Food Safety & Traceability

EcoStruxure™ enables trust in the Food & Beverage, Household and Personal Care industries

Life Is On | Schneider Electric

Our mission is to be
your digital partner for Sustainability and Efficiency

Internal

Life Is On | Schneider Electric

Rethinking next generation industries:
business resilience and sustainability performance for lifecycle integrated management

Life Is On | Schneider Electric

We help on every step of the value chain

Efficient facilities
Safer, more available, and greener resources

Resilient supply chain
Manage complexity and improve visibility

Agile manufacturing
Boost manufacturing flexibility & efficiency

Life Is On | Schneider Electric

… enabled by transversal digital transformation capabilities

Food Safety & Traceability
Ensure compliance and increase trust across the whole value chain

Energy & Sustainability
Reduce environmental footprint and meet sustainability goals

Asset Performance
Maximize return on asset investment

Workforce Empowerment
Take teams efficiency to the next level

Digital Engineering
Cut time, cost and risks of capital project engineering

Life Is On | Schneider Electric

Ensure compliance and trust across the product life cycle

Manage your suppliers

Get visibility into your entire suppliers's network, check their compliance and identify your risks

Build a **credible** Value Chain

Digitize your compliance

Automatically document evidence of proper operation using digital tools and workflows

Up to **75%** time reduction in compliance

Reinforce your Food Defense

Protect your facilities form any unauthorized physical or cyber access

Achieve Best-in-class **defence in depth**

Monitor down-stream logistics

Track and trace products and critical control points to guarantee product safety and protect your brand image.

