

DIGITAL PROCEDURES MANAGEMENT SYSTEM

Digital, guided and configurable management of operational procedures.

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Procedure Preview

Procedure Name	Procedure ID	Associated Order	Item	Activity selection	
LCV1 - Jam 3	16	N25002369		LCV Depal	LCV Jam Doser
				LCV Labeller 1	LCV Palletizer 1

Zone dosage

Components

Requirements

Check

Start Order	Line emptying from previous order	Confirm execution: <input type="checkbox"/>	30 min	
End Order	Dosage washing	Select value from dropdown	30 min	
Every Batch	Capper steam temperature	Min value: <input type="text" value="150"/> Max value: <input type="text" value="156"/>	30 min	
Consumables	Capper steam pressure	Min value: <input type="text" value="0.5"/> Max value: <input type="text" value="1"/>	30 min	
Event	Confirm jar code	"Octagonal" JAR 314ml Confirm execution: <input type="checkbox"/>	30 min	
Inherited	Hot zone tunnel parameters for jars 1	610±10 Min value: <input type="text" value="84"/> Max value: <input type="text" value="86"/>	30 min	

Digitise, execute and monitor every procedure from the first to the last step.



CREATION OF DYNAMIC GUIDED PROCEDURES with operation chains that automatically adapt to the order and operational requirements.



INTEROPERABILITY WITH EXISTING SYSTEMS such as ERP, MES and other third-party software.



ABILITY TO ATTACH DOCUMENTS such as photos or specific work instructions, to operations, tasks and procedures.



ADVANCED TIMING MANAGEMENT and deadlines, with operations triggered based on specific parameters such as time, status or the outcome of other operations.



CUSTOM ALERTS FOR EVERY STEP OF THE PROCESS to notify users of upcoming deadlines, negative results or other critical situations, via the system and by email.



OPERATION MANAGEMENT BY USER AUTHORITY LEVEL to ensure that each operation is validated only by authorised personnel.



TRACEABILITY OF ALL USER-MADE CHANGES: every change to operations and procedures is recorded and logged.

DIGITAL PROCEDURES MANAGEMENT SYSTEM

Digital, guided and configurable management of operational procedures.

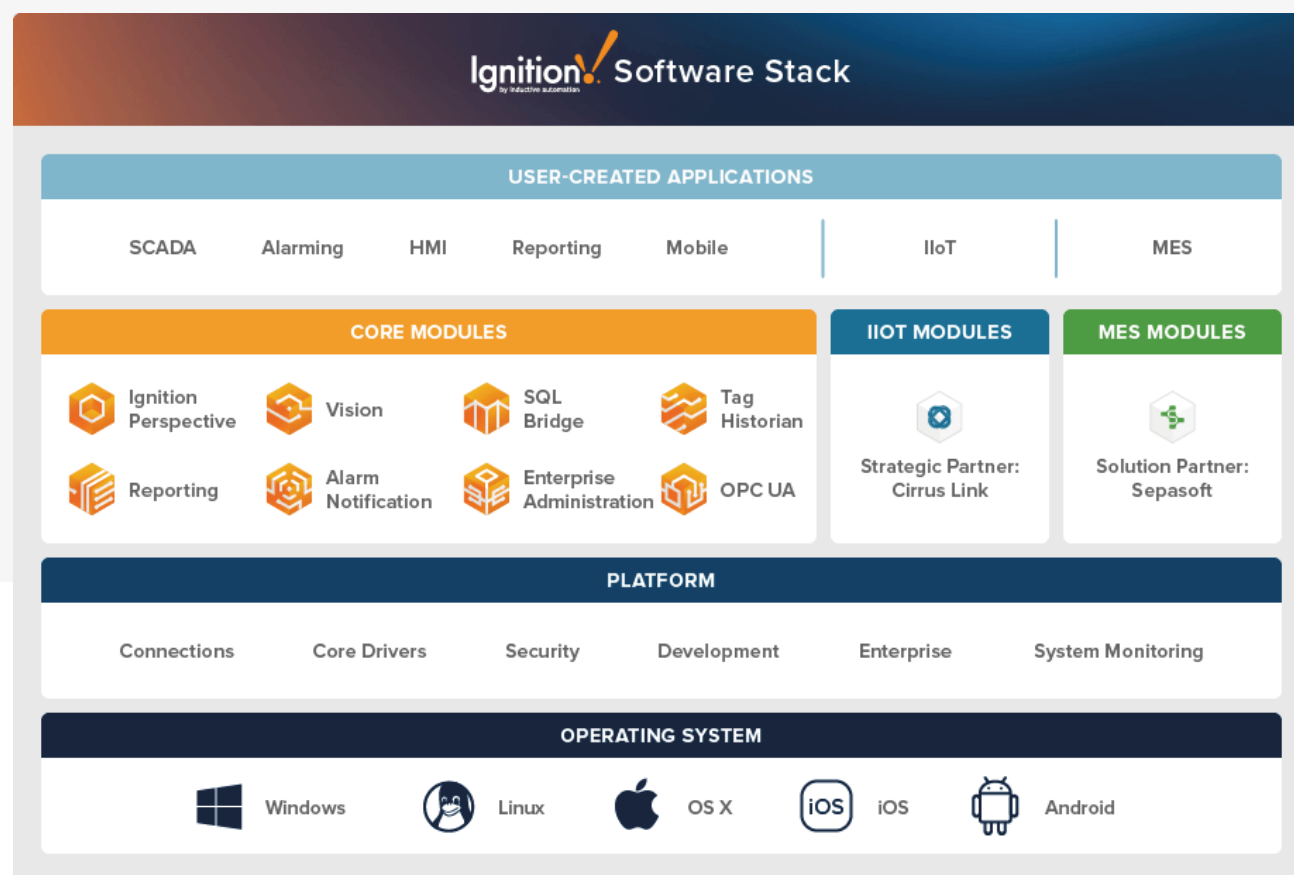
The easiest way to manage complex procedures

