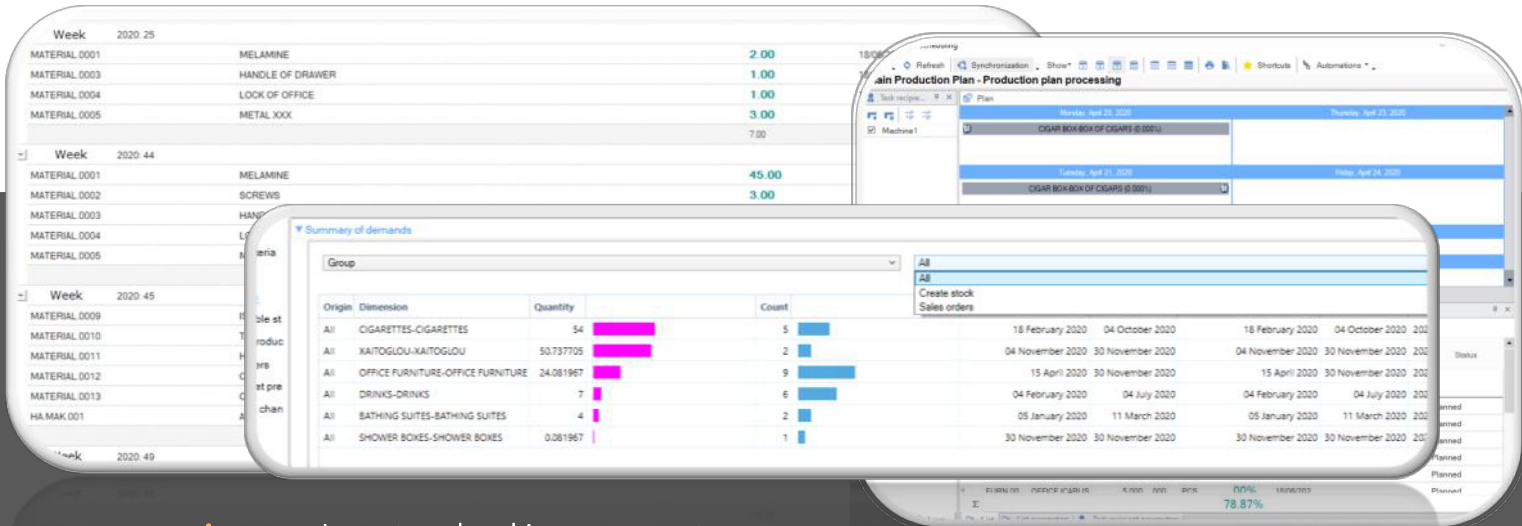




ENTERSOFT

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 ...

Produced Item	Cost Element Type	Cost element	R.1>Main Part-Production of Main Part	R.2:Accessories-Production of Access...	R.3.Final Assembly-Production of Fina...	allocated cost	Quantity of Equ...	
FURN.0001 - OFFICE SCARUS - qty.: 0.000 - cse...	GenExpEnergyP1	92.00.01.0064 - General production Expenses Ph...	▲ 175.00	0.92		175.00	0.92	
		92.00.02.0064 - General production Expenses Ph...			▲ 175.00	0.92	175.00	0.92
		92.00.03.0064 - General production Expenses Ph...				▼ 150.00	0.79	150.00
GenExpEnergyP1 Total			175.00	0.92	175.00	0.92	500.00	2.62
GenExpEnergyP2	92.00.01.0064 - General production Expenses Ph...	▲ 175.00	0.92			175.00	0.92	
	92.00.02.0064 - General production Expenses Ph...			▲ 175.00	0.92	175.00	0.92	
	92.00.03.0064 - General production Expenses Ph...				▼ 150.00	0.79	150.00	0.79
GenExpEnergyP2 Total			175.00	0.92	175.00	0.92	500.00	2.62
GenExpEnergyP3	92.00.01.0064 - General production Expenses Ph...	▲ 175.00	0.92			175.00	0.92	

Sub-category	Specification code	Component Code	Description	MU	Quantity	% estimated wastage	Final quantity	Cost price
* Bom: CIGAR - Cigar - quantity: 1000000.00 - start date: 01/01/2020								
- Expenses								
		Hour	Production payroll		25.000	0.0		25.00
- Consumptions								
		KGR	TOBACCO SIMPLE		795.000	0.0		795.00
		M	CIGAR PAPER		1.163.000	0.0		1.163.00

Dimensions	Information	January	February	March	April	May	June	July	August	September	October	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
Item	Calendarization template	Bom	Comment	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
BUILDING.001		MET...		6.889	6.889	6.889	500.000	6.889	6.889	6.889	6.889	6.889	6.889	6.889	6.889	6.888	569.778	
CIGAR BOX		CIGA...		2.003	5.060	250.003	250.003	50.060	2.003	2.003	40.060	40.003	10.003	20.003	24.967	696.171		
CIGAR PAPER		CIGA...		6.889	6.889	6.889	6.889	6.889	6.889	6.889	6.889	6.889	6.889	6.889	6.889	6.888	676.777	
		MATERIAL.003	CELLOPHANE						KGR	0.080					0.08			
		MATERIAL.006	LABEL						PCS	12.000					12.00			

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.