





**33**  
years



**16.000**  
*NET@PRO*  
users



**+500**  
Interconnected  
machines i4.0



**350**  
Active Clients



**40**  
Resellers in Italy  
and Europe

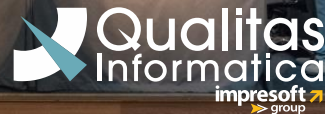


# ***NET@PRO*** MES System

***NET@PRO** is a **MES system** that makes the **smart manufacturing possible**. It is available in 7 languages: Italian, English, German, French, Romanian, Polish and Spanish. It updates automatically*



ROTARI



# Which problems do we solve?



## Planning and scheduling

Can you meet the customer orders delivery time minimizing stocks?



## M.E.S.

Can you measure the production performances in real-time?



## Warehouse and Traceability

Do you really know everything about your products?



## Quality

Do you have a digital and real-time shop floor quality control process?



## Maintenance

Is your maintenance process digitized and strictly connected with the machines behavior?



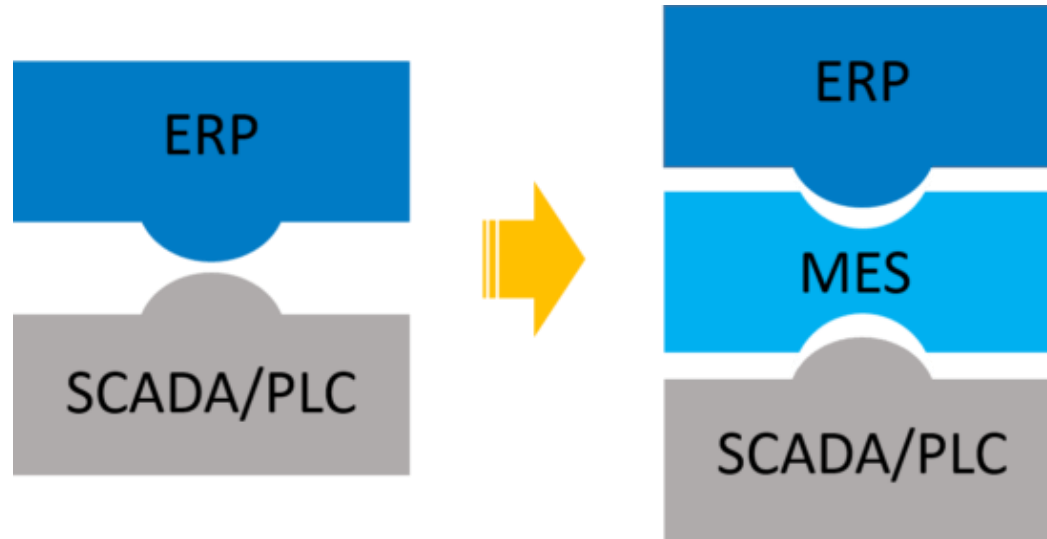
## Machine 4.0 integration

Are your devices set up information digitized and without human errors?