The Digital Procedures Management System developed by Eureka System was created to **digitise business procedures while respecting the specific production requirements of each customer.**

We do not believe in a “one size fits all” approach: each project is a **tailor-made software solution**, designed after a thorough analysis of the customer’s business processes, from automation to operations management.

Our Digital Procedure Management System is based on **Ignition**, one of the most globally recognised platforms in the field of automation.

Eureka System is a **Certified Ignition Core and Gold Integrator**, as well as a Premium Partner of EFA Automazione, the official Italian distributor of Ignition (Relatech Group).



A FLEXIBLE SOLUTION, BUILT ON IGNITION

All functionalities are developed on Ignition – a robust, modular platform designed for industrial applications. This allows every procedure to be digitally modelled with maximum flexibility, making field operations guided and interactive.

TRULY TAILOR-MADE CUSTOMISATION

As a development platform, Ignition enables the creation of fully customised solutions, perfectly aligned with the company's needs.

NATIVE INTEGRATION WITH PRODUCTION PLANTS AND BUSINESS SYSTEMS

The system communicates directly with company devices, plants and databases. It is possible to integrate ERP, MES, HMI, SCADA, PLC, and more via native drivers, REST APIs, MQTT, OPC UA, and SQL.

- Home
- Bases
- Orders
- History
- Settings
- Alerts
- Stops
- Procedure
- Suggestions

Edit user data

Username: Carlotta

Name: Carlotta

Surname:

Role: Operator **Supervisor** Administrator

Lines: LCV x SERVICE x LCVP x All

Zones: jars depal x dosage x labeller x palletizer x heating plant x All

Category: All

NFC code: Scan

Enabl. signal: ☒ +

email

Advanced OPERATION configuration

Every stage of every procedure is fully **customisable** – from timing to permissions, from required data fields to attached documents.

Active alerts 8 **Enabled lines** **Enabled zones** **User** NameSurname

Operations

Sorting Order: Alphabetical Operation Type: All Operation Timing: All

Id	182	Edit Info Delete Clone
Id	4	Edit Info Delete Clone
Id	31	Edit Info Delete Clone
Id	14	Alerts Edit Info Delete Clone
Id	56	Alerts Edit Info Delete Clone
Id	33	Edit Info Delete Clone
Id	24	Edit Info Delete Clone

ACCESS CONTROL BY AUTHORITY LEVEL

Assign a minimum authorisation level required to confirm the operation.

