

## Smart Validation

# Modernize your process validation practice with a proven, science-based solution

Novolyze Smart Validation is a cloud-based solution focused on process control and validation featuring dynamic monitoring, batch-specific compliance certificates, and real-time process optimization.

### Benefits

- | Prove that pathogens were neutralized
- | Deliver evidence of compliance at any time
- | Protect your brand by reducing your risk to recalls
- | Implement corrective actions in real-time

## Are your validation processes audit-ready?

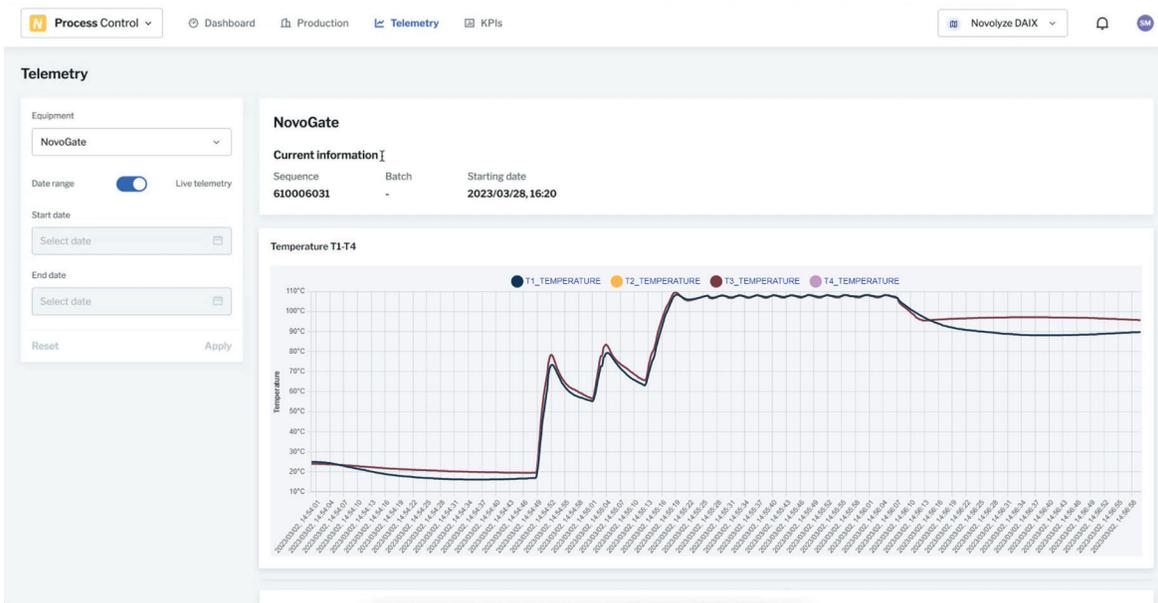
Process preventive controls are critical to ensuring food safety, however until now approaches to validation, verification and monitoring have not been standardized. For companies keeping up with the regulatory environment and consumer demands, process validation can take a lot of time and resources.

## It's time for a new approach

Smart Validation enables food companies to validate the level that their manufacturing processes are compliant to regulatory food safety programs. Once the processes are validated, manufacturers can integrate this information into an overall strategy incorporating verification, monitoring, and control. Smart Validation provides best-in-class technology with a single lens view of the process, resulting in traceability and higher quality products due to optimized treatment steps. Novolyze solutions have been deployed globally in the Food & Beverage industry and utilize various pathogen treatment methods to provide optimization through Smart Validation.

## How does it work?

- Identify the relevant treatment steps for validation
- Data is acquired in real-time at the processing site
- A Novolyze process authority coordinates the validation study (surrogate or modeling)
- Novolyze implements real-time verification algorithms into the cloud
- Each batch is fully analyzed for pathogen reduction in real-time
- Deviations or under-processing areas are identified along with the corrective action
- Batch records are digitally traced with one tamper-proof certificate for each processed batch
- CAPAs are managed in the cloud to expedite remediation and augment traceability and compliance



## Novolyze Solutions

Novolyze offers comprehensive solutions for Process Control, Environmental Monitoring, and Sanitation Control.



### Process Control

Patented science based digitized compliance solutions for process control that encompass all parameters in one program, including validation, verification, and dynamic monitoring



### 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



### Sanitation Control

A groundbreaking approach to elevating your cleaning & sanitation programs that leverages digital transformation with exclusive food safety products and services

## 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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