# Shop floor challenges

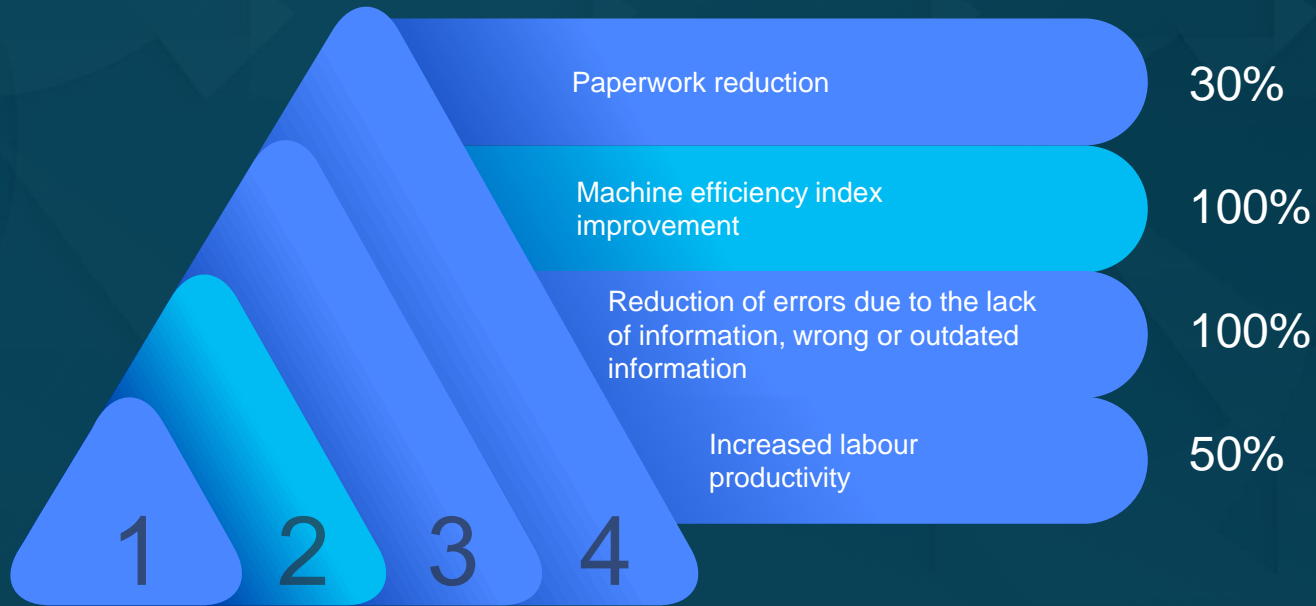


# What is a MES (Manufacturing Execution System)?



# M.E.S. Production management area

Some benefits



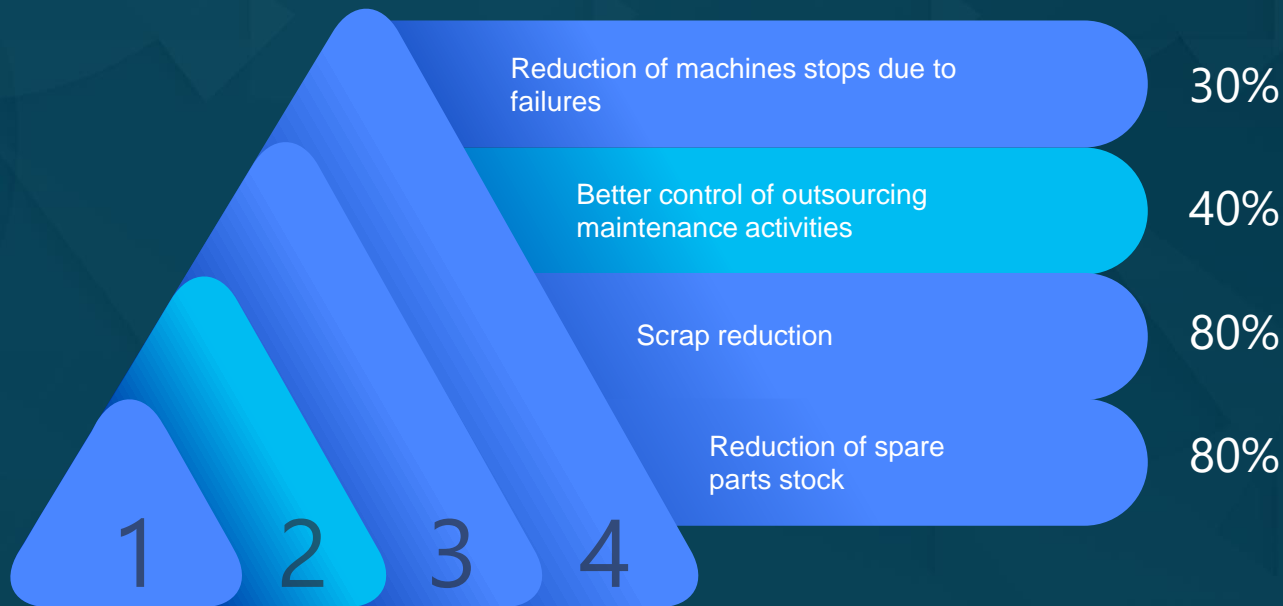
# Sequencing and planning

Some benefits



# Maintenance Area

Some benefits





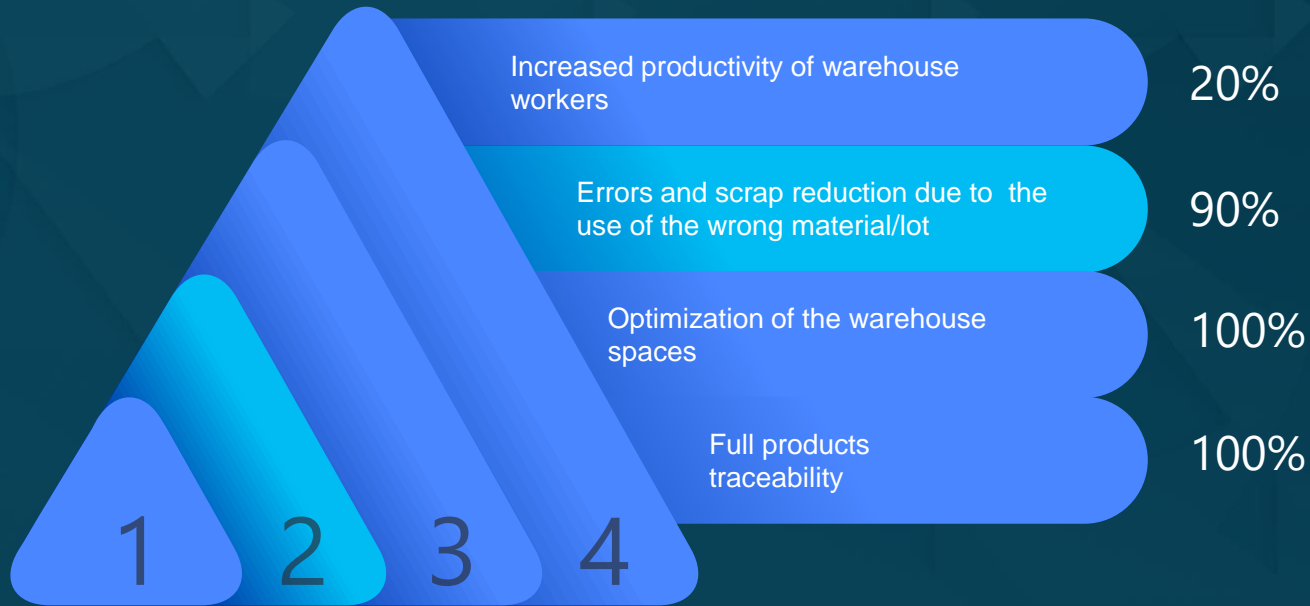
# Quality Area

Some benefits



# Warehouse and traceability

Some benefits



## ALWAYS UPDATED

Automatic release updates thanks to the web Technologies

## WEB & JAVA TECHNOLOGY

Developed in Java and ASP.NET languages

## CONNECTED WITH SHOP FLOOR MACHINES

The most common protocols are supported

## DB & OPERATING SYSTEM INDIPENDENT

## EMBEDDABLE IN ANY ERP

Easy to be integrated with every ERP through web services, shared tables, json and xml files and broker technology

## EASY TO CONFIGURE

Configurable by the user by simply using drag&drop: colors, font, themes, etc.



Customer reference:



# *Baxi S.p.A.* *Italian company owned by BDR Thermea, Dutch holding*

**Industry:** Boilers and heating systems

**Challenge:** Baxi needed to streamline and speed up the assembly processes and the production lines monitor and costs control. To track the usage of materials and semi-finished products, the process times and the testing data. The request was to reduce human data input in different software packets the company was using to collect data.

**Benefits:** **NET@PRO** made the quality and production data collection in the assembly line much easier. Today, **Baxi has a comprehensive overview of the activities in progress.** The system allows a deep investigation on the performance and efficiency level of all the phases of the production line. The system detects in real time any problem and event from the production line. This reduces the risk of human error, guaranteeing the traceability of the multi-step process data and of the used components and semi-finished products.

Customer reference:



# *Polidoro S.p.A.*

## **Industry: Gas combustion solutions**

**Challenge:** **Polidoro** used to build and **analyzed the production indicators through a** paper-based data. They obtained the productivity indexes collecting manually relevant data, and then they shared them with other departments. Doing so, it was possible to have an overview of their global efficiency with details about the performance of machines and workers, but not in real-time. Also, it wasn't possible to have an objective, punctual and correct values, and the manual management was very time consuming.