Reporting configuration: Brix

Report on positive outcome: Enabled ☐

Report on negative outcome: Enabled ☒
Type of severity: High

Report on expired outcome: Enabled ☐

Cancel Save

CUSTOMISABLE ALERTS FOR CRITICAL EVENTS

Set up automatic notifications for events such as deadlines, errors or process anomalies.

Structured management of TASKS

Organise operations in a logical sequence and define conditions, roles and behaviours with **maximum flexibility**.

TASK ASSIGNMENT BY LINE, ZONE AND SCOPE

Each task can be precisely assigned to a production line, a specific area and a production scope (WP).

The screenshot shows the 'Tasks' management interface. At the top, there are filters for Active alerts (8), Enabled lines, Enabled zones, and User (NameSurname). Below this is a table of tasks. The first task has ID 90, Name ALFA, Line ALF1, and Zone cooking. A red dashed arrow points from this task to the 'Edit Task' modal. The 'Edit Task' modal has a 'Back' button and a 'Save' button. It contains the following fields:

- Name: ALFA
- Description: (empty)
- Review: (empty)
- Add documents: (empty)
- Set line: ALF1
- Set zone: cooking
- Set WP: Quality Control
- Set type: Order
- Add operations: Load mixer, T+ heater mixer, Machine usage, Cooking time in line, Thickeners introduction time
- Operation ID: 187
- Operation Name: Load mixer

On the right side of the 'Edit Task' modal, there is a list of zones with their respective 'Edit', 'Info', 'Delete', and 'Clone' buttons:

- Zone cooking
- Zone doser
- Zone depal jars
- Zone depal jars
- Zone cooking
- Zone depal jars
- Zone palletizer
- Zone doser
- Zone doser

Tasks determine the order of operations to be performed: it is possible to configure simple logical chains or complex conditional dependencies.

Centralised management of PROCEDURES

Orders, recurring tasks and scheduled checks: all under control within a single interface.

PROCEDURES LINKED TO AN ORDER

Associated with specific items or production jobs.

The screenshot displays the 'Procedures' management interface. At the top, there are filters for Procedure Name, WP Type (All), Line (All), and Item (All). Below the filters is a table listing procedures with columns for Id, Name, Line, and WP Type. The table shows three entries: Id 18 (LCV1 - Jam 0), Id 14 (LCV1 - Jam 2), and Id 16 (LCV1 - Jam 3). Each entry has 'Edit', 'Info', and 'Delete' buttons. A 'New scheduling' modal is open in the foreground, allowing users to create new scheduled procedures. The modal includes fields for Procedure (HSE - LCV1 - Depalletizer), Repetition type (Weekly), Deadline (Enabled), Deadline (hours) (1), Start time (08:00), Days of the week (M, T, F, S), and an Enabled checkbox. The modal has 'Cancel' and 'Save' buttons. A red dashed arrow points from the 'Procedure' button in the left sidebar to the 'New scheduling' modal.

SCHEDULED PROCEDURES

Programmed according to the calendar or set intervals (e.g. maintenance and periodic inspections).

Cancel
Edit Procedure
Save

Header Procedure

NameLCV1 - Oranges 1
DescriptionJars with front labels and trays with pth and labels

Revision

Choose lineLCV

Choose WPQuality Control

Assign typeOrder

Add taskLCV Depal x LCV Oranges Doser x LCV Labeller 1 x LCV Palletizer 3 x

Id task	Task Name
6	LCV Depal
15	LCV Oranges Doser
17	LCV Labeller 1
22	LCV Palletizer 3

Add items624575 x 618528 x
AllAll singlesCopyPaste

Filter added items

ASSIGNMENT TO SPECIFIC ITEMS

Order-based procedures can be linked to one or more items. When an order containing that item is launched, the procedure is automatically connected and made available.

ve alerts

>

Enabled lines

Enabled zones

User

NameSurname

+

Item

All

WP Type Quality Control	Edit	Info	Delete
WP Type Quality Control	Edit	Info	Delete
WP Type Quality Control	Edit	Info	Delete
WP Type Quality Control	Edit	Info	Delete
WP Type Quality Control	Edit	Info	Delete
WP Type Quality Control	Edit	Info	Delete
WP Type Quality Control	Edit	Info	Delete
WP Type Quality Control	Edit	Info	Delete
WP Type Quality Control	Edit	Info	Delete

Home

Bases

Orders

History

Settings

Alerts

Stops

Procedure

Suggestions

Quick ORDER-PROCEDURE association

Each production order can be automatically or manually **paired with** an operational procedure.

