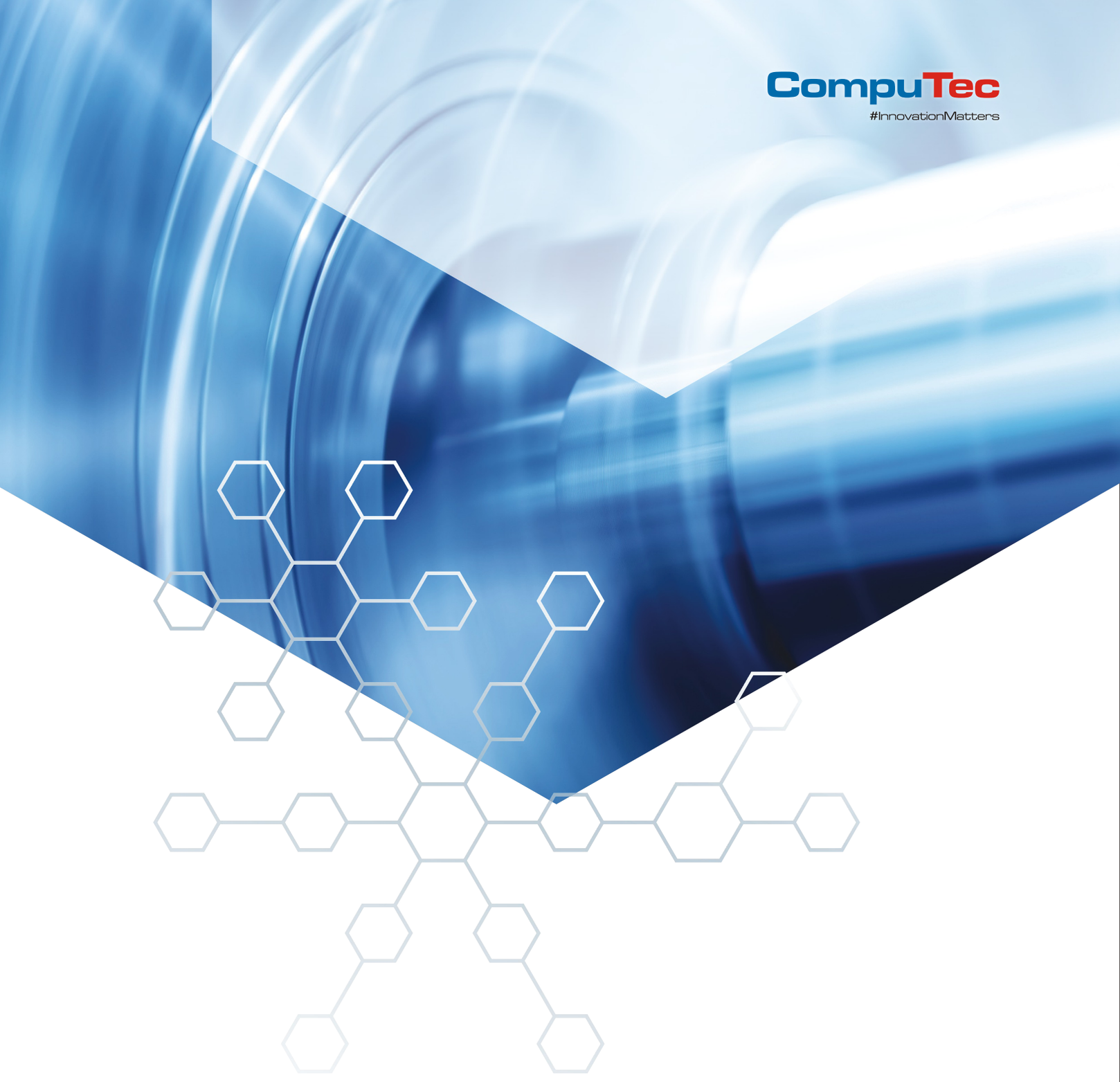


CompuTec
#InnovationMatters

#CompuTec
ProcessForce

LOGRES
BUSINESS SOLUTIONS

The Intelligent Solution for Advanced Manufacturing

#CompuTec

ProcessForce

A comprehensive and reliable solution for advanced manufacturers that allows users to enjoy SAP Business One's excellence for key business functions combined with an extensive production functionalities

Supply chain data management

Expanded product information

Manage even the most complex recipes and the most precise processes

Plan and analyze the entire production process

Multi-level quality control infrastructure

Complete audit trail

Comprehensive analytics and forecasting tools

Plan your enterprise's growth

Optimize operations and increase customer satisfaction

SAP Business One

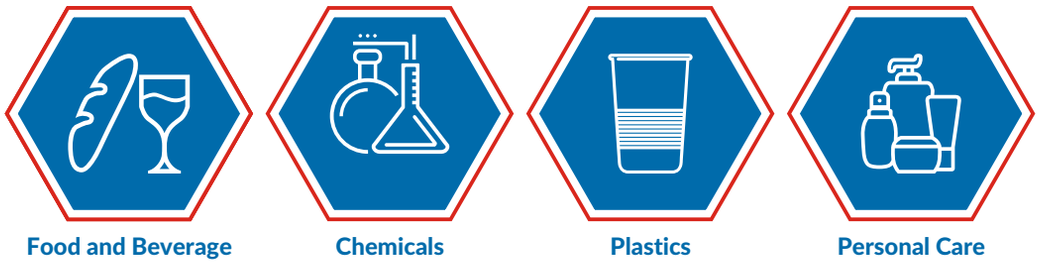
SAP Industry Solution
Excellence Award

SAP Global Solution Partner
Leadership in Innovation Award

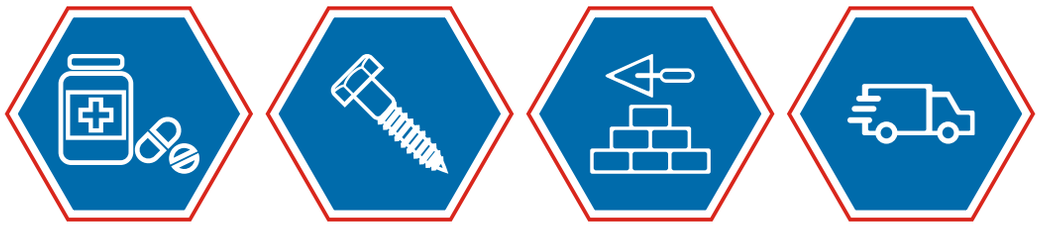
SAP Certified
SAP Business One Integration

OUR VERTICAL APPROACH

CompuTecProcessForce was designed in close consultation with industry leaders in the following verticals with careful consideration of their day-to-day operational needs and the challenges their specific industry presents.



Food and Beverage | Chemicals | Plastics | Personal Care



Life Sciences | Mill Products | Building Products | Automotive

COMPUTEC PROCESSFORCE FOR SAP BUSINESS ONE

- Works as an integral part of SAP Business One on-premise or in the cloud
- Available in 27 languages
- Consolidates all your data about customers, products, suppliers, resources, inventory and processes into one single database ensuring enterprise-wide data accuracy and consistency
- Eliminates the need to use multiple spreadsheets, accounting software, bespoke software etc.
- Full auditability of processes and inventory even at a moment's notice
- Flexible enough to implement change rapidly even in dynamic industries
- Extensive customization options so you can continue to do business in the way you know works for your company
- Reduces time spent on manual processes and record-keeping
- Facilitates on-time delivery and minimize unplanned downtime and outages
- Minimizes the potential for human error
- Operates in real-time
- Insight into where you are running efficiently and where there is room for improvement
- Fully scalable to up to 500 concurrent users to support your organization's growth
- Streamlined workflow, data transparency and planning tools mean you can process a larger, more complex orders and fulfill your business's potential while reducing risk

COMPUTEC PROCESSFORCE SOLUTION MAP

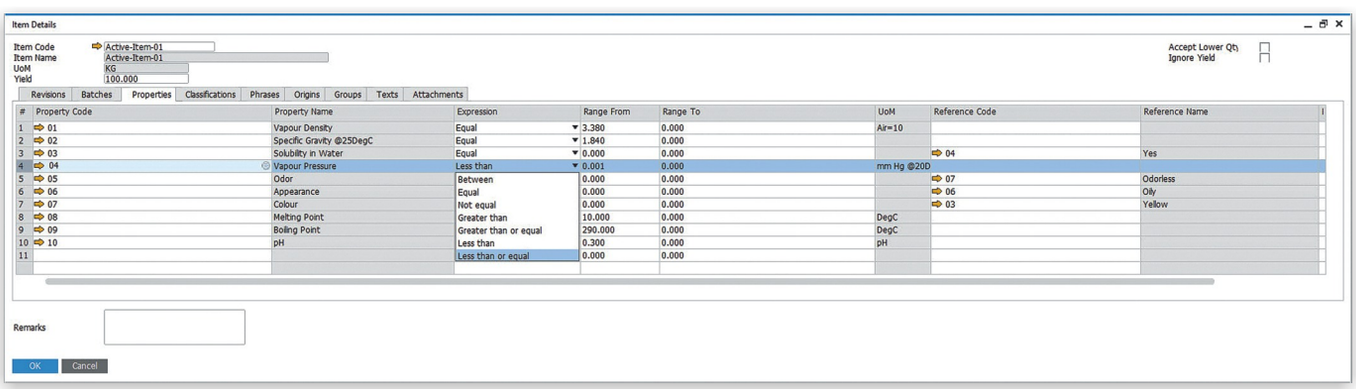
The combined SAP Business One and CompuTec ProcessForce solution map provides a visualization of the application components, vertical extensions and tool utilization.