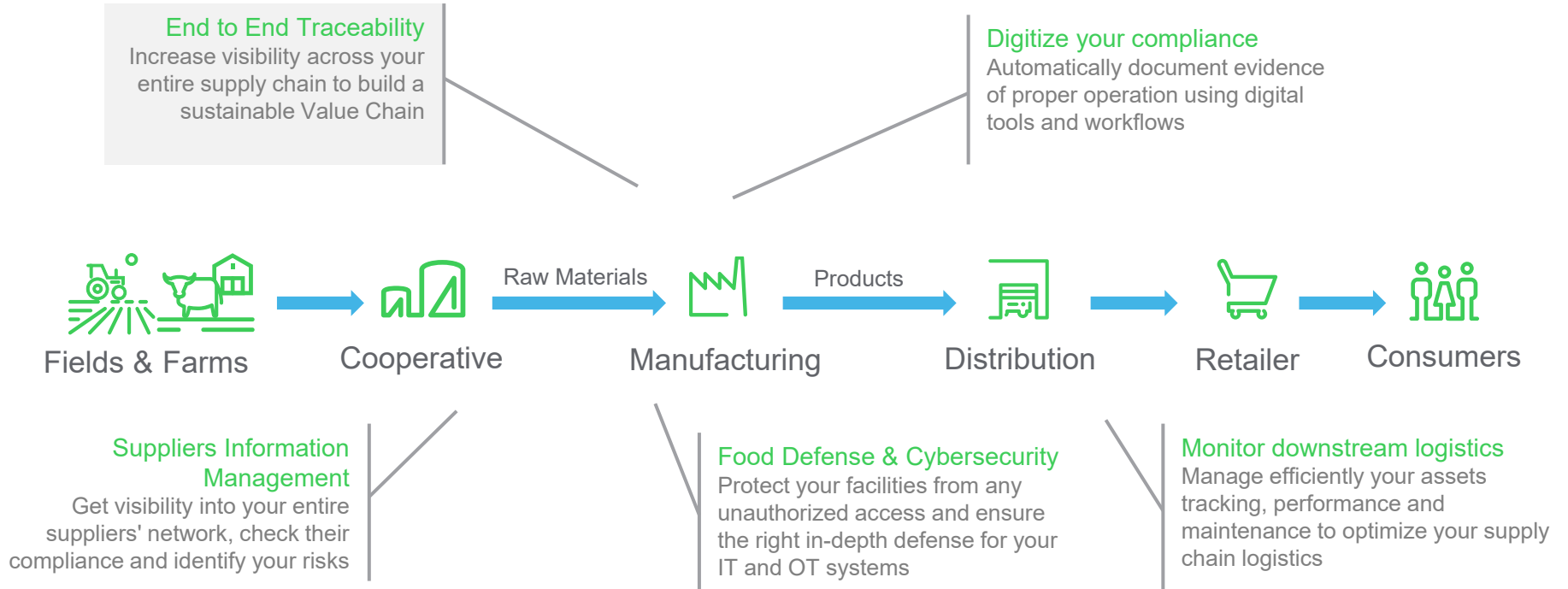Up to **100%** first time good quality

Achieve End to End traceability

Increase visibility across your entire Value Chain, from raw materials to finished goods to improve transparency and trust for your end-consumers.

Ensure **consumer trust**

Life Is On | Schneider Electric

Internal

Food Safety & Traceability

Ensure compliance and trust across the product life cycle

End to End Traceability
Increase visibility across your entire supply chain to build a sustainable Value Chain

Digitize your compliance
Automatically document evidence of proper operation using digital tools and workflows

Fields & Farms → Cooperative → **Raw Materials** → Manufacturing → **Products** → Distribution → Retailer → Consumers

Suppliers Information Management
Get visibility into your entire suppliers' network, check their compliance and identify your risks

Food Defense & Cybersecurity
Protect your facilities from any unauthorized access and ensure the right in-depth defense for your IT and OT systems

Monitor downstream logistics
Manage efficiently your assets tracking, performance and maintenance to optimize your supply chain logistics

Life Is On | Schneider Electric

Internal

Achieve end to end traceability

Increase visibility across your entire supply chain to build a sustainable Value Chain

- **Connect the entire value chain end-to-end**

    Collect and organize siloed data from your suppliers, your production sites and your logistic to get immediate access to information needed to answer questions from your stakeholders, staffs, auditors and customers on your products and practices
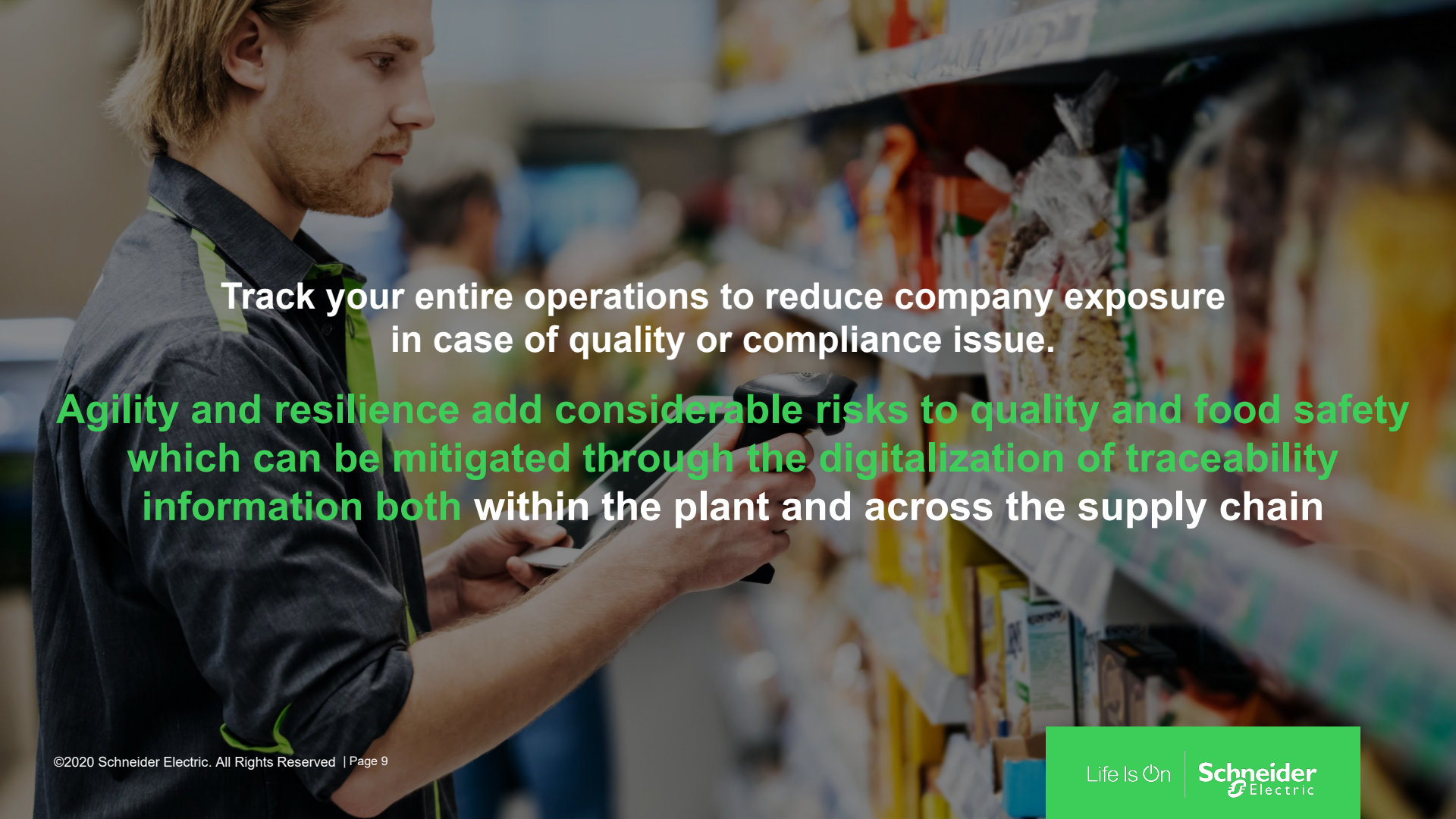
- **Increase visibility to real performance and risks**