**Benefits:** By implementing the **NET@PRO MES**, **Polidoro** obtained some real advantages as the paper-reduction in the department, the bidirectional connection with the machines, the integration with external systems as the ERP and the availability of the efficiency indicators in real-time. The machines OEE index, for each shift and the real time productivity are shown directly on ANDON monitors located in the shop floor as visual tool for the operators. Thanks to machine data automatic collection, **Polidoro** can now calculate the productive inefficiencies, punctually measure the improvements introduced by kaizen projects that are constantly implemented.

Customer reference:

# Mila S.p.A.



**Industry: Food & Beverage**

## Challenge

Mila had tools for the production progress provided by ad hoc software systems or simple paper-based data collection. The primary need was to provide the production and quality departments with an efficient integrated system to allow the company to drive the planning, production and quality processes

## Benefits

Mila adopted the **NET@PRO** MES Software for the production management, integrating it with the data collected directly from the machines to satisfy the quality control procedures of the filling lines and the automated milk processing sections. **The system interacts directly with the devices that drive the process line, sending the work order, the recipe, and the quantity to be produced.** The planner task sequence activities are supported by the Sequencer module that allows sequence optimization minimizing both recipe and packaging changes in order to reduce set-up time. The work orders are displayed directly in the operators' workstations, in a completely paperless environment. Every worker can see the order in process on his screen and check the efficiency. The quality checks are an essential part of the production process because they guarantee the level of quality of the products. Plus, Mila's product traceability of the components are assured by the automated integration with the milk processing machines and filling lines.

# Thank you for your attention

For more information about our offer

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**See you on our next Webinar!**

# Contact Us



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