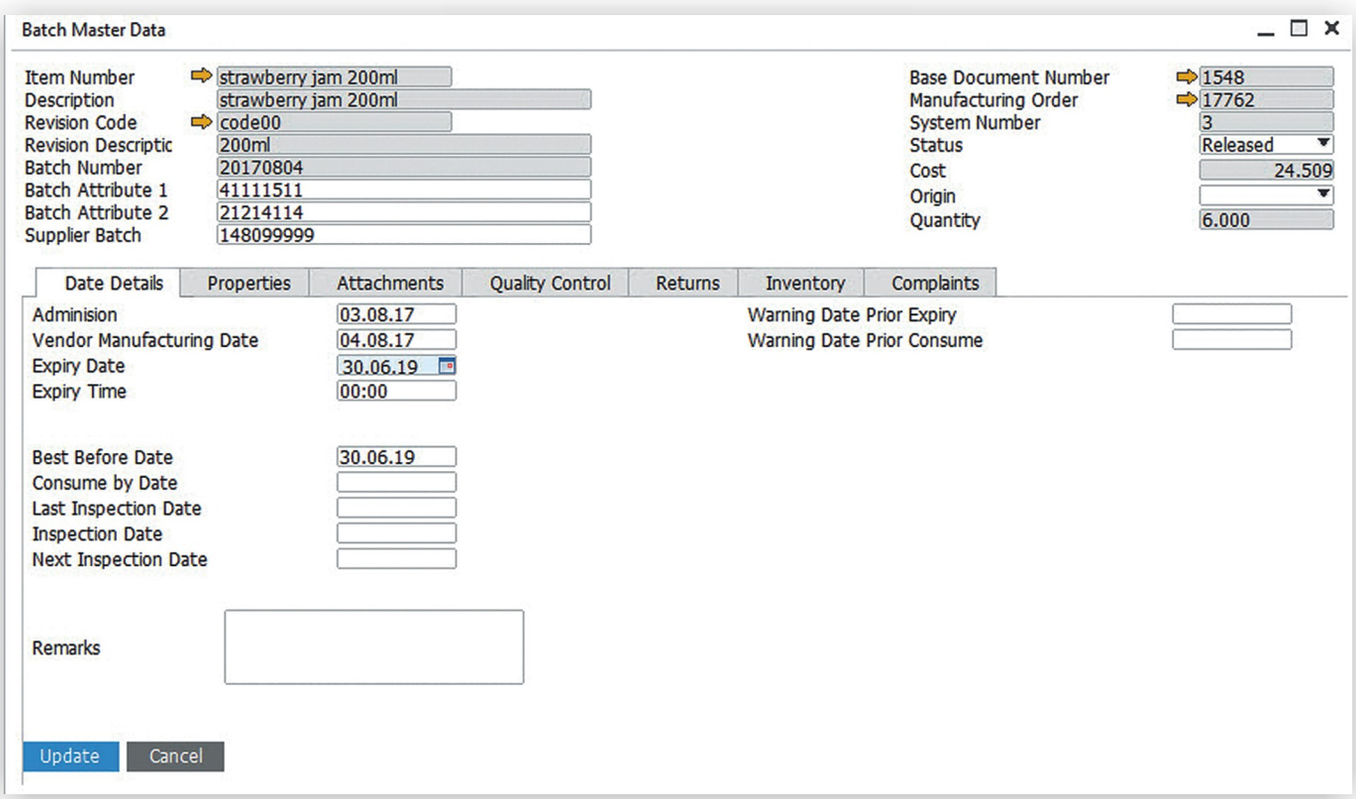
CompuTec ProcessForce adds new processes, functions and reports
CompuTec ProcessForce uses existing SAP Business One processes, functions and reports, but extended the functionality
CompuTec ProcessForce uses existing SAP Business One tools to implement and customise CompuTec ProcessForce objects

PRODUCT DATA MANAGEMENT

With more regulation and increasing customer demands for transparency, it is more important to know exactly what is going into your products than ever before and the sheer volume of data involved can quickly become overwhelming. CompuTec ProcessForce records your data logically and accurately and treats it as a strategic asset. Big data will no longer be a big problem. It will be a big advantage.

- Increase visibility and access relevant data quickly and easily
- Be confident in the integrity of your data and in satisfying regulatory and customer product safety requirements
- Improve supply chain management
- Optimize productivity, resource usage and cycle times
- Facilitate cooperation between teams and departments by ensuring data consistency from a single information repository
- Speed up strategic decision-making backed by analytics and data-driven insights





COMPREHENSIVE INGREDIENT, COMPONENT AND PRODUCT DATA

Batch Management	Allocate and manage rules such as expiry and consume by dates and manage shelf life
Storage Rules	Manage stock on a FIFO, FEFO or FMFO basis and maintain the right stock levels for your business
Batch and Serial Numbers	Fully-customizable using pre-defined defaults, templates or manual data input
Ingredient Declarations	For each product and each product revision
Nutrients	Define and manage daily intake recommendations, including on a country by country basis
Country of Origin	Identify the origins of each component part of the finished product quickly and easily
Allergens	Trace allergens and set up allergen alerts and warnings
Pack Serving Sizes	Manage product portions and package volumes
Classifications	Categorize products, e.g. toxic and non-toxic
Properties	Define physical and chemical characteristics and designate properties for quality control tests
Product Groups	Categorize your inventory, set up sub groups and assign codes to ensure optimum safety practices

- Support standardization
- Allocate alternative parts and ingredients when lack of availability demands
- Establish a preferred parts/ingredients list
- Set standard descriptive texts for example hazard instructions, safety text and cleaning information in case of a product spillage

Now, when we take data from our system, we can actually rely on it.

James Obeng
HPW Fresh & Dry Ltd., Ghana

MATERIAL SAFETY DATA SHEET (MSDS)

Several regulatory bodies, including the European Union, use set phrases to list information relating to occupational safety and health, special transportation or storage arrangements and potential hazards when working with certain products and substances. By supporting these phrases, CompuTec ProcessForce completely automates the creation of Material Safety Data Sheets so that reassuring your customers of product compliance is quick and painless.

BILL OF MATERIALS

A detailed and precise Bill of Materials (BoM) is crucial to saving time and avoiding mistakes. CompuTec ProcessForce's expanded BoM will help you to eliminate inefficiencies, material planning issues and the associated costs of these blunders.

- Strategize purchasing and make better material planning decisions
- Optimize cost effectiveness
- Share comprehensive data in real-time to ensure consistency, accuracy and quality across your departments and product range
- Ensure timely product delivery
- Improve planning, increase production volume and grow your business

Our business processes are a lot more autonomous, month end is processed easily and accurately, we have better clarity with what is happening in the business and we can track our inventory with more precision.

Bob Zhou,
Australian Dairy Park, Australia

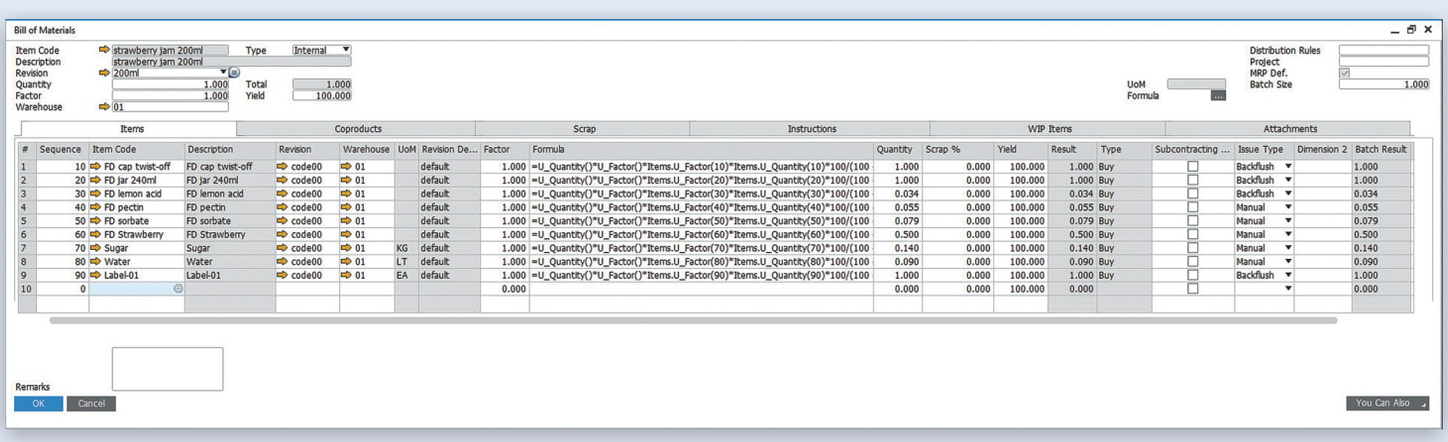
Formula and Recipe Management

- Full formula and recipe scalability
- Percentage weight based recipes
- Yield planning and analysis
- Handle multiple units of measure within one recipe
- Choose how items are managed

Making Complexity Simple

Designed to handle the most complex production processes, CompuTec ProcessForce allows you to drill down though each level of production, even when your final product contains dozens of sub-assemblies which each contain dozens of sub-assemblies and phantom items.

- Unlimited simultaneous product revisions
- Multi-level Bill of Materials
- Set up phantom items for better production planning
- Enforce rules for each stage
- Embed quality control tests and special manufacturing instructions
- Integrate work by subcontractors into your system
- Attach instructions, certifications and quality control procedures to each BoM to make sure your business stays compliant
- Mass item replace function
- Generate reports



Product Routings

CompuTec ProcessForce lets you assign routings to production items and bind specific items to each operation helping you to determine the best machines and equipment for each process and allowing you to consider the unique characteristics of each product revision in organizing workflow.