    Build a more credible and resilient supply chain and comply to latest standard and regulations, by identifying issues sooner and better estimating the risks associated

- **Enable transparency**

    Provide selected information to end-consumers to increase trust, improve brand loyalty and create a competitive advantage

Life Is On | Schneider Electric

Internal

Track your entire operations to reduce company exposure in case of quality or compliance issue.

Agility and resilience add considerable risks to quality and food safety which can be mitigated through the digitalization of traceability information both within the plant and across the supply chain
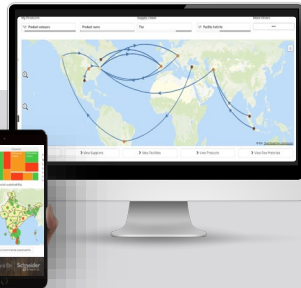
Life Is On | Schneider Electric

EcoStruxure™ Traceability Advisor

A complete suite of Flexible, Open and Scalable solutions

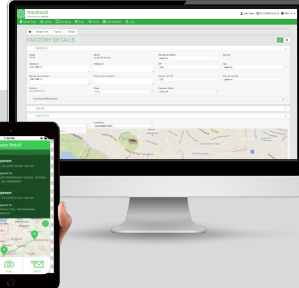GS1® Compliant solution
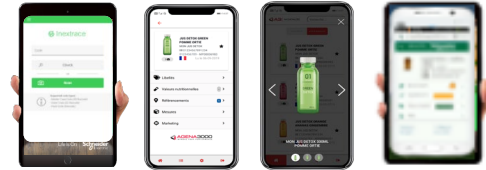
Launch Q3 2021

Origin Module

- Map your suppliers & identify risks
- Check certificates compliance
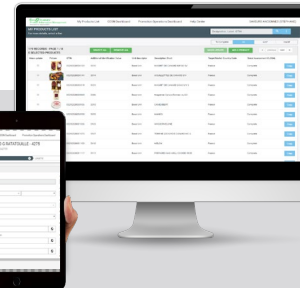- Ensure a credible transparent supply chain
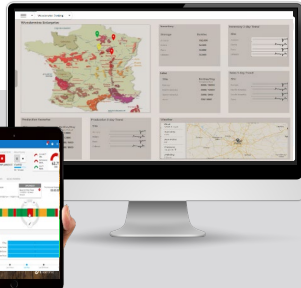
Digital solutions for the plant

