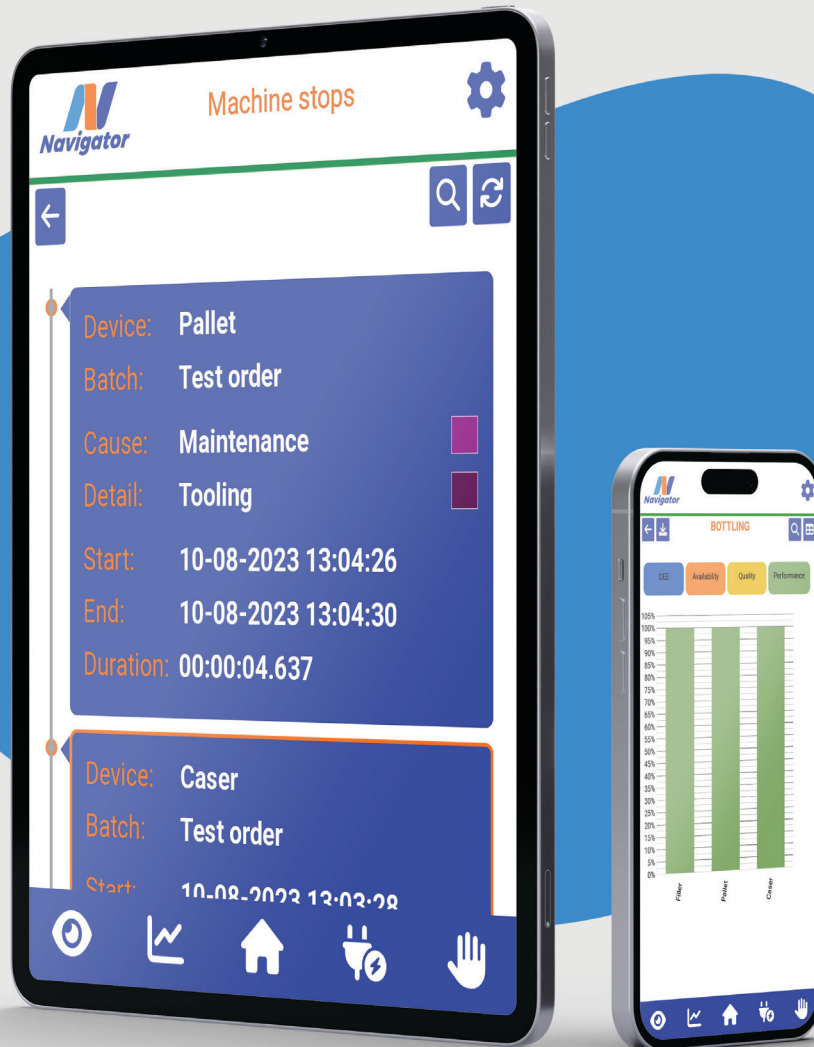


# Navigator



**LET'S DATA DRIVE  
YOUR IMPROVING  
PERFORMANCE PATH**



## ABOUT

Navigator was born from the market's need to **maximize** the efficiency of the production cycle and **minimize** energy costs.

Through the use of sensors, Navigator collects signals from the production lines. Once collected, the signals are sent to the cloud processing system. Navigator gives production teams access to real-time monitoring audits of energy, plant performance, and long-term data analysis by website or by mobile application.

The use of international standards for measuring energy and production performance guarantees immediate feedback to allow the user to evaluate the best optimization strategies. Navigator is the smart solution for monitoring energy and production performance in any plant industry (wine, olive oil, canned goods, etc).