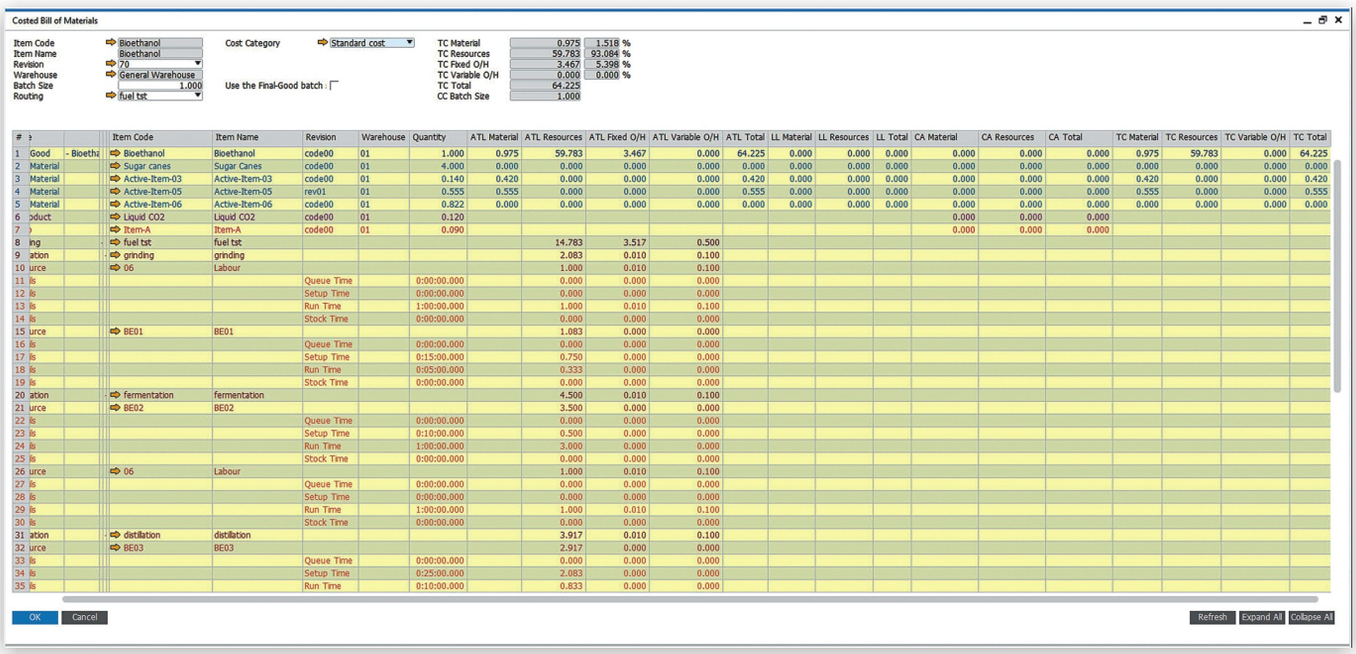
- Set up unlimited routings using a wide range of machinery and technology
- Assign alternative routings for when capacity is under strain
- Save time and reduce costs by setting up reusable sequences
- Make sure materials end up where they are needed exactly when they are needed

Co-product, by-product, WIP items and scrap management

- Avoid unnecessary waste
- Maximize what you can re-use
- See new opportunities for profit

Costed Bill of Materials (BoM)

- Ease the process of determining product costs
- Compare costs of different revisions
- Cost categories allow you to see how future costing changes will affect your business



SCHEDULING

CompuTec ProcessForce's scheduling solution provides you with all the tools you need to manage time and resource limitations and ensure that the final products reach your customers on time.

- Allocate resources, tooling and labor according to:
  - Resource status and capacity
  - Time constraints
  - Overlapping processes
- Forwards and backwards production scheduling
- Set timings for each stage of production
- Manage your production calendar and calculate resource and production capacities with precision
- Manage Manufacturing Orders based on complex Multi-level Bills of Materials with ease
- Define alternative product routings when necessary
- Manage advanced relations between processes
- Record material consumption for all operations

THE SCHEDULING BOARD

A simple but effective planning tool presented in table format.

- Manage production dates, scheduling methods, priorities, completion dates and more
- Straightforward data organization and management with advanced filtering options
- Oversee changes and see how they affect production scheduling
- View scheduling for all levels of multi-level Bills of Materials

RESOURCE PLANNING BOARD

- Filter and sort Manufacturing Orders and review details of each one
- Manage resources and resource groups and the Manufacturing Orders associated with them
- Check resource capacity
- View and organize the jobs which are waiting for resources to become available
- Manage and assign tools to specific resources
- Receive alternative resource suggestions
- Easy to use drag and drop interface

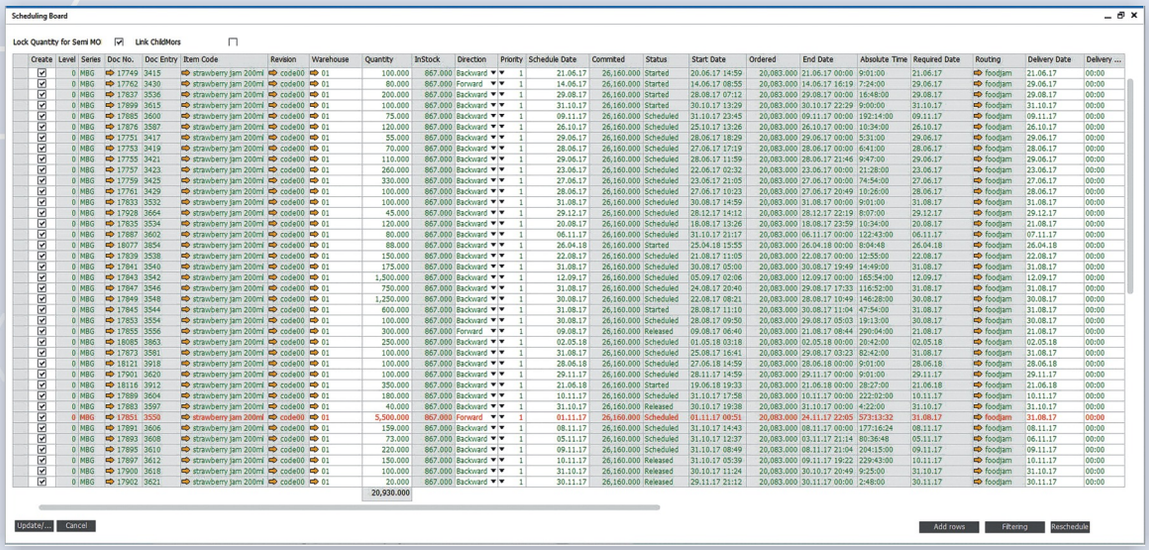
DYNAMIC GANTT CHART

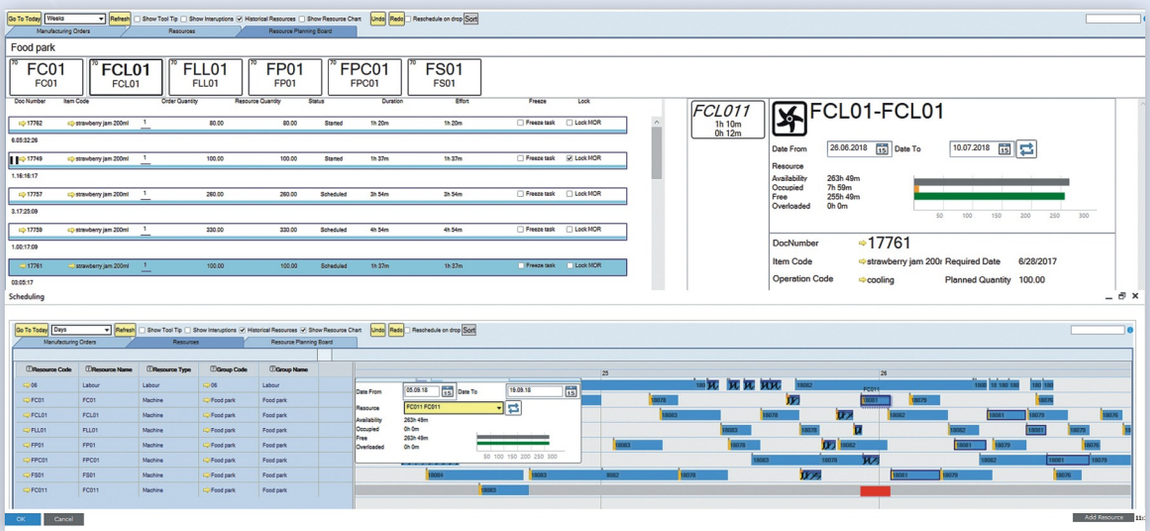
- Easy to modify and reschedule tasks via drag and drop
- Extensive filtering and sorting options
- Intuitive interface e.g. color-coded work time display
- Monitor the details of each order
- Plan immediate and long-term future operations
- Display current status, relevant historical data and pending tasks for each resource
- Spread orders across multiple resources
- Identify overloaded assets and receive system recommendations about alternative resources
- Manage interruptions to the manufacturing process to facilitate continuous production
- Receive notifications of holdups due to material shortages
- "Lock" set tasks into designated time periods
- Block all Manufacturing Orders
- See the knock-on effects of changes to the Gantt Chart across your operations

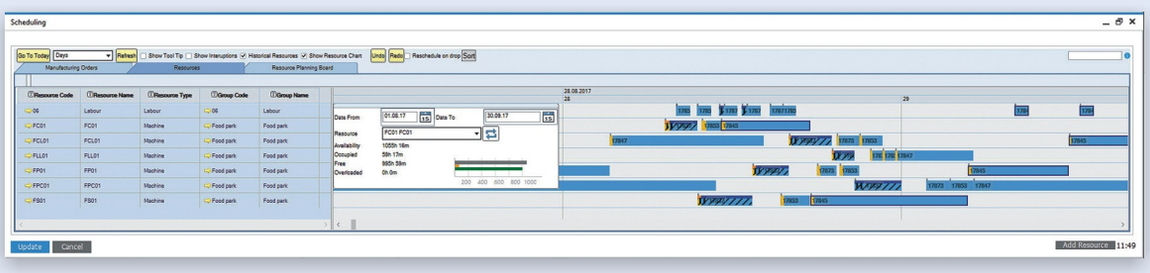
PLANNING USING RELATIONSHIPS

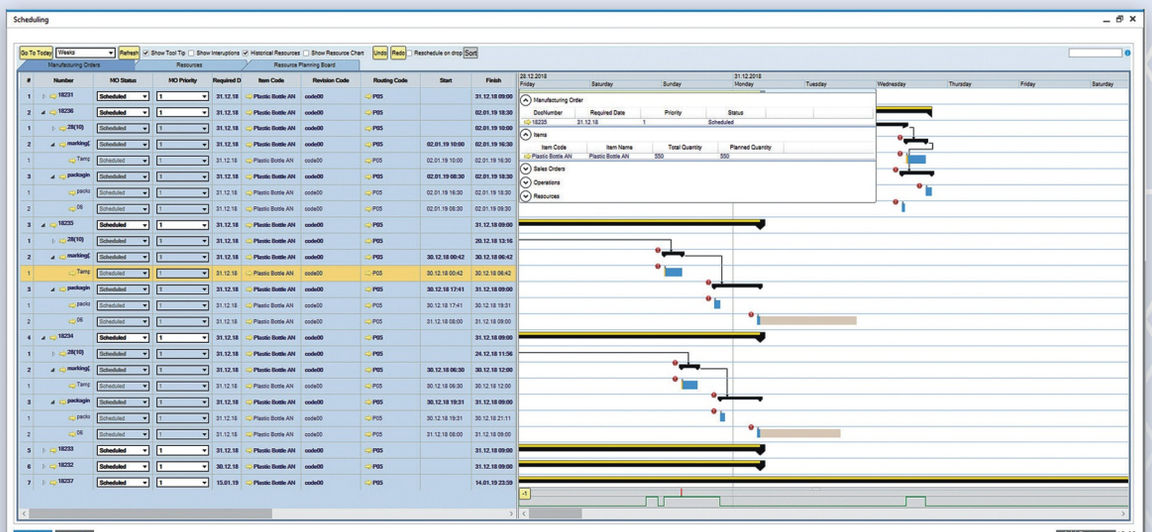
- Initiate work on Manufacturing Orders when you are sure all the pieces are in place
- Prioritize urgent or important orders
- Monitor the relationships between various stages of the production process
- Schedule Manufacturing Orders so they are completed according to customer agreements
- Identify scheduling conflicts immediately as they arise.