- Plant traceability is a prerequisite in this journey
- Paperless solutions for your plant

Track & Trace Module

- Anti-Counterfeiting
- Digital tax verification
- Supply chain optimization
- Events tracking
- Inventory management

PIM Module
Product Information Management

- Your single source of truth and trust for your product data
- Increased data accuracy and availability
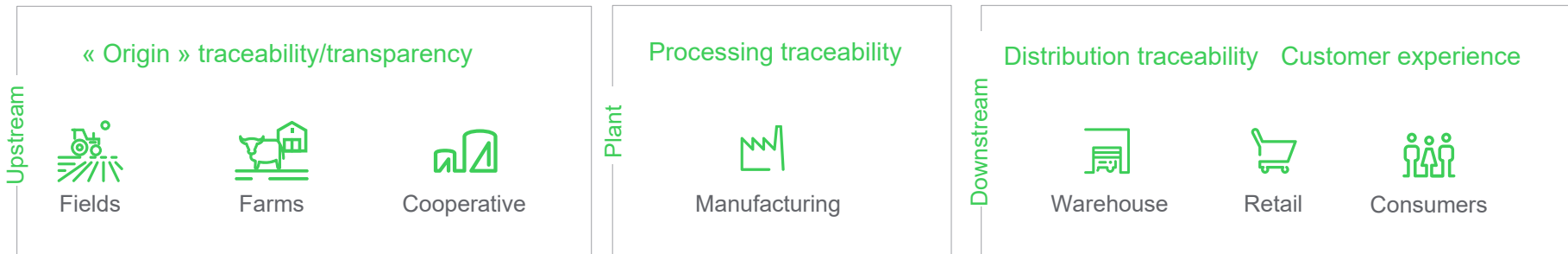- Operational efficiency: reduction in labour costs and time to market
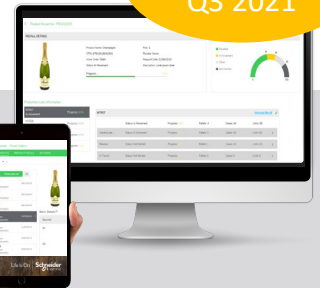
Food Safety Module

- Save time in recalling your products in the supply chain
- Cost savings in product recall batch sizes
- Cost savings on insurance premiums

EcoStruxure Traceability Advisor

Providing End-to-End traceability and transparency solutions across the supply chain

Learn more

« Origin » traceability/transparency

Upstream

Fields

Farms

Cooperative

Processing traceability

Plant

Manufacturing

Distribution traceability   Customer experience

Downstream

Warehouse

Retail

Consumers

MODULAR & SCALABLE

- Based on a set of modules
- Potentially: **Independent or Integrated**
- Start with your **business priorities**
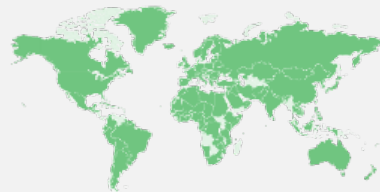- Start Small and Scale fast

OPEN

- **Through API or other technologies**
- Connect your solution Eco-system: ERP, LIMS, WMS…
- **Data model based on Standards (ISA88-ISA95),** Web Ontology W3C
- **GS1** compliant (GDSN, EDI,..)

GS1

GLOBAL

- **Global and worldwide support**
- Common Cybersecurity policies
- Hosting Services (SLA, 24/7…)
- Worldwide footprint in term of : Project Execution, Rollout,…

EVOLUTIVE

- Its' a journey, a **complete digital transformation**
- New components integration : Transportation (cold chain management, CRM (customer relationship), advanced planning / forecasting and **analytics**…)
- Blockchain Technology
- IT and OT Convergence
- Based on our **IOT platform**, Datahub

SE clou

Internal

EcoStruxure™ Traceability Advisor - Food Safety Management

Ensure fast and accurate product recall at the right granularity level

Key Capabilities

Your operational tool providing full real-time visibility on the traceability of your finished goods: efficiently determine the upstream scope of a Food Safety issue

