eSimulator

GP PROGETTI
PRODUCTION SOFTWARE SOLUTIONS

Product feasibility analysis

Software specifically designed and made for the operational management of the most crucial stage for the **development of production in manufacturing companies**: entering a new order in the Company System.

The daily need to notify customers of the **order processing date** is the goal that this module intends to meet with a substantial **confirmation of feasibility in advance**.

The main function of the module is, in fact, to explore the company's Production Plan and determine **as reliably as possible**, according to the latter, the date when the request will possibly be processed.**eSimulator** adapts to the user's needs, thereby allowing for direct manufacturability analysis of an item with the exploded view **of the desired level of components and materials**.

Autonomy and Integration

eSimulator applies the preventive simulation process of the workload resulting from the entry of new production requests by operating directly on the actual production plan in a flexible manner, i.e. both independently and integrating the management system:

→ **In native mode**, the simulation process can be repeated until determining satisfactory "item-quantity-date" and ends with the automatic generation of a new production order (simple or composite).

→ **In integrated mode**, the simulation process can be repeated until determining satisfactory "item-quantity-date" and ends with the automatic generation of a new sale order confirmation sent to the management program.

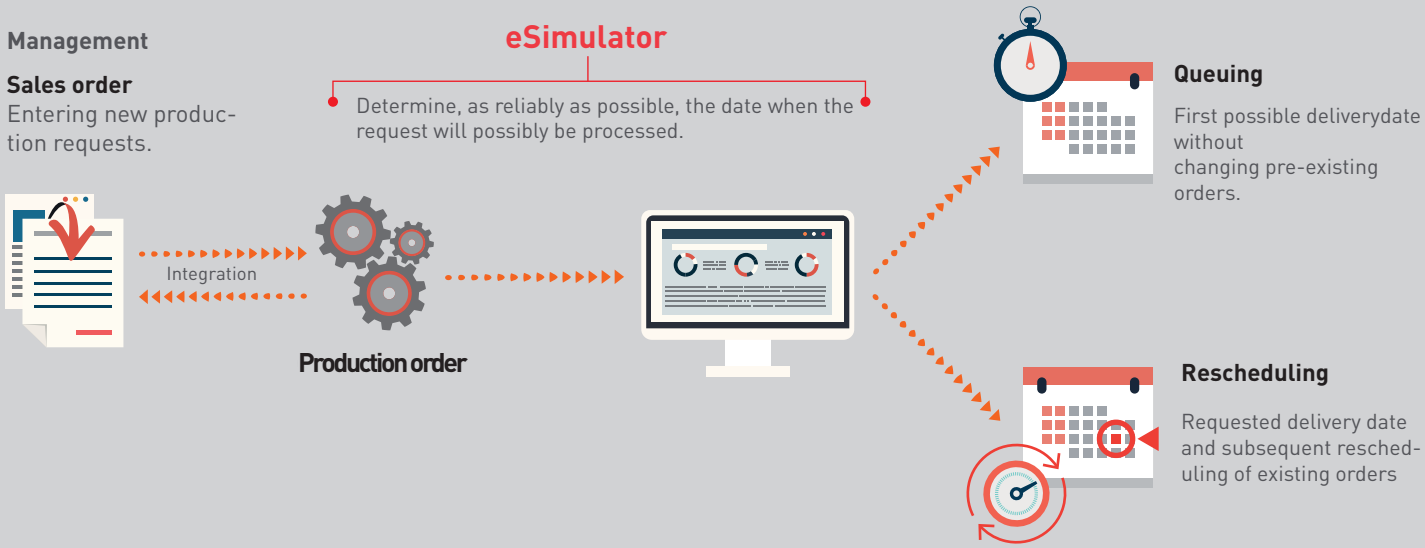
Queuing and Rescheduling

The tool was appropriately designed to operate in dual mode:

→ Acquisition of the **first possible delivery date** given the confirmed production plan, therefore without changing previously present and essentially queuing orders.

→ Entry of an **intentionally binding production order** for a required delivery date, therefore resulting in re-scheduling previously present orders.

WHEN WILL THE ORDER BE PROCESSED?



Enhance eSimulator by combining it with other eNX Suite modules!

By taking advantage of the dynamic construction of the request, possibly even **with no need for master data prerequisites**, provided by the **ePrototyper** module, the user may use **eSimulator** both as a simulator and as a dynamic configurator of the production request.

Through integration with eNX, the module makes operations easier by **reducing entry errors** (items, quantities, dates); secondly, it allows for organised and effective dialogue to be established between those dealing with the customer request and those involved in its processing, because it operates on the basis of the **actual availability** of the company's production system.

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