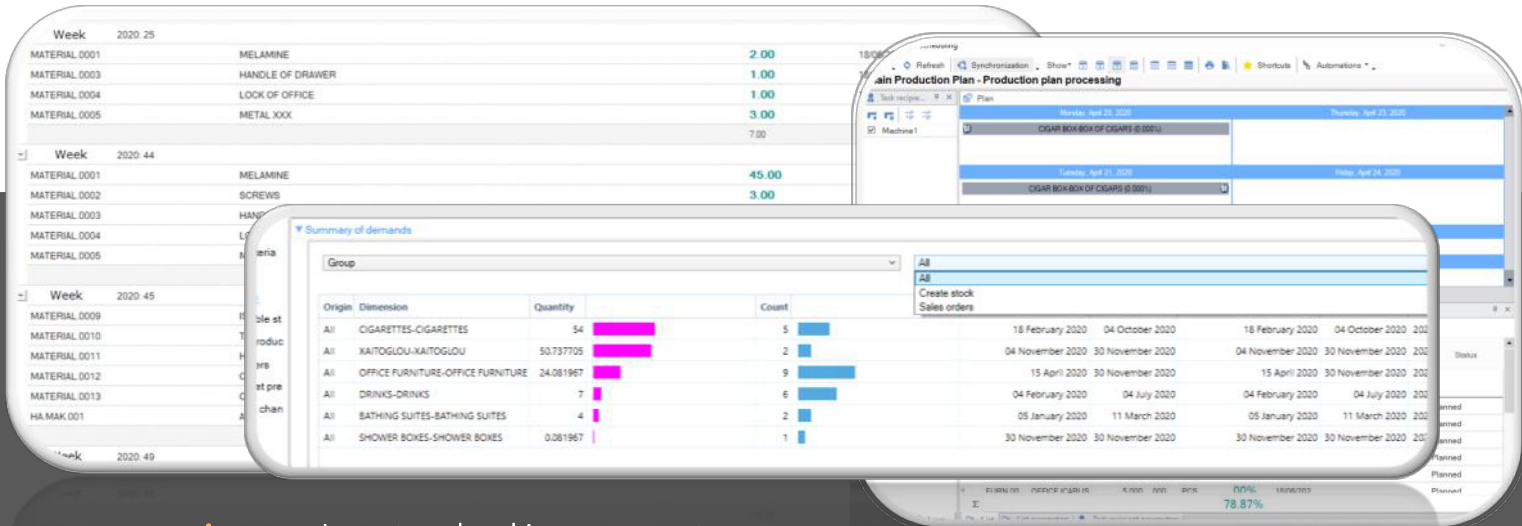# ENTERSOFT
Production & Manufacturing

Monitoring the whole process of
Production in the system ...

... you gain:
- ❋ Inventory level improvement
- ❋ Overview of required raw materials for production planning
- ❋ Accuracy on product production costs and profitability

Production process data
- ▸ Hierarchical technical specifications, Phase Routings, Minimum production package - production batch, alternative materials, matching materials and products in terms of colors, sizes and quantities.
- ▸ Production units, resources, working hours, operating times, transport times per destination

MPS: Master Production Schedule
- ▸ Medium-term planning based on orders, deficiencies, needs for stocking (days of sufficiency) - ability of intervention in the auto-generated Production Calendar
- ▸ Create Production Orders either one by one or using group requirements option

MRP: Replenishment of materials according to the Production Plan
- ▸ Automatic calculation of raw material shortages and timely placement of automatically generated Purchase Orders, ensuring the minimum required stock level
- ▸ Avoid over-stocking

Commencement and monitoring of Production process
- ▸ Binding raw materials
- ▸ Bill Of Materials (BOM's)
- ▸ Calculation of material consumptions based on deficiencies, after stock counting in the production area
- ▸ Automatic tool for allocation of physical inventory differences to already registered (potential) consumptions (that calculated according to BOMS)
- ▸ Outsourcing process
- ▸ Lot traceability: Complete history, starting from receipt or production and, ending to the last shipment. Route information & lot's current lot location

Production & Manufacturing

… predict, explain and optimize the
production cost …

Production cost overview

▸ Simple or however complex, parametric cost-allocation rules

▸ Detailed cost factors for each Production record

▸ Comparison of estimated vs actual cost

▸ Tool for justifying the results of production costing

Production Cost Scenarios

▸ Pre-costing final products using what-if scenarios, for use e.g. in commercial agreements with clients or for designing pricing policies for products to be produced

Production efficiency indicators

▸ Average processing time of production orders, delivery time of make-to-order products, cost and profitability data.

▸ Cost analysis per production phase, per product or group of products & cost origin type.