Product Search: Determine which products may need to be withdrawn by deep-diving into product and production data (e.g. product information, equipment data, ingredients data)
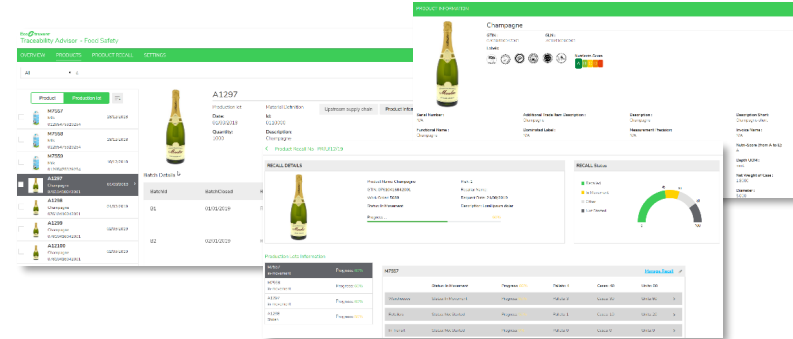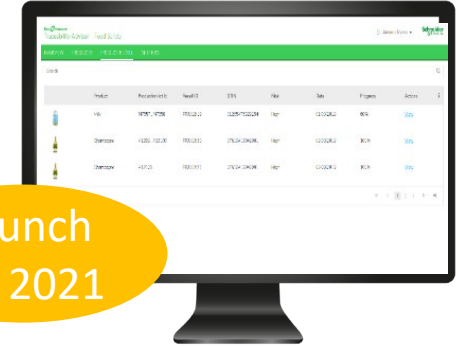
Product Investigation: Identify where incriminated products are in the downstream supply chain by leveraging product lots, batch information and unique identity numbers at the desired granularity level (Pallet, Carton, Box, Item and Batch)

Product Food Safety Metrics: Identify which partners to contact, where the products are located, and what is the completion status of the Food Safety incidents
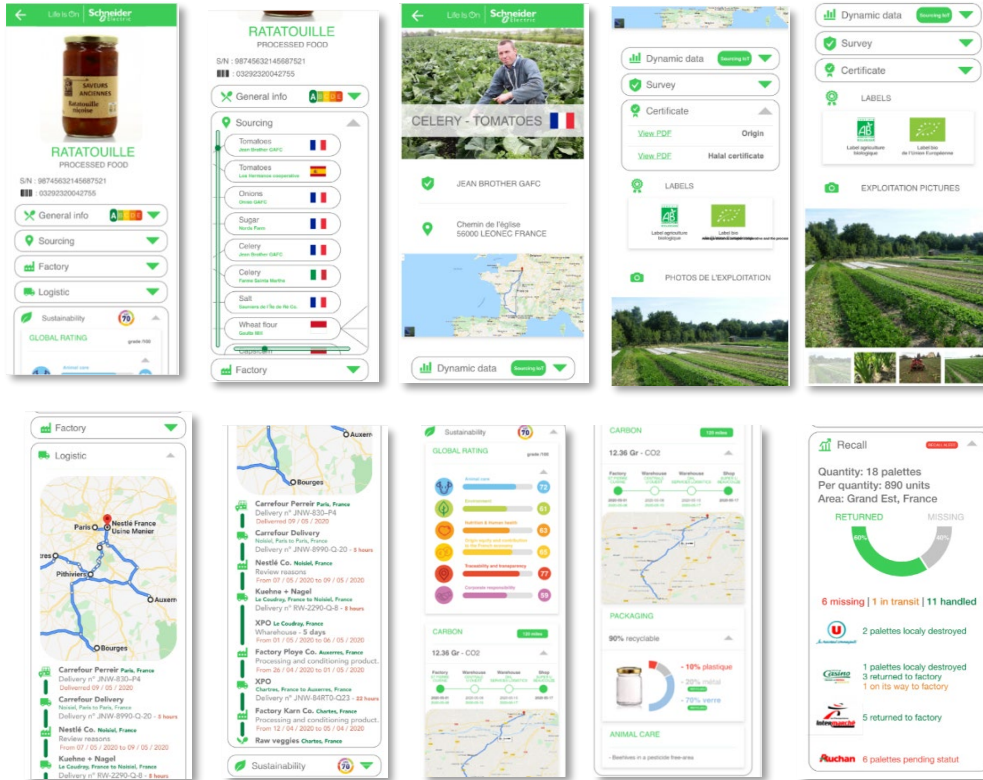
Eco**struxure**™
Traceability Advisor - Food Safety

