

Roadmap

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CTO



Our Mission

To transform the consumer-packaged goods industry with end-to-end Product Lifecycle Management and Compliance solutions

- › Global product development, regulatory compliance, quality management and innovation management software solution leader across the industry.
- › Deliver high value solutions with data and AI-powered product life-cycle management solutions that drive revenue growth and operational excellence.

The following roadmap is subject to change.

Addressing business challenges in process industries

Quality & Compliance

Challenge

Achieving regulatory compliance while increasing profitability and competitiveness.

Transformation

Embedding compliance and quality into every product lifecycle stage.

Outcome

Full control of products, intermediates, raw-materials, manufacturing, and compliance.

Development & Manufacturing

Challenge

Rising R&D costs, long product development projects and complex manufacturing processes.

Transformation

Re-evaluating and transforming processes and prioritizing the innovation portfolio.

Outcome

Improve operational excellence and time-to-market.

Transforming the Value Chain

Challenge

Market demand requires leaders to adopt new business models with adaptive and distributed supply chains.

Transformation

Execute the value chain as one integrated whole, including collaboration and integration with suppliers, partners, digital channels.

Addressing business challenges in process industries

Supply Chain Reliability

Challenge

A growing competitive advantage for all players. Manufacturers must rise the meet the challenge.

Transformation

Increasing opportunities for manufacturers with the ability to quickly respond to changing market conditions.

Reformulation of Product Portfolio

Challenge

Rising health-consciousness and changing consumer preferences (i.e. meat-free & veganism, unique and high-quality ingredients, clean labels, product personalization) and pressure on product margins and supply chain issues, require companies to undertake large and continuous reformulation efforts.

Data & Knowledge Management

Challenge

As organizations grow, essential data often becomes isolated within departments. This can inhibit innovation, like adoption of AI, and increase the risk of error. By connecting systems, people, and data in an integrated, virtual ecosystem, innovators are given the information they need to make the best decisions at the right time.

The background of the slide is composed of a grid of squares in various shades of green and blue, some of which are semi-transparent, creating a layered, mosaic-like effect.

Looking ahead

Highlights

Selerant / Trace One CPG Business Platform

Supplier

- Ingredients

Manufacturer

- Product and Formulation Development
- Product Data Management
- Innovation Project Management
- Regulatory Compliance
- Collaboration Portal
- GS1 / Data Syndication