CompuTec ProcessForce will send users alerts and warnings when production capacity is exceeded or delivery times cannot be met. The nearest possible delivery date will be calculated too.


Scheduling Board
Lock Quantity for Semi MO
Link ChildMors
Update/...
Cancel
Add rows
Filtering
Reschedule


Food park
FC01
FCL01
FLL01
FP01
FPC01
FS01
FCL011
1h 10m
0h 12m
FCL01-FCL01
Date From
26.06.2018
Date To
10.07.2018
Resource
Availability 263h 49m
Occupied 7h 59m
Free 255h 49m
Overloaded 0h 0m
DocNumber 17761
Item Code strawberry jam 200
Required Date 6/28/2017
Operation Code cooling
Planned Quantity 100.00
Scheduling
OK
Cancel

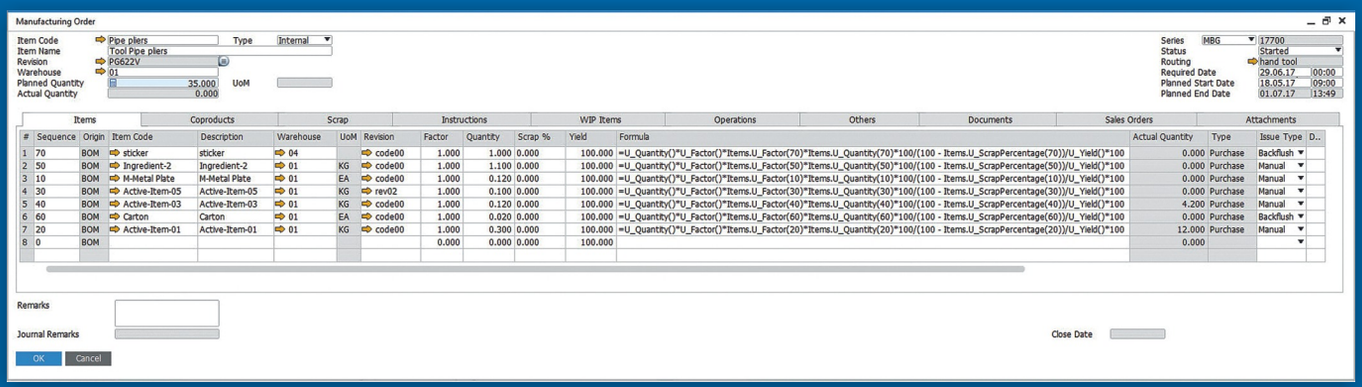

Scheduling
Update
Cancel
Add Resource

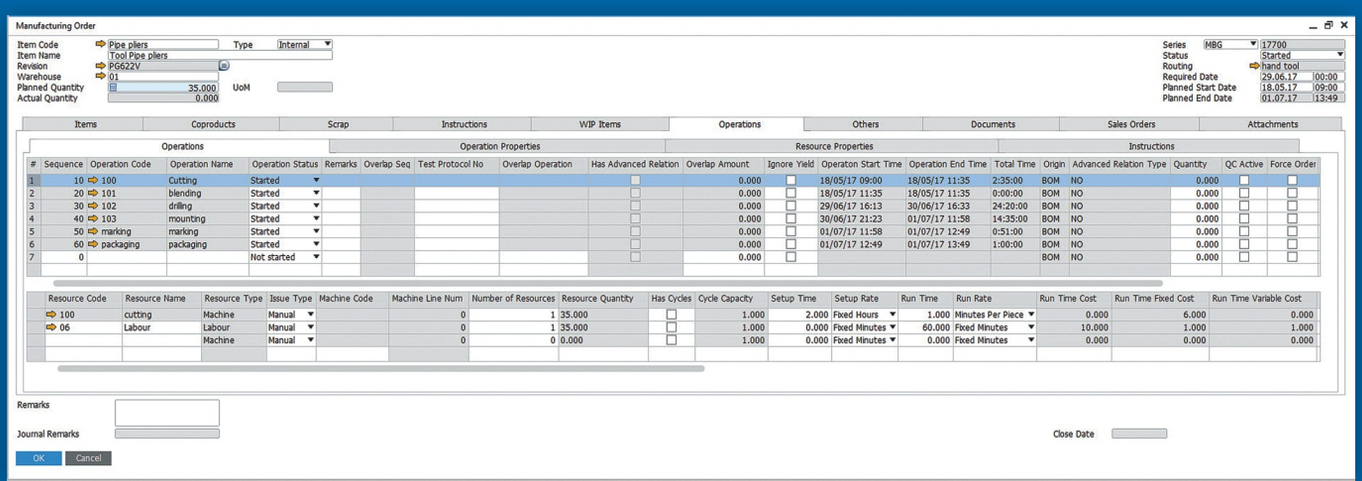

Scheduling
Update
Cancel
Add Resource

MANUFACTURING ORDERS

CompuTec ProcessForce's Manufacturing Order gives you meticulous control over planning, executing and recording production activities and provide you with the tools you need to make sure your factory is running efficiently and you meet the delivery dates you have promised.

- Order dependent recipes and routings
  - Modify product structures and production processes to manage everyday changes in production
- Backwards and forwards scheduling
  - Plan production start and end dates
  - Accurate lead time calculation
  - Strategic order prioritization
- Wide-range of document creation options
  - Issue to Production
  - Receipt from Production
  - Stock Transfer documents
- Register co-products as they are manufactured
- Comprehensive usable and technological scrap management tools
- Control document workflow and task progress using the CompuTec ProcessForce relationship map
- Create large Manufacturing Orders based on multiple Sales Orders
- Manage and optimize warehouse movements
  - Check availability of materials and component parts
  - Receive alerts when shortages occur
  - Gain insights into picking and receiving processes
- Subcontracting management features:
  - Define your suppliers and specify the scope of their service
  - Generate Purchase Requests or Purchase Orders for services
  - Procurement and material reports
- Record worktime – enhanced functionality when used in conjunction with CompuTec PDC (Plant Data Capture)
- Set up quality control testing rules according to customer requirements
- Oversee the relationships between all the operations associated with a particular manufacturing order
- Use the operation bind to ensure the correct materials are issued to each operation
- Initiate orderless production
  - Use statistical data and projections to plan production
  - Spread out production evenly to avoid bottlenecks and backlogs
  - Track cost details throughout the entire process


Manufacturing Order
Item Code Pipe pliers
Item Name Tool Pipe pliers
Revision PG622V
Warehouse 01
Planned Quantity 35.000
Actual Quantity 0.000
Type Internal
UoM
Series MBG 17700
Status Started
Routing hand tool
Required Date 29.06.17 00:00
Planned Start Date 18.05.17 09:00
Planned End Date 01.07.17 13:49
Items Coproducts Scrap Instructions WIP Items Operations Others Documents Sales Orders Attachments
Sequence Origin Item Code Description Warehouse UoM Revision Factor Quantity Scrap % Yield Formula Actual Quantity Type Issue Type D..
1 70 BOM sticker sticker 04 code00 1.000 1.000 0.000 100.000 =U_Quantity()*U_Factor()*Items.U_Factor(70)*Items.U_Quantity(70)*100/(100 - Items.U_ScrapPercentage(70))/U_Yield()*100 0.000 Purchase Backflush
2 50 BOM Ingredient-2 Ingredient-2 01 KG code00 1.000 1.100 0.000 100.000 =U_Quantity()*U_Factor()*Items.U_Factor(50)*Items.U_Quantity(50)*100/(100 - Items.U_ScrapPercentage(50))/U_Yield()*100 0.000 Purchase Manual
3 10 BOM M-Metal Plate M-Metal Plate 01 EA code00 1.000 0.120 0.000 100.000 =U_Quantity()*U_Factor()*Items.U_Factor(10)*Items.U_Quantity(10)*100/(100 - Items.U_ScrapPercentage(10))/U_Yield()*100 0.000 Purchase Manual
4 30 BOM Active-Item-05 Active-Item-05 01 KG rev02 1.000 0.100 0.000 100.000 =U_Quantity()*U_Factor()*Items.U_Factor(30)*Items.U_Quantity(30)*100/(100 - Items.U_ScrapPercentage(30))/U_Yield()*100 0.000 Purchase Manual
5 40 BOM Active-Item-03 Active-Item-03 01 KG code00 1.000 0.120 0.000 100.000 =U_Quantity()*U_Factor()*Items.U_Factor(40)*Items.U_Quantity(40)*100/(100 - Items.U_ScrapPercentage(40))/U_Yield()*100 4.200 Purchase Manual
6 60 BOM Carton Carton 01 EA code00 1.000 0.020 0.000 100.000 =U_Quantity()*U_Factor()*Items.U_Factor(60)*Items.U_Quantity(60)*100/(100 - Items.U_ScrapPercentage(60))/U_Yield()*100 0.000 Purchase Backflush
7 20 BOM Active-Item-01 Active-Item-01 01 KG code00 1.000 0.300 0.000 100.000 =U_Quantity()*U_Factor()*Items.U_Factor(20)*Items.U_Quantity(20)*100/(100 - Items.U_ScrapPercentage(20))/U_Yield()*100 12.000 Purchase Manual
8 0 BOM 0.000 0.000 0.000 0.000
Remarks
Journal Remarks
Close Date
OK Cancel


Manufacturing Order
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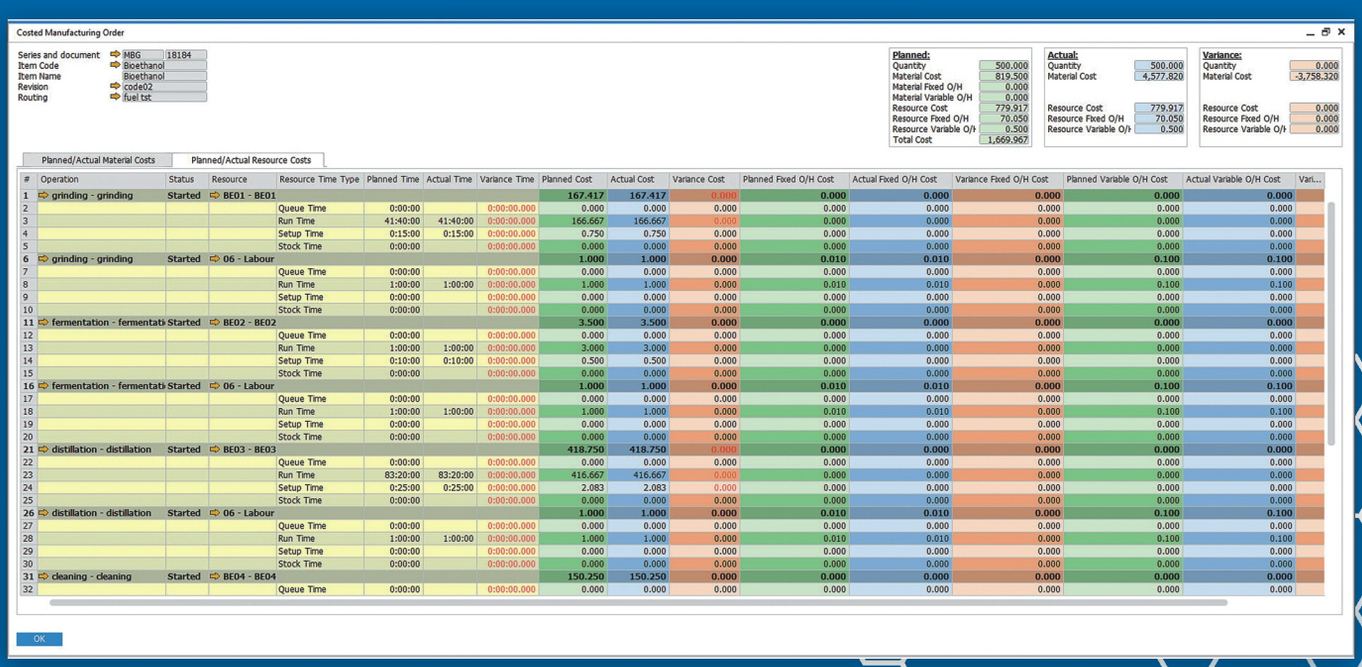
UoM
Series MBG 17700
Status Started
Routing hand tool
Required Date 29.06.17 00:00
Planned Start Date 18.05.17 09:00
Planned End Date 01.07.17 13:49
Items Coproducts Scrap Instructions WIP Items Operations Others Documents Sales Orders Attachments
Operations Operation Properties Resource Properties Instructions
Sequence Operation Code Operation Name Operation Status Remarks Overlap Seq Test Protocol No Overlap Operation Has Advanced Relation Overlap Amount Ignore Yield Operaton Start Time Operation End Time Total Time Origin Advanced Relation Type Quantity QC Active Force Order
1 10 100 Cutting Started 0.000 18/05/17 09:00 18/05/17 11:35 2:35:00 BOM NO 0.000
2 20 101 blending Started 0.000 18/05/17 11:35 18/05/17 11:35 0:00:00 BOM NO 0.000
3 30 102 drilling Started 0.000 29/06/17 16:13 30/06/17 16:33 24:20:00 BOM NO 0.000
4 40 103 mounting Started 0.000 30/06/17 21:23 01/07/17 11:58 14:35:00 BOM NO 0.000
5 50 marking marking Started 0.000 01/07/17 11:58 01/07/17 12:49 0:51:00 BOM NO 0.000
6 60 packaging packaging Started 0.000 01/07/17 12:49 01/07/17 13:49 1:00:00 BOM NO 0.000
7 0 Not started 0.000 BOM NO 0.000
Resource Code Resource Name Resource Type Issue Type Machine Code Machine Line Num Number of Resources Resource Quantity Has Cycles Cycle Capacity Setup Time Setup Rate Run Time Run Rate Run Time Cost Run Time Fixed Cost Run Time Variable Cost
100 cutting Machine Manual 0 1 35.000 1.000 2.000 Fixed Hours 1.000 Minutes Per Piece 0.000 6.000 0.000
06 Labour Labour Manual 0 1 35.000 1.000 0.000 Fixed Minutes 60.000 Fixed Minutes 10.000 1.000 1.000
Machine Manual 0 0 0.000 1.000 0.000 Fixed Minutes 0.000 Fixed Minutes 0.000 0.000 0.000
Remarks
Journal Remarks
Close Date
OK Cancel


Costed Manufacturing Order
Series and document MBG 18184
Item Code Bioethanol
Item Name Bioethanol
Revision code02
Routing fuel tst
Planned: Quantity 500.000 Material Cost 819.500 Material Fixed O/H 0.000 Material Variable O/H 0.000 Resource Cost 779.917 Resource Fixed O/H 70.050 Resource Variable O/H 0.500 Total Cost 1,669.967
Actual: Quantity 500.000 Material Cost 4,577.820 Resource Cost 779.917 Resource Fixed O/H 70.050 Resource Variable O/H 0.500
Variance: Quantity 0.000 Material Cost -3,758.320 Resource Cost 0.000 Resource Fixed O/H 0.000 Resource Variable O/H 0.000
Planned/Actual Material Costs Planned/Actual Resource Costs
Operation Status Resource Resource Time Type Planned Time Actual Time Variance Time Planned Cost Actual Cost Variance Cost Planned Fixed O/H Cost Actual Fixed O/H Cost Variance Fixed O/H Cost Planned Variable O/H Cost Actual Variable O/H Cost Vari...
1 grinding - grinding Started BE01 - BE01 167.417 167.417 0.000 0.000 0.000 0.000 0.000 0.000
2 Queue Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
3 Run Time 41:40:00 41:40:00 0:00:00.000 166.667 166.667 0.000 0.000 0.000 0.000 0.000 0.000 0.000
4 Setup Time 0:15:00 0:15:00 0:00:00.000 0.750 0.750 0.000 0.000 0.000 0.000 0.000 0.000 0.000
5 Stock Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
6 grinding - grinding Started 06 - Labour 1.000 1.000 0.000 0.010 0.010 0.000 0.100 0.100
7 Queue Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
8 Run Time 1:00:00 1:00:00 0:00:00.000 1.000 1.000 0.000 0.010 0.010 0.000 0.100 0.100 0.000
9 Setup Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
10 Stock Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
11 fermentation - fermentati Started BE02 - BE02 3.500 3.500 0.000 0.000 0.000 0.000 0.000 0.000
12 Queue Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
13 Run Time 1:00:00 1:00:00 0:00:00.000 3.000 3.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
14 Setup Time 0:10:00 0:10:00 0:00:00.000 0.500 0.500 0.000 0.000 0.000 0.000 0.000 0.000 0.000
15 Stock Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
16 fermentation - fermentati Started 06 - Labour 1.000 1.000 0.000 0.010 0.010 0.000 0.100 0.100
17 Queue Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
18 Run Time 1:00:00 1:00:00 0:00:00.000 1.000 1.000 0.000 0.010 0.010 0.000 0.100 0.100 0.000
19 Setup Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
20 Stock Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
21 distillation - distillation Started BE03 - BE03 418.750 418.750 0.000 0.000 0.000 0.000 0.000 0.000
22 Queue Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
23 Run Time 83:20:00 83:20:00 0:00:00.000 416.667 416.667 0.000 0.000 0.000 0.000 0.000 0.000 0.000
24 Setup Time 0:25:00 0:25:00 0:00:00.000 2.083 2.083 0.000 0.000 0.000 0.000 0.000 0.000 0.000
25 Stock Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
26 distillation - distillation Started 06 - Labour 1.000 1.000 0.000 0.010 0.010 0.000 0.100 0.100
27 Queue Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
28 Run Time 1:00:00 1:00:00 0:00:00.000 1.000 1.000 0.000 0.010 0.010 0.000 0.100 0.100 0.000
29 Setup Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
30 Stock Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
31 cleaning - cleaning Started BE04 - BE04 150.250 150.250 0.000 0.000 0.000 0.000 0.000 0.000
32 Queue Time 0:00:00 0:00:00.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
OK

BATCH CONTROL

With the help of CompuTec ProcessForce's batch management functions, you'll be able to track exactly who you bought inventory from, who you sold it to and everything that happened to it in-between making your life easier in terms of quality control, efficiency of workflow and customer relations.

- Batch consumption management
- Batch distribution management
- Access detailed data about each and every batch at the click of a button
- Batch transaction reports to trace all batch related documents and transactions

Expanded Batch Master Data

CompuTec ProcessForce's Batch Master Data keeps records of all the respective data your business needs.

- Date details e.g. admission, manufacture, expiry and inspection dates
- Properties e.g. physical or chemical definitions and nutritional information
- Quality control data
- Returns and complaints associated with each batch
- Custom fields to serve your business needs
- Set up batch templates to simplify and speed up batch creation

Batch and Serial Number management

Fully customizable batch and serial number generation tools mean that you can build the exact serial and batch numbers that you want in whatever format you want. You can use any information in your SAP Business One database, your own-predefined codes and system generated numbers and changing your set-up takes just a few minutes.

Shelf -Life management

- Optimize your picking methods
- Limit spoilage and deterioration of perishable goods
- Avoid costly returns and spoiled stock

Expiry dates play a huge role in consumer purchase decisions. By tightening up your shelf-life management procedures the retailers that you supply will have more lead time on the expiration dates of your products, helping them in turn to shift more product and most importantly boost your sales orders.

- Manage each batch on a FIFO, FEFO or FMFO basis
- Color coded expiry date warning system
- Customizable system alerts
- Advanced expiry date calculation engine
- Integrate minimum guaranteed shelf-life agreements into your system

BATCH TRACEABILITY

While inventory transparency is mandatory in almost every industry these days, entering and maintaining this kind of data manually is time-consuming and prone to errors. Using the CompuTec ProcessForce end-to-end Batch Traceability features, you can trace any batch throughout its entire lifecycle from its arrival at your production facility, through the production process to the final goods delivery to your customer with speed and accuracy to keep up with the demands of even the most heavily regulated industries.

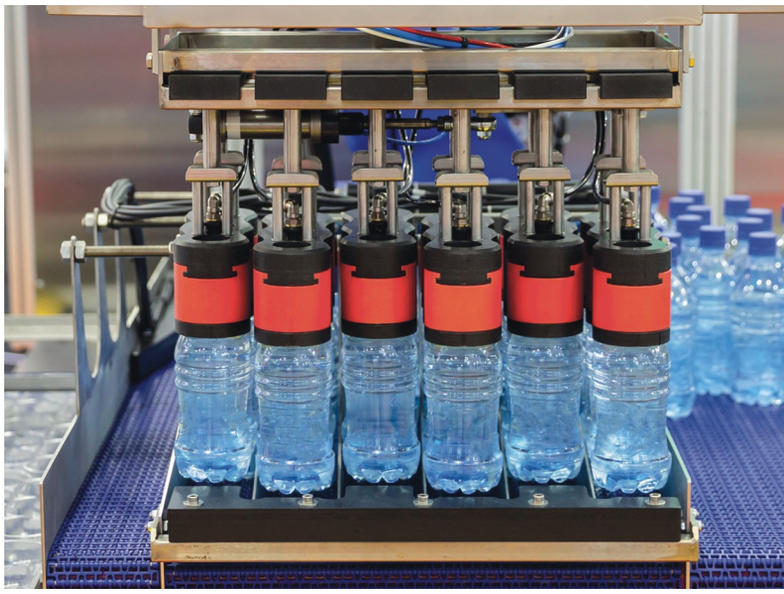
- Withdraw inventory from the supply chain with ease
- Follow up complaints efficiently
- Monitor and trace allergens and hazardous materials
- Pinpoint the root cause of quality control issues
- Identify your best and worst suppliers
- Gain control over final product quality
- Support product aftercare, upgrade customer service and issue warranties with confidence

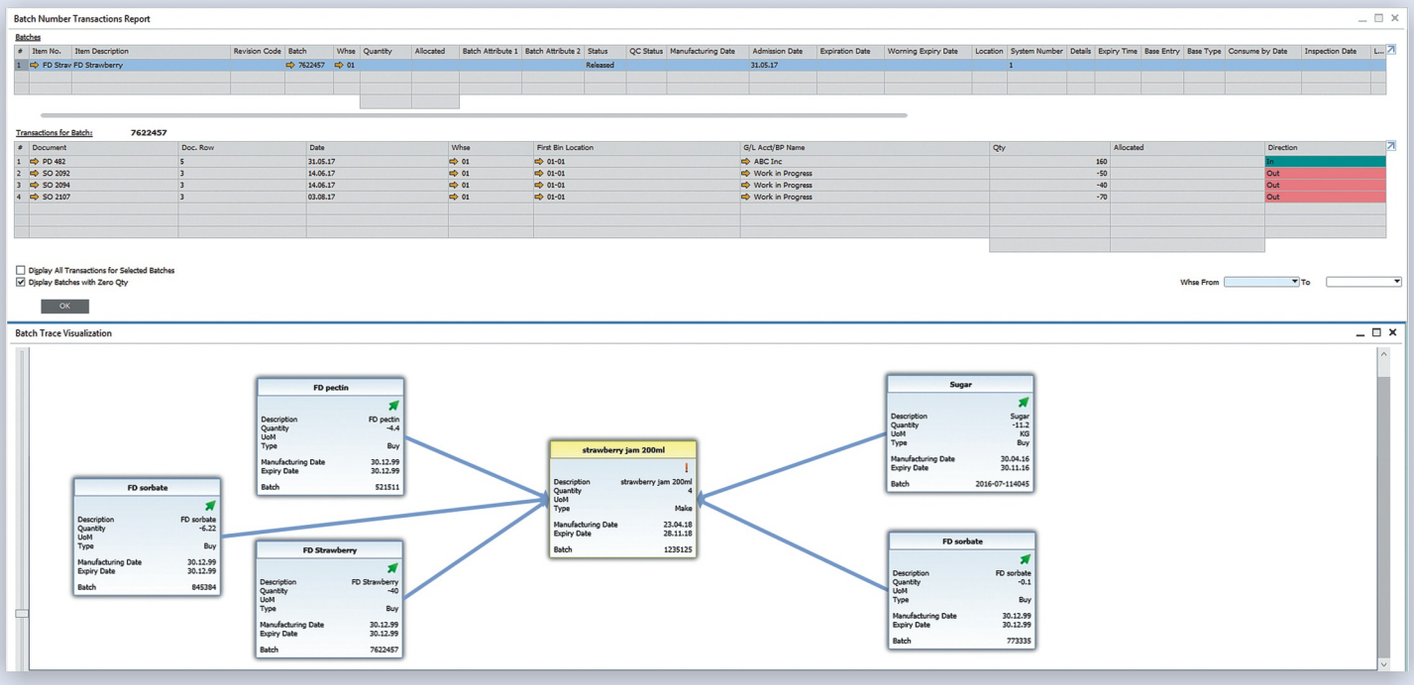
Batch Genealogy Trees

- Visualize your inventory's journey from start to finish
- Use any stage of the product lifecycle as a starting point
- Full batch history
- View complex product relationships

In order to ensure compliance with industry regulations and standards, our inventory needs to be fully traceable at any given moment and the bigger we get, the more complex that becomes. CompuTec ProcessForce has taken the hassle out of that whole process and eliminated that particular barrier to our company's growth.

Jaymie Crook,
Bosco and Roxy's, Canada





END-TO-END QUALITY MANAGEMENT

Today consumers are more demanding than ever before. There is no space for mistakes in today's fast-paced market which is why we designed CompuTec ProcessForce to provide a robust infrastructure for Quality Control at every stage of production, from the moment the goods arrive in your facility to the moment the final product is loaded onto the delivery vehicle.

Quality Control throughout the entire product life cycle

- In-bound testing upon receipt to the warehouse including Delivery Vehicle Inspection
- In-process testing during each phase of the production cycle
- Inventory testing including batch re-testing and other pre-dispatch checks

Quality Control Management tools

- Use business events, customizable triggers and SAP Business One Alert functions to advise users that a Quality Control Test is required to be performed.
- Automatic Quality Control test form generation on user-defined transactions and Manufacturing Order status changes
- Manage tests individually or in test pools (perform the same test on multiple samples)
- Test creation wizard which ensures no test gets missed
- View existing Quality Control tests by Manufacturing Order
- Define resources and tools to be used for testing and monitor consumption of materials used for Quality Control testing
- Specify even very complex testing rules and procedures as well as testing frequency
- Stipulate additional requirements and manage them using User-Defined Fields
- Designate Quality Control inspectors according to specialization, warehouse or accreditation

Customizable test result management

- Define test properties and defects
- Record multiple test results for each Quality Control test
- Assign test property and defect codes
- Manage batch or serial number status throughout the Quality Control process
- Group test results
- Track frequency of specific quality control passes and fails for reporting and analysis purposes

Fully integrated Compliance Management according to the regulations of the FDA, EFSA, FSANZ, ECHA, EPA or any other regulatory body.

Generate Non-Conforming Materials Reports

- Record additional data about test failures
- Initiate action plans to remedy or determine the cause of failed Quality Control tests

Certificate of Analysis

- Confirms that each product meets all regulations and requirements
- Fully customizable according to each customer's needs
- Send Certificate of Analysis to your customers automatically

WHAT

Test and Item Properties to be tested

WHEN

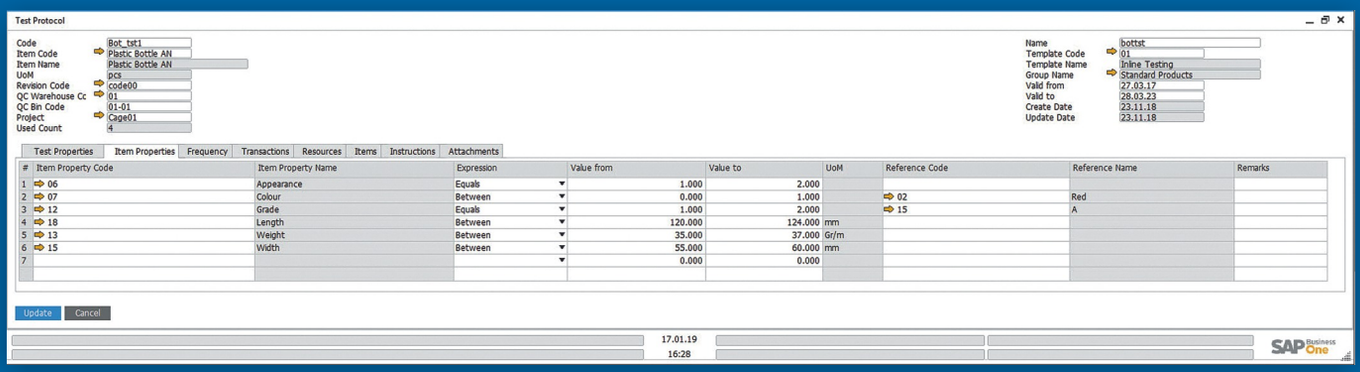
The frequency of testing

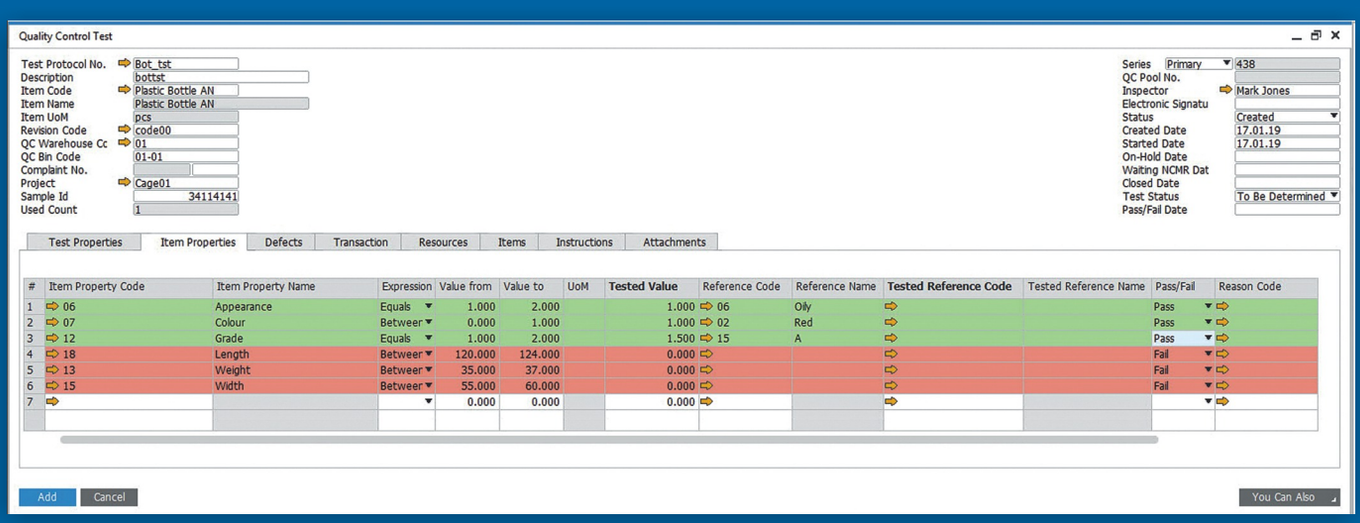
WHERE

The transaction the test will be performed on

WITH

The resources and items that are used within the testing process



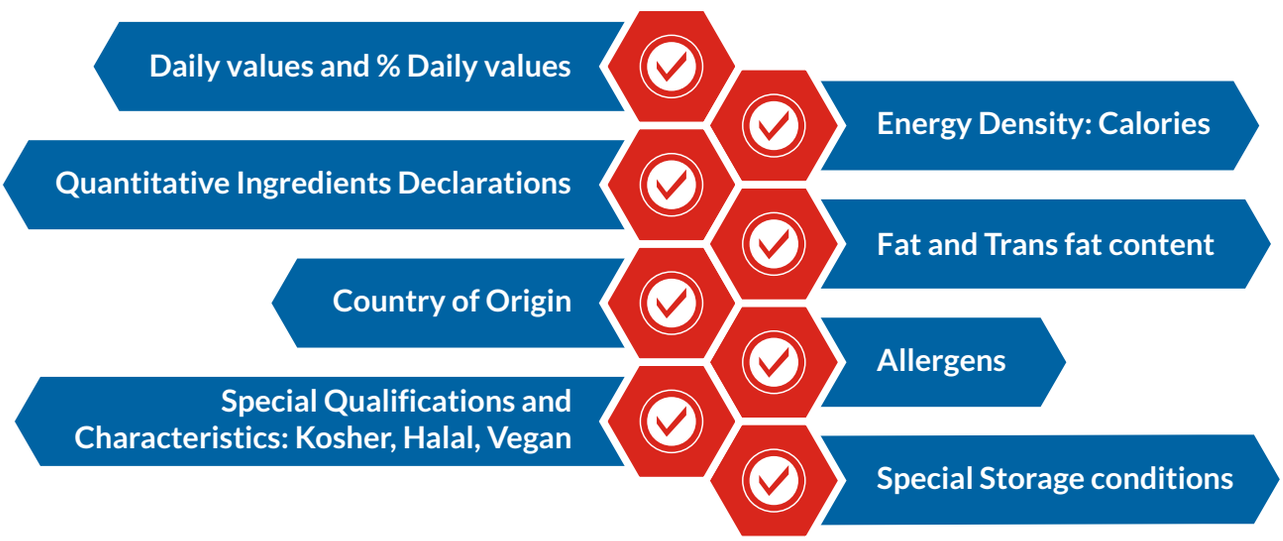


The incredibly useful scheduling module, extensive quality control management features and improved structure for the production process are all highly praised by our customers.

Halim Madid
Innov Business Services, France & Tunisia

INGREDIENTS CALCULATION AND DECLARATION

To avoid the dire consequences of incorrectly and insufficiently labelled products in regulated industries, CompuTec ProcessForce makes sure you know exactly what is in each of your final products and you can declare ingredients with confidence and accuracy.



CompuTec ProcessForce is the only solution on the market that offers the detailed functionalities required by the food and beverage industry whilst being both a solution that is native to SAP Business One and easy to implement and use.

Lindsay Pointon
Signum Solutions, United Kingdom

- Calculate nutrients, allergens and contaminants on any item, formula or Bill of Materials
- Base calculations on default sample sizes, serving sizes or containers
- Integrate adherence to regulatory standards into your production processes
- Assign codes in accordance with regulations
- Define alternative code – common, scientific or Codex Alimentarius INS or EAU numbers
- Make factual health and nutritional claims

Additional features for CompuTec Labels users:

- Install templates for rapid data entry and label creation
- Customizable product labeling e.g. free-from labeling such as GM Free, Sugar Free, Dairy Free, Gluten Free etc.

Nutrition Facts

8 servings per container

Serving size **2/3 cup (55g)**

Amount per serving

Calories **230**

	% Daily Value*
Total Fat 8g	**10%**
Saturated Fat 1g	**5%**
Trans Fat 0g	
Cholesterol 0mg	**0%**
Sodium 160mg	**7%**
Total Carbohydrate 37g	**13%**
Dietary Fiber 4g	**14%**
Total Sugars 12g	
Includes 10g Added Sugars	**20%**
Protein 3g	
Vitamin D 2mcg	10%
Calcium 260mg	20%
Iron 8mg	45%
Potassium 235mg	6%

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet 2,000 calories a day is used for general nutrition advice.

COMPLAINT MANAGEMENT

Regardless of whether the complaint has originated from a customer, a vendor or even internally, CompuTec ProcessForce's complaint management functions provide a framework to ensure each and every issue is handled correctly and the appropriate remedial action is taken in every case.

- Track the progress of returns and samples from customers and suppliers
- Manage the entire lifecycle of complaints
- Trace batches and serial numbers associated with complaints
- Record complaint type, code and action taken
- Trigger quality control tests and product recalls
- Customizable system alerts to ensure swift response times

Designed to give complete transparency over your complaint procedures, CompuTec ProcessForce allows you to manage your complaints using complaint codes, status, date, batch or serial numbers. You can attach notes and images to each complaint or link them to quality control tests. You'll receive alerts, be able to create reports and if necessary instigate hassle-free product recall procedures.

Because all CompuTec ProcessForce users in your enterprise will have access to up-to-date, detailed information about complaints and their current status, all your employees will have the tools to be more responsive. This is particularly advantageous for maintaining excellence in your warehousing practices.

DYNAMIC PRODUCT COSTING

CompuTec ProcessForce features a dynamic costing enhancement to SAP Business One which means complex calculations such as enterprise-wide cost-roll ups can be carried out in a fraction of the time it would otherwise take.

- **Measure financial performance**
- **Customizable in-depth multi-level product costing**
- **Dynamic in-memory cost calculations for unprecedented speed**
- **Multi-structure fixed and variable overhead costs management**
- **Automatic currency conversion to your working currency**

Resource costing

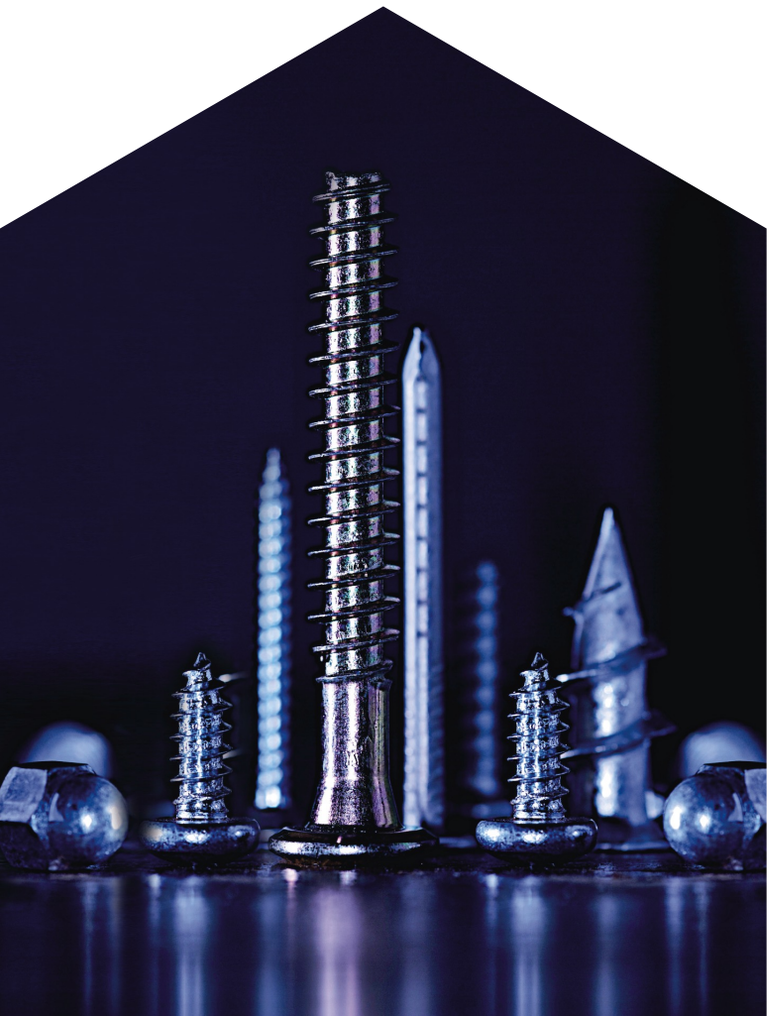
- Machinery – allocate costs to each phase in the machine's operational cycle
- Labor
- Subcontracting

Item costing

- Wide range of cost presentation methods
- Record and calculate coproducts and scrap
- Define costs on a warehouse-by-warehouse basis
- Divide overheads either by value or percentage

Cost Rollups

- Even extremely large and complex roll-ups can be completed in a matter of minutes
- Material costs and processing costs
- Customizable calculation methods



Manage multiple cost categories for "what-if" simulations and analysis

- Compare current and future costs
- See how improvement projects and price changes will impact production and analyze the potential for savings
- Implement your preferred cost category at the click of a button
- Automatic inventory reevaluation when you select your preferred cost category

Wide range of cost allocation and cost calculation methods based on SAP Business One Item Master Data

- Standard Costing – for items with static costs
- Moving average – for items with volatile costs
- FIFO – for perishable goods
- Batch / Serial Number – when costs for each batch or item purchased tends to vary

Costed Bill of Materials

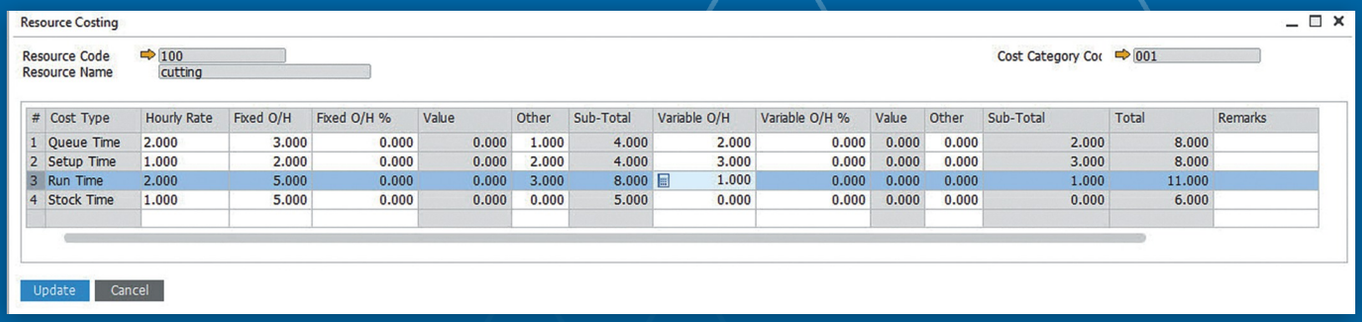
- Check how different suppliers, components or ingredients, machinery, labor and subcontractors will affect the cost of your final product
- Unlimited simultaneous product revisions to help you evaluate the best production materials and methods
- An invaluable tool in negotiating terms and pricing with potential customers and evaluating risk

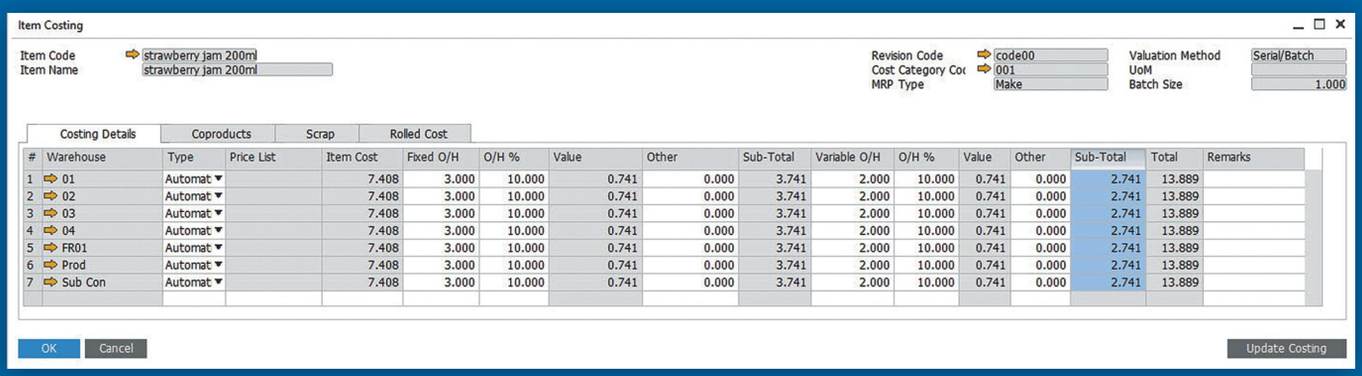
Production costing analysis – planned vs. actual

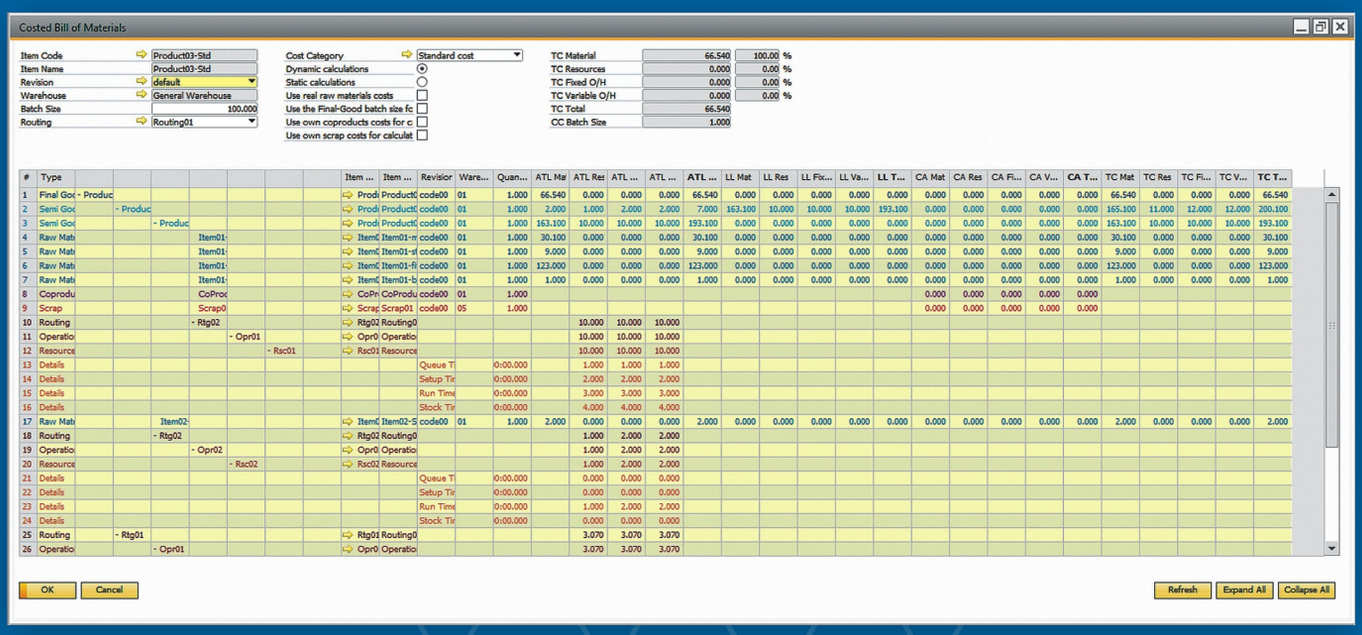
- Compare forecasted and real financial performance for each Manufacturing Order
- Analyze production costs and take corrective actions where applicable

Costing reports

- Costing Variance Report
- Production Efficiency Report


Resource Costing
Resource Code 100
Resource Name cutting
Cost Category Co 001
Cost Type Hourly Rate Fixed O/H Fixed O/H % Value Other Sub-Total Variable O/H Variable O/H % Value Other Sub-Total Total Remarks
1 Queue Time 2.000 3.000 0.000 0.000 1.000 4.000 2.000 0.000 0.000 0.000 2.000 8.000
2 Setup Time 1.000 2.000 0.000 0.000 2.000 4.000 3.000 0.000 0.000 0.000 3.000 8.000
3 Run Time 2.000 5.000 0.000 0.000 3.000 8.000 1.000 0.000 0.000 0.000 1.000 11.000
4 Stock Time 1.000 5.000 0.000 0.000 0.000 5.000 0.000 0.000 0.000 0.000 0.000 6.000
Update
Cancel


Item Costing
Item Code strawberry jam 200ml
Item Name strawberry jam 200ml
Revision Code code00
Cost Category Co 001
MRP Type Make
Valuation Method Serial/Batch
UoM
Batch Size 1.000
Costing Details
Coproducts
Scrap
Rolled Cost
Warehouse Type Price List Item Cost Fixed O/H O/H % Value Other Sub-Total Variable O/H O/H % Value Other Sub-Total Total Remarks
1 01 Automat 7.408 3.000 10.000 0.741 0.000 3.741 2.000 10.000 0.741 0.000 2.741 13.889
2 02 Automat 7.408 3.000 10.000 0.741 0.000 3.741 2.000 10.000 0.741 0.000 2.741 13.889
3 03 Automat 7.408 3.000 10.000 0.741 0.000 3.741 2.000 10.000 0.741 0.000 2.741 13.889
4 04 Automat 7.408 3.000 10.000 0.741 0.000 3.741 2.000 10.000 0.741 0.000 2.741 13.889
5 FR01 Automat 7.408 3.000 10.000 0.741 0.000 3.741 2.000 10.000 0.741 0.000 2.741 13.889
6 Prod Automat 7.408 3.000 10.000 0.741 0.000 3.741 2.000 10.000 0.741 0.000 2.741 13.889
7 Sub Con Automat 7.408 3.000 10.000 0.741 0.000 3.741 2.000 10.000 0.741 0.000 2.741 13.889
OK
Cancel
Update Costing


Costed Bill of Materials
Item Code Product03-Std
Item Name Product03-Std
Revision default
Warehouse General Warehouse
Batch Size 100.000
Routing Routing01
Cost Category Standard cost
Dynamic calculations
Static calculations
Use real raw materials costs
Use the Final-Good batch size fc
Use own coproducts costs for c
Use own scrap costs for calculat
TC Material 66.540 100.00 %
TC Resources 0.000 0.00 %
TC Fixed O/H 0.000 0.00 %
TC Variable O/H 0.000 0.00 %
TC Total 66.540
CC Batch Size 1.000
OK
Cancel
Refresh
Expand All
Collapse All

MATERIAL RESOURCE PLANNING

Finding the balance between supply and demand

CompuTec ProcessForce's Material Resource Planning (MRP) functionality orchestrates the flow of components, ingredients and parts throughout your organization.

- Optimize MRP by means of true data integrity Up-to-date