

Environmental Monitoring

Unlock the value of your Environmental Monitoring Program and always make data-informed decisions

The Novolyze Environmental Monitoring solution is designed to help digitalize all your Environmental Monitoring programs including pathogen monitoring, hygiene monitoring, allergen management and others, all in one place.

Benefits

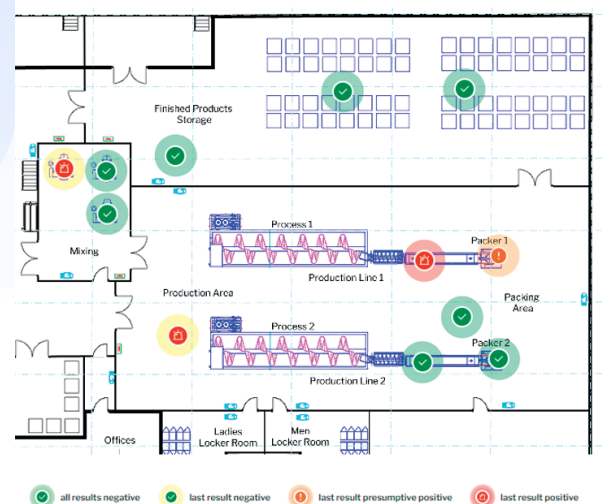
- | Manage sample data in one place
- | Detect deviations and remediate faster
- | Assess the effectiveness of cleaning and sanitation procedures
- | Increase traceability and audit-readiness
- | Reduce paper-driven processes

How are you ensuring the effectiveness of cleaning and sanitation in your facilities?

Environmental Monitoring (EM) is used in facilities that produce ready-to-eat (RTE) foods to assess how effectively your plant is being cleaned. This activity generates a large amount of data coming from various sources, including manual entries that are time consuming and prone to errors, excel files, internal or 3rd party lab results, etc. The heterogeneity of your data makes it difficult to consolidate everything into one single source of truth, and often requires additional manual work to make an informed decision, to analyze and compare results from different time periods or between your sites and to implement an effective CAPA management. How can you unlock the true value from your EM data? The answer is digitalization of your environmental monitoring data to turn it into actionable insight.

It's time for a new approach

Novolyze Environmental Monitoring solution digitalizes your Environmental Monitoring process from sample collection planning to result analysis and CAPA management. All your EM results are observable from the plant layout, uncovering potential contamination hazards and blind spots. Your organization can easily measure the performance of its cleaning and sanitation programs against objectives, track and investigate deviations faster, limiting plant downtimes, and compare results in time and between plants to learn from past events or identify best practices.



Key Features



Data Visualization

Digitization of your plant layout to easily identify trends for greater insight. Dynamic visualization identifies positives, negatives, presumptive positives or pending of sample points for a wide range of filterable risks and results on map. Dynamic Heatmaps display specific trends over desired periods of time indicating where advanced results analysis or schedule actions may be required.



Scheduling & Analytics

Control plans design and randomization features allow to schedule automated sampling campaigns. Interactive calendars link all data necessary to control and manage sampling processes easily and efficiently. Direct links to Sampling Points and Sample Details help users quickly and intuitively ascertain whether a sample has been collected and the legitimacy of collection.



KPI Management & Dashboards

KPI definition and tracking, with filters including buildings, hygienic zoning, types of tests or equipment. Highly customizable dashboards provide a centralized and optimized visualization of your Environmental Monitoring programs.



CAPA Management

Ticket and action creation directly from test results for optimal traceability. Filtering by priority, due date, or owner for robust piloting of CAPA. Template of actions can be added to any ticket, providing users flexibility on how and when action sequences are associated to issues.

Novolyze Solutions

Novolyze offers comprehensive solutions for Process Control, Sanitation Control, and Value Assessment



Process Control

Turnkey compliance solutions for process control that encompass all parameters in one program, including validation, verification, and dynamic monitoring



Value Assessment

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



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.

Over 20 of the world's top 100 food companies now use a Novolyze solution or product to help mitigate risks, ensure compliance, augment plant performance, and increase sustainability.

Are you ready to find out more?

Contact Us

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