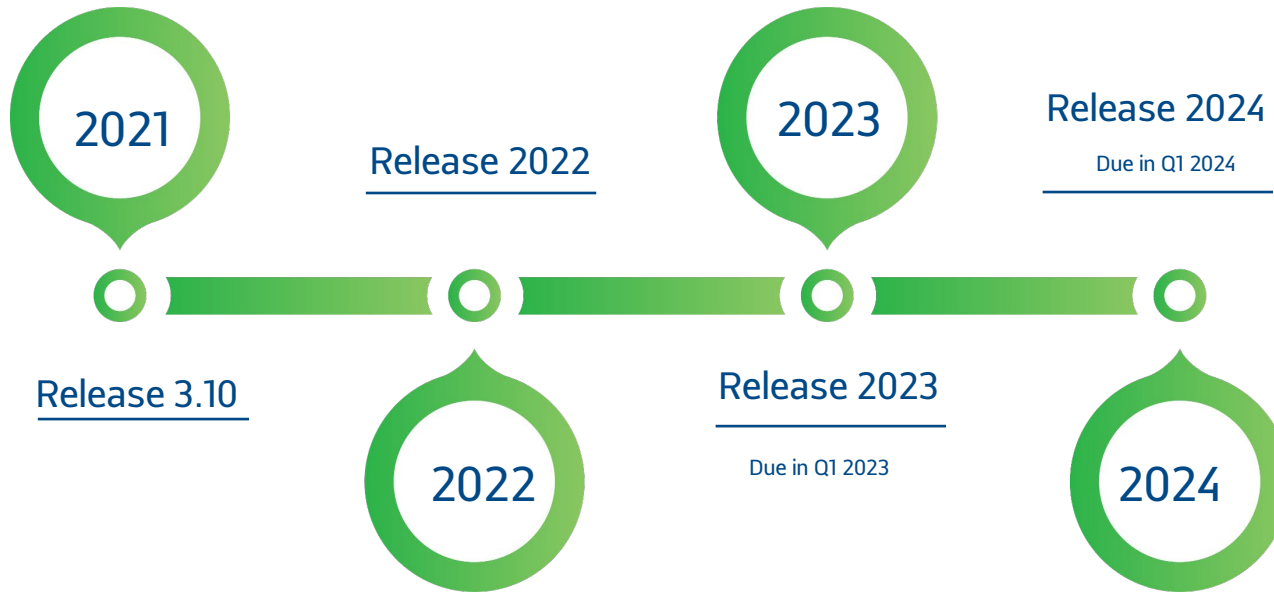
Retailer

- Marketplace
- E-sourcing
- Quality Portal
- Insight
- Retail PLM



Supply Chain Data & Process Integration

Major release timeline



Interim "feature" releases (LTS/STS)

Innovation overview 2022-2024

Food & Beverage, Cosmetics, Chemicals



Infrastructure and Cloud

Improve Total Cost of Ownership and Scalability

- Automated unit testing of customer unique application configuration
- Improved Upgrade Tool
- Distributed caching
- Dynamic vertical and horizontal scalability in Selerant cloud

2023

- .NET Core

2024

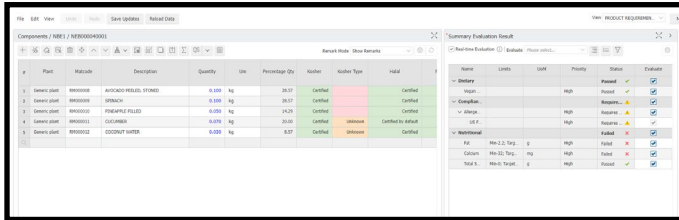


Looking ahead in Product Development with AI

Requirements Driven Formulation Add-On

2022+

Enables the Product Developer to evaluate in real time the product against pre-defined set of product requirements.



The screenshot displays a software interface with two main panels. The left panel, titled 'Components / NRE / NRE000043001', contains a table with columns: #, Part, Material, Description, Quantity, UoM, Percentage Qty, Supplier, Supplier Type, and Valid. It lists four components: 1. Green plant (NRE000008) - AUTOMATIC RELEASE SYSTEM, 2. Green plant (NRE000009) - SPRINGS, 3. Green plant (NRE000010) - FINGERPRINT SILED, and 4. Green plant (NRE000011) - LOCKER. The right panel, titled 'Summary Evaluation Result', shows a table with columns: Name, Units, Unit, Priority, Status, and Evaluate. It lists three items: 1. Green plant, 2. Green plant, and 3. Green plant, each with a status of 'Failed' and a 'Pass' button.

#	Part	Material	Description	Quantity	UoM	Percentage Qty	Supplier	Supplier Type	Valid
1	Green plant	NRE000008	AUTOMATIC RELEASE SYSTEM	0.000	Ng	25.57	Certified		Certified
2	Green plant	NRE000009	SPRINGS	0.000	Ng	25.57	Certified		Certified
3	Green plant	NRE000010	FINGERPRINT SILED	0.000	Ng	24.53	Certified		Certified
4	Green plant	NRE000011	LOCKER	0.000	Ng	20.00	Unknown		Certified by status

Name	Units	Unit	Priority	Status	Evaluate
1. Green plant			High	Failed	Pass
2. Green plant			High	Failed	Pass
3. Green plant			High	Failed	Pass

Cognitive computing for formulation

2024+

Provides manufacturers with a competitive advantage, facilitating more efficient product formulation development processes and lowering costs.

AI that leverages both historical data & domain expert knowledge to:

- Provide hundreds of optimal, viable candidates in minutes that meet target requirements, accelerating time-to-market
- Identify best-performing & most economic combinations, optimized with respect to material cost
- Deep-dive into formulation recommendations with evidence-rich audit trails, increasing confidence in predictions & lowering risk of failure

User Experience

Process Designer

2022+

Usability improvements to make the Business-friendly designer to allow automating more processes with ease of use

Report Configurator

2023

End users will be able to selectively choose what to print/show in a Navigator regardless of its scope and standard templates would be generated on the fly



Looking ahead in Regulatory Compliance

Beauty & Cosmetics

- Gather and sort for regulatory substances and ingredients used in the cosmetics industry.
- Monitor changing regulations worldwide
- Focus on EU (2022), US and Asia (2023)

Dashboard / Horizon Scanning

- Monitor changing regulations worldwide
- Identify early risks and provide warnings
- Gather, sort, and optimize content for regulatory and automate, based on customer own formulation and raw-material portfolio

Thank you!