The screenshot displays the 'Order-Procedure Pairing' interface. At the top, there are filters for 'Associated' (off), 'Confirmed' (on), 'Started' (on), and 'Enable dates' (off). Below these are dropdowns for 'Procedure name', 'Item' (set to 'All'), 'Order' (set to 'All'), and 'Line' (set to 'LCV'). The main table lists production orders with columns for Line, Item, Order, and Procedure. A dropdown menu is open for the 'Procedure' column of the first row, showing a list of available procedures including 'Global procedure 1', 'Honey 28g', 'Honey and maple syrup EDEL', 'LCV2 - Jam 1', 'LCV2 - Jam 2', 'LCV2 - Jam 8', 'Pre-operational checks', 'HSE - LCV1 - Depalletizer', 'Min-Max procedure', 'Min-Max sched procedure', 'LCV2 - Jam 2', 'LCV1 - Jam 2', and 'LCV1 - Jam 4'. The 'Editing actions' column contains 'Processing' and 'Preview' buttons. The 'Editing status' column shows a sequence of status buttons: 'Paired' → 'Processed' → 'Created' → 'Confirmed'.

Line	Item	Order	Procedure	Editing actions	Editing status
LCV	067840023	N25002369	LCV1 - Jam 3	Processing Preview	Paired → Processed → Created → Confirmed
LCV	067870017	N25002365	LCV1 - Jam 4	Processing Preview	Paired → Processed → Created → Confirmed
LCV	065820001	N25004194	Pair Procedure		Paired → Processed → Created → Confirmed
LCV	065970001	N25004193			Paired → Processed → Created → Confirmed
LCV	065010001	N25004192			Paired → Processed → Created → Confirmed
LCV	065049001	N25004191			Paired → Processed → Created → Confirmed

Back Procedure Preview

Procedure Name	Procedure ID	Associated Order	Item	Activity selection
LCV1 - Jam 3	16	N25002369		<input checked="" type="radio"/> LCV Depal <input type="radio"/> LCV Jam Doser <input type="radio"/> LCV Labeller 1 <input type="radio"/> LCV Palletizer 1

Zone dosage	Components	Requirements	Check
Start Order	Line emptying from previous order	Confirm execution: <input type="checkbox"/>	30 min
End Order	Logic Inspect - LCV format association	Confirm execution: <input type="checkbox"/>	30 min
Consumables			
Event			
Inherited			

INTERACTIVE PROCEDURE PREVIEW

Before starting a procedure, you can view a complete preview that sequentially displays all included operations and tasks, along with their details.

Back Procedure Preview

Procedure Name	Procedure ID	Associated Order	Item	Activity selection
LCV1 - Jam 3	16	N25002369		<input type="radio"/> LCV Depal <input checked="" type="radio"/> LCV Jam Doser <input type="radio"/> LCV Labeller 1 <input type="radio"/> LCV Palletizer 1

Zone dosage	Components	Requirements	Check
Start Order	Line emptying from previous order	Confirm execution: <input type="checkbox"/>	30 min
End Order	Dosage washing	Select value from dropdown	30 min
Every Batch	Capper steam temperature	Min value: 150 Max value: 156	30 min
Consumables	Capper steam pressure	Min value: 0.5 Max value: 1	30 min
Event	Confirm jar code "Octagonal" JAR 314ml	Confirm execution: <input type="checkbox"/>	30 min
Inherited	Hot zone tunnel parameters for jars 1 610x10	Min value: 84 Max value: 86	30 min

PROCEDURES WITH OPERATIONS LINKED TO SPECIFIC EVENTS

It is possible to configure operations that activate only upon certain events, such as errors, anomalies or the outcome of a previous phase.

The preview allows you to:

- quickly validate the procedure's content before execution;
- verify the correct configuration of operations, timing and dependencies;
- identify any external parameters that still need to be filled in.

TASK management

Search, filter, act: everything under **control** in a single view.

Go to Scheduling

List of Prepared Scheduled Tasks

Active alerts: 8

Enabled lines: 1

Enabled zones: 1

User: NameSurname

Go to Scheduling

Started: ☐ Start period: Today Enable dates: ☐

WP Type: Quality Control Scheduling ID: All Line: All Zone: All

Confirmed Tasks

Line	Zone	Scheduling ID	Task	Procedure	Actions	Execution status
ALF1	cooking	956	Pre-operative tasks Alfa1	Pre-operative checks ALF1	Start	Started → Completed

Started Tasks

Line	Zone	Scheduling ID	Task	Procedure	Actions	Execution status
LCV	cooking	1114	Pre-operative steps doser	Pre-operative checks	Abort End	Started → Completed
LCV	labeller	1114	Pre-operative steps labeller	Pre-operative checks	Abort End	Started → Completed
LCV	palletizer					

SCHEDULED OR ORDER-BASED?

Quickly filter and view tasks linked to production orders or those planned periodically.

START WITH ONE CLICK

Any task ready for execution can be launched directly from this screen, respecting user permissions.

REAL-TIME TASK LIST

See the up-to-date status of all tasks:

- Confirmed
- Pending
- Started
- Completed
- Expired
- Suspended.

Go to Scheduling

List of Prepared Scheduled Tasks for Order

Active alerts: 8

Enabled lines: 1

Enabled zones: 1

User: NameSurname

Go to Scheduling

Started: ☐ Enable dates: ☐

Item: All Order: All Line: LCV Zone: palletizer

Confirmed Tasks

Line	Zone	Item	Order	Task	Procedure	Actions	Execution status
LCV	palletizer	080200010	N25001148	LCV Palletizer 1	LCV1 - Jam 6	Start	Started → Completed
LCV	palletizer	067750001	N25001235	LCV Palletizer 3	LCV1 - Jam 2	Start	Started → Completed
LCV	palletizer	067760001	N25001232	LCV Palletizer 3	LCV1 - Jam 2	Start	Started → Completed
LCV	palletizer	067770001	N25001546	LCV Palletizer 1	LCV1 - Jam 3	Start	Started → Completed

Started Tasks

Line	Zone	Item	Order	Task	Procedure	Actions	Execution status
LCV	palletizer	080200010	N25001148	LCV Palletizer 1	LCV1 - Jam 6	Abort End	Started → Completed

Every modification made is recorded to ensure maximum transparency and auditability.

Attach PDFs, images and technical manuals directly to the operation.

Link operation data to ERP tables for automatic value population (e.g. item or order).

Set complex activation conditions, supporting specific schedules, delays and deadlines.

Connect multiple operations in a logical sequence based on the results obtained.

Back

Edit Operation

Save

Created by: Alice

Last edit: 11/02/2025 11:55:18

Used in 58 activities

Name

Association format Logic Inspect - LCV2

Description

Verify correct association with the Logic Inspect format based on the reference in production. Check functioning.

WP type

Quality Control

Review

REV1: test
REV2: analysis

Add documents

Operation

Select the operation

Confirmation of execution

Type

☒ Internal ☐ External

Requirement

Choose Requirement

Query

Type

☒ Internal ☐ External

Choose:

vDataOperations

column

loginspect.Lcv2

Timing

Choose Timing

Start Order

Type

☒ Internal ☐ External

Deadline (minutes)

30

Severity level

Choose Severity Level

low

Type

☒ Internal ☐ External

Alerts

Choose Alerts

no

Father

Choose Father

Enabled lines

Enabled zones

User

NameSurname

+

Operation Type

Operation Timing

All

All

Edit

Info

Delete

Clone

→

Edit

Info

Delete

Clone

Edit

Info

Delete

Clone

Alerts

Edit

Info

Delete

Clone

Alerts

Edit

Info

Delete

Clone

Edit

Info

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Clone

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Info

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Clone

Edit

Info

Delete

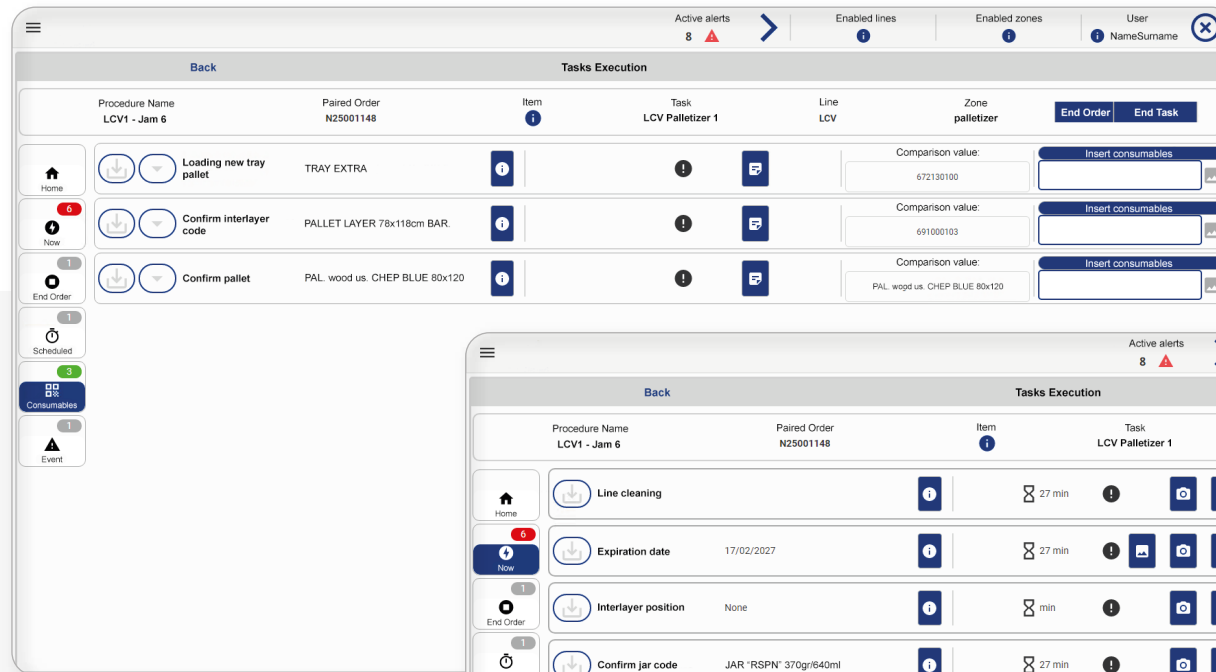
Clone

Edit

Info

Delete

Clone

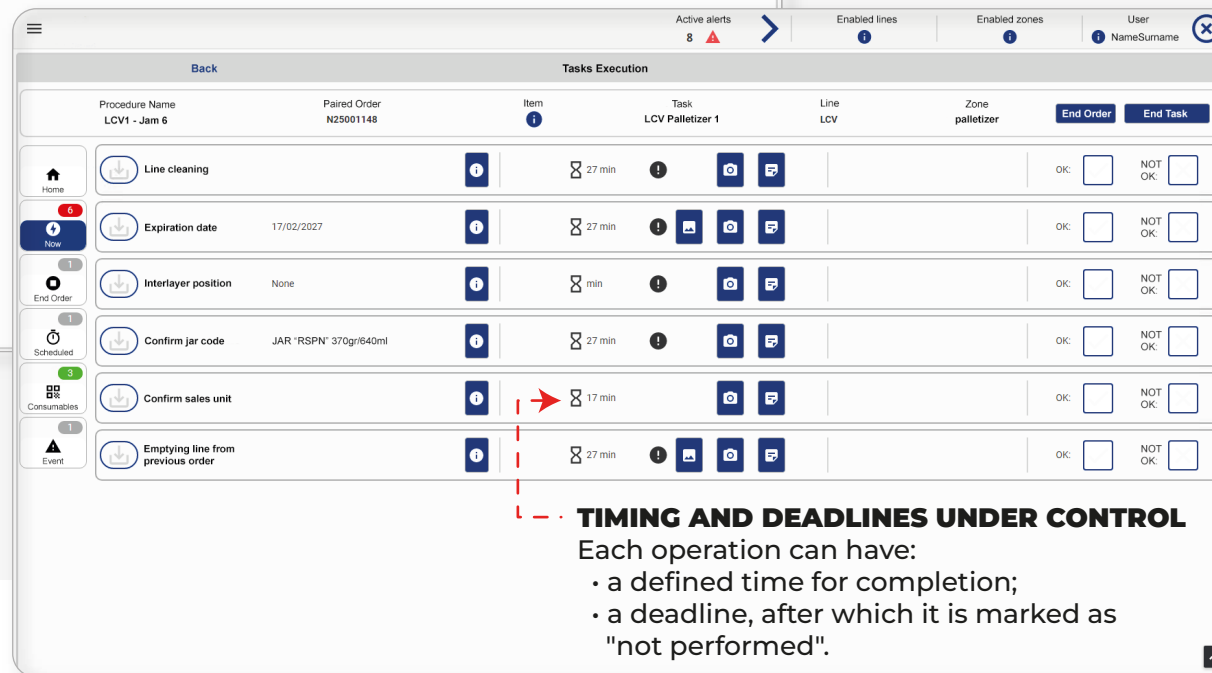


OPERATOR interface

The right **instruction** at the right time.

STEP-BY-STEP GUIDANCE

Each procedure is carried out as a guided path. The operator sees only the tasks and operations relevant at that moment, following the configured sequence.



TIMING AND DEADLINES UNDER CONTROL

Each operation can have:

- a defined time for completion;
- a deadline, after which it is marked as "not performed".

INSTRUCTIONS ALWAYS AVAILABLE

Attached documents, images and notes can be accessed directly from the operational screen.

ROLE-BASED CONTROL

Only users with the required authorisation level can perform or validate specific operations.

CONDITIONAL RESPONSES AND DYNAMIC FLOW

Operations can trigger new tasks based on the selected outcome (e.g. if "Non-compliant", activate an additional action or check). This enables the creation of adaptive, non-rigid procedures.

Results consultation and automatic REPORTING

Generate a detailed **PDF report** with all procedure data, ready for review, sharing, or archiving.

PRODUCTION-FOCUSED

The report also includes data from the production order (item code, quantity, machine, line, etc.) linked to the procedure.

The interface displays several views: Operations View, Tasks View, Procedures View, and a Report Visualization. The Report Visualization shows a detailed PDF report for a specific procedure.

Report Visualization

Item description	ORANGE SELEX 2023 30% 12x340g		
Item code	Line	LCV	
Batch	N25001225	Document date	24 04 2025 11:43
Start date	05 02 2025 15:43	End date	2025-02-05 16:58
Operator	NameSurname		

Operation	Requirement	Value	Outcome	Date
Loading new coil element 1	340g ORANGE	73051251	OK	
Cleaning line			OK	2025-02-05 16:44
Associate			OK	2025-02-05 16:45
Logistics format			OK	2025-02-05 16:47
Emptying line from previous order			OK	2025-02-05 16:47
Heart temperature		50	OK	2025-02-05 16:47
Expiration date	03/02/2028		OK	2025-02-05 16:47
Capsule check	odometry (expiration) + recMM L list		OK	2025-02-05 16:48
Logistics			NOT OK	2025-02-05 16:56
Capsule vacuum check			OK	2025-02-05 16:56
Perishability	1095 days		OK	2025-02-05 16:56
Lor	N25001225		OK	2025-02-05 16:56
Bypass X-ray			OK	2025-02-05 16:58

CUSTOM PDF REPORT

The system can generate a comprehensive PDF document with:

- procedure data;
- outcomes of all operations;
- users involved;
- execution times;
- any deadlines or critical issues.

COMPLETE TRACEABILITY

All information included in the PDF is tracked within the system: every change, every user, every stage has its own log.



EUREKA SYSTEM

CUSTOM INTEGRATED TECHNOLOGIES



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