Launch
Q3 2021

Learn more

Life Is On | Schneider Electric

Internal

EcoStruxure™ Traceability Advisor- App

Connecting the entire Value Chain into a single App

See 3D demo

Internal

Manage Food Safety & Traceability

Ensure compliance and increase trust across the whole value chain

- Manage your calibration process digitally to streamline operations and ease audits.

- Manage your manufacturing process in a paperless way and document automatically evidences of good manufacturing practices.

- Implement Food Defense with proper access control & cybersecurity protection.

- Track and trace raw materials and products across the whole supply chain to increase transparency and protect your brands.

- Monitor cold chain to guarantee product safety.

Let's engage in this journey!

Up to 99% quality data collection time

Up to 75% time reduction in compliance to regulations.

Up to 97% quality control time reduction.

Life Is On | Schneider Electric

Discover our customer's journey to End-to-End Traceability

Cracking digital for An End-to-End
Traceability Journey with Danone

Watch the video   Read the blog

Food Safety & Traceability

Ensure compliance and trust across the product life cycle

End to End Traceability
Increase visibility across your entire supply chain to build a sustainable Value Chain

Digitize your compliance
Automatically document evidence of proper operation using digital tools and workflows

Fields & Farms → Cooperative → Raw Materials → Manufacturing → Products → Distribution → Retailer → Consumers

Suppliers Information Management
Get visibility into your entire suppliers' network, check their compliance and identify your risks

Food Defense & Cybersecurity
Protect your facilities from any unauthorized access and ensure the right in-depth defense for your IT and OT systems

Monitor downstream logistics
Manage efficiently your assets tracking, performance and maintenance to optimize your supply chain logistics

EcoStruxure for Food & Beverage / CPG

Agile manufacturing
Boost manufacturing flexibility and efficiency

- Manufacturing Operation Management
- Industrial Information Management
- Process Control System
- HMI and data Integration
- Process Automation
- Packaging Automation

Efficient facilities
Safer, more available, and greener resources

- Smart Building Management
- Power Safety & Availability
- Power Quality & efficiency
- Renewable Energy & Microgrids
- IT Infrastructure Management

Resilient supply chain
Manage complexity and reduce logistics costs

- Agriculture Efficiency & Sustainability
- Suppliers Management
- Supply Chain Optimization
- Cold Chain Monitoring
- Product Information Management

Food Safety & Traceability
Ensure compliance and trust across the product life cycle

- Food Defense
- Cybersecurity Services
- Digital Calibration
- Raw material traceability
- Production traceability
- Product Identification & Tracking

Energy & Sustainability
Reduce footprint and meet sustainability goals

- Sustainability Consulting
- Energy Demand Services
- Strategic Energy Sourcing
- Enterprise data management
- Energy as a Service

Asset Performance
Maximize return on capital expenditure

- Assessment and Consulting
- Enterprise Asset Management
- Condition Monitoring
- Predictive Analytics
- Line & Process Optimization
- Modernization services

Workforce Empowerment
Improve staff knowledge, productivity and collaboration

- Operator Training Simulator
- Augmented & Virtual Reality
- Workflow Management
- Staff Schedule Management
- Operator Knowledge Sharing

Digital Engineering
Cut time, cost and risks of capital project engineering

- Electrical CAD
- Building Information Modelling
- Integrated Engineering-Design
- Digital Asset Visualization

Let's talk about
EcoStruxure™
for Food & Beverage

Life Is On | Schneider Electric