non-Thermal Processes

SHPP, UV, infrared, RF/microwave...

It's time for a new approach

Novolyze's proprietary algorithms enable real-time process optimization, dynamic monitoring and notifications, resulting in faster decision-making and reduced downtimes. Digitalization of process controls has significant positive impacts on operational efficiency.



Improved Quality



Energy Use Reduction



Higher Yield



Water Use Reduction



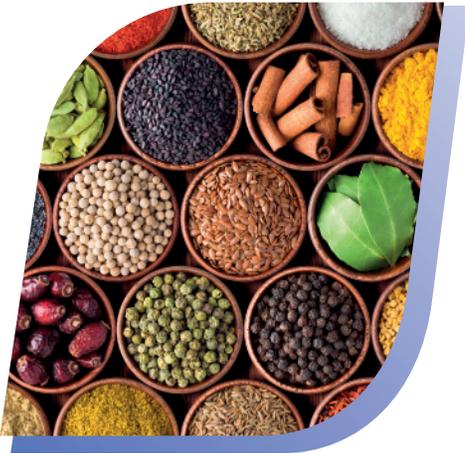
Dynamic Monitoring



Improved Productivity

Novolyze Solutions

Novolyze offers comprehensive solutions for Turnkey Food Safety, Value Assessment and Environmental Monitoring.



SMART Validation

A unique end-to-end validation solution featuring process control and product grouping strategies with best-in-class technology resulting in traceability and higher quality products due to optimized treatment steps.

Value Assessment

A science-backed analysis of your food safety and quality processes designed to demonstrate the expected impact and benefits of digitalization

Environmental Monitoring

A holistic digitalization program that uses a data-driven approach to unlock the true value of Environmental Monitoring enabling faster decision-making and increased efficiency



As a food pasteurization services provider, we accept only the highest standard in food safety. We have been using Novolyze’s suite of process validation and verification services for several years now. Their unique and integrated approach to HACCP offers a complete and simple solution so that we can offer premium service and food safety guarantees to my customers.

De Vrij Quality Solutions



About Novolyze

Founded in 2012, Novolyze empowers food and beverage companies to enhance food safety and quality performance through digitalization. The company was created with the ambition to invent a novel way to envision food safety and quality, which relies less on finished product testing and leads to superior positive impacts in environmental sustainability, yield, and production.

Are you ready to find out more?

Contact Us

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