## OVERVIEW

**INTUITIVE MAIN DASHBOARD**

**PRODUCTION ORDER MANAGEMENT  
FOR LOTS, PRODUCTS, & CUSTOMERS**

**BATCH PERFORMANCE**

**ENERGY PERFORMANCE**

**KEY PERFORMANCE INDICATORS (KPI)**

**OVERALL EQUIPMENT EFFECTIVENESS (OEE)**

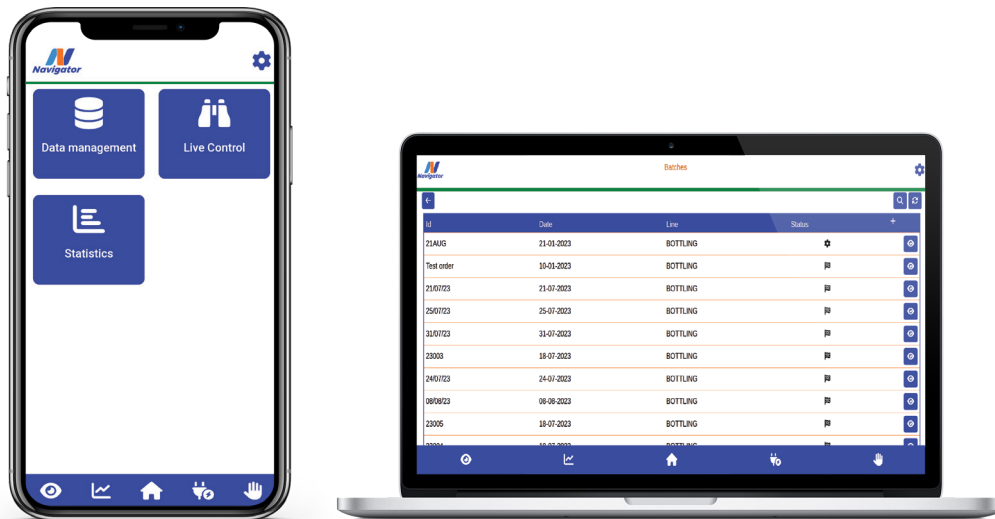
**EASY INSTALLATION & CONFIGURATION**

**MOBILE APP**



## INTUITIVE MAIN DASHBOARD

Our easily accessible and intuitive main dashboard highlights the key features of any lot's production performance. This includes plant live, current performance, and OEE overview.



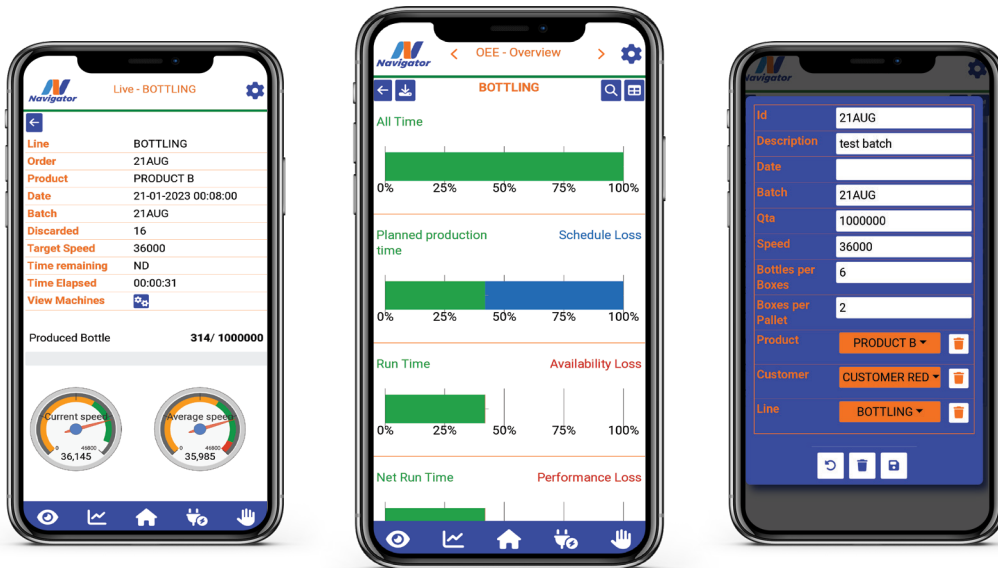
## PRODUCTION ORDER MANAGEMENT

Order management system with the possibility to create customized articles and configure their production characteristics. Reports will be produced for each article created.



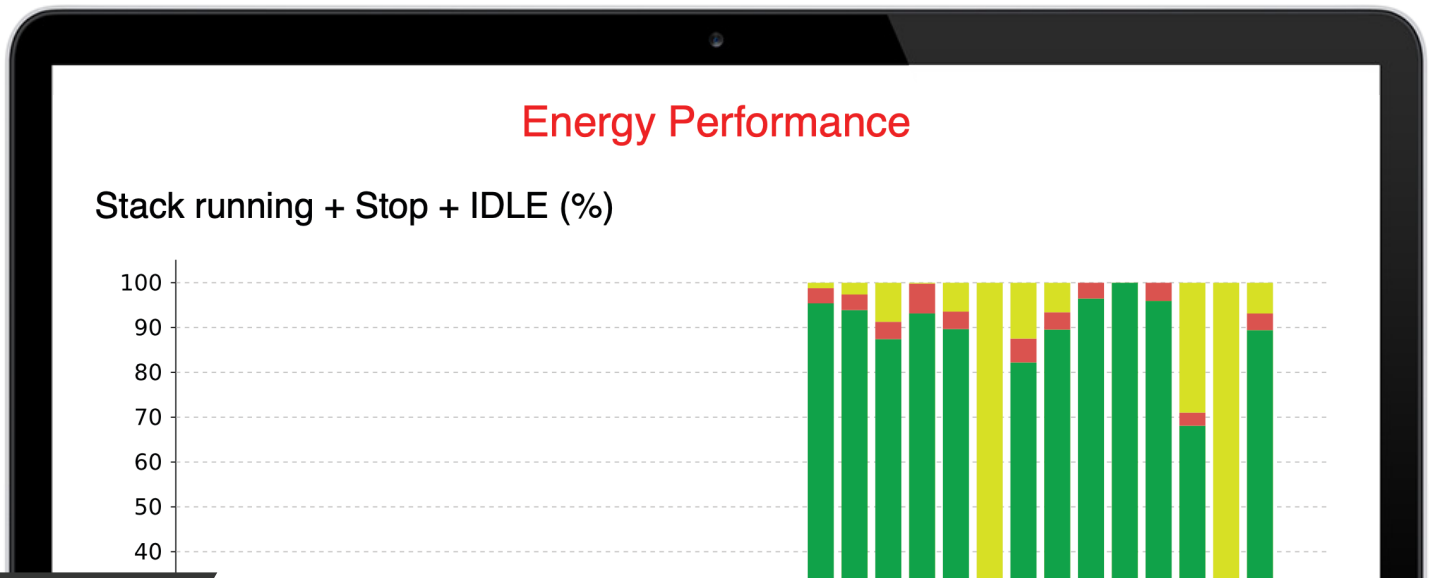
## BATCH PERFORMANCE

View the performance for the current batch, complete with timing details related to the estimated date/time of completion (ETA), percentage complete, and OEE recap.



## ENERGY PERFORMANCE

In depth display of energy consumption data on a daily, monthly, and yearly basis through production trends and stand-by phases.



## KEY PERFORMANCE INDICATORS (KPI)

Key Performance Indicators (KPIs) are quantifiable indicators of progress toward an intended result. KPIs provide a focus for strategic and operational improvement by focusing on specific targets.

### NAVIGATOR KPIs:

# QUALITY AVAILABILITY PERFORMANCE

**Quality** is a fundamental parameter to understand the impact of waste and non-conforming products in the production process.

The increase in **performance** implies a reduction in energy consumption and greater output.

Plant **availability** is an immediate value for understanding the impact of unplanned stops on a production process.

### THE SYSTEM PROVIDES THE FOLLOWING KPIs:

**ENERGY USAGE DURING BATCH EXECUTION**

**ENERGY WASTE DURING NON-PRODUCTIVE PHASES DUE TO LACK OF SCHEDULING**

**UNPLANNED STOP TRENDS**

**IDLE TRENDS**

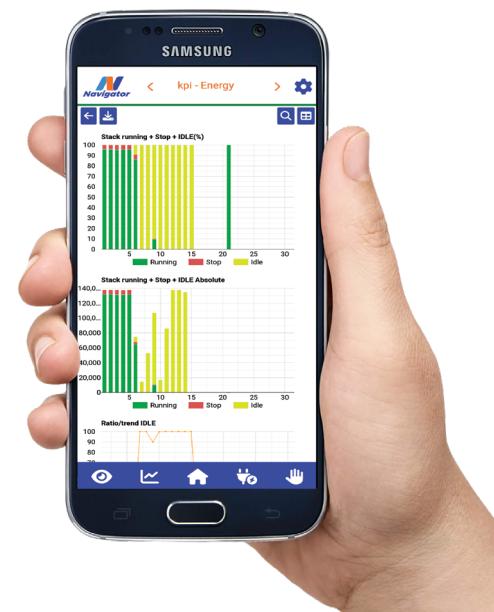
**DETAILED BATCH DATA**

**GENERAL SYSTEM PERFORMANCE**

**ENERGY COST INDEX + LOAD FACTOR**

**AVERAGE MINIMUM DEMAND**

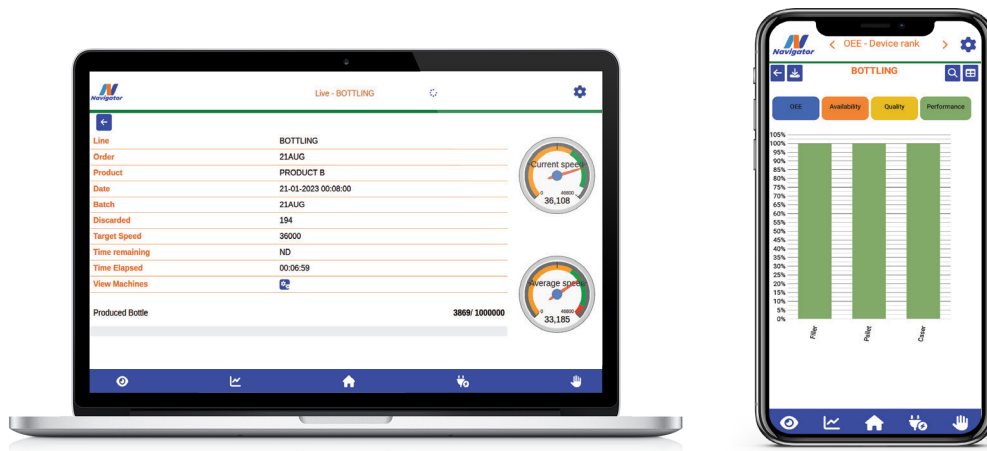
**EMISSION GENERATED**



## OVERALL EQUIPMENT EFFECTIVENESS (OEE)

OEE (Overall Equipment Effectiveness) is the gold standard for measuring manufacturing productivity.

It identifies the percentage of manufacturing time that is productive. An OEE score of 100% means you are manufacturing only Good Parts, as fast as possible, with no Stop Time. This ensures 100% Quality (Good Parts), 100% Performance (As Fast As Possible), and 100% Availability (No Stop Time).



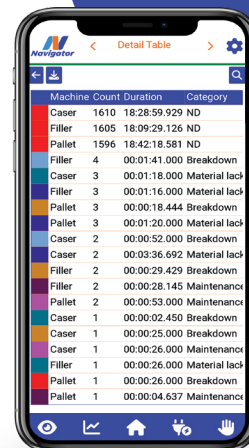
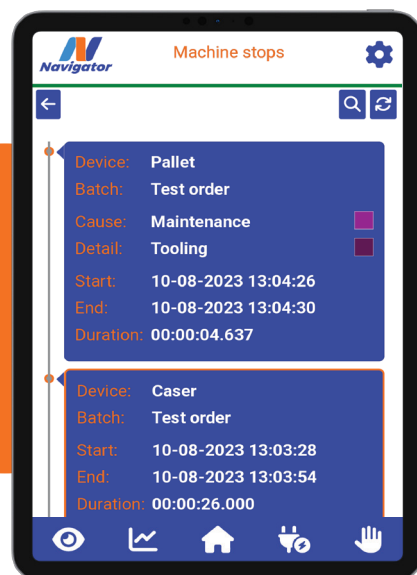
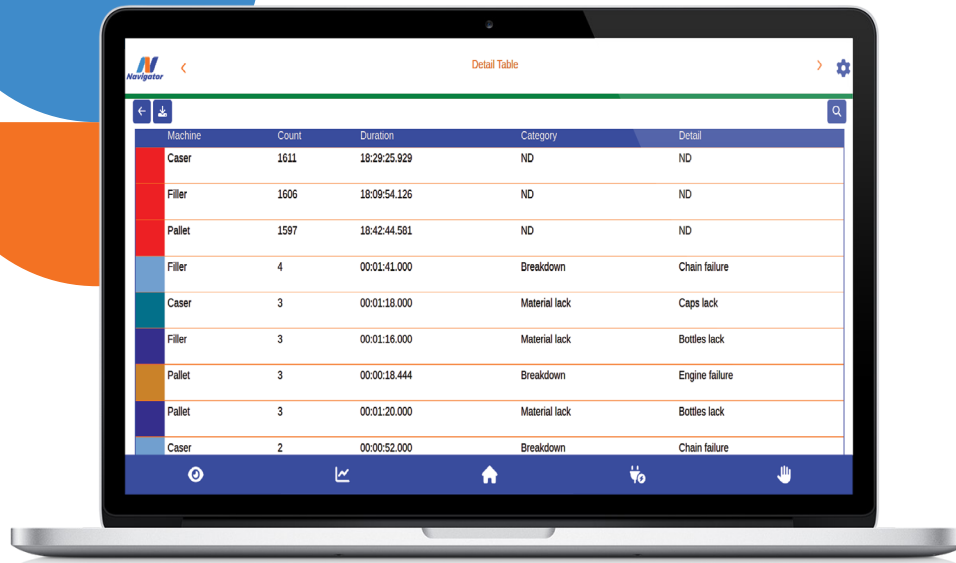
## EASY INSTALLATION & CONFIGURATION

Navigator is easy to install and can be configured to your liking. With a click of a button, you can customize the way you monitor your plant.



# MOBILE APP

Navigator is downloadable for mobile devices (phone, tablet, etc.) so you can monitor production lines at any time, place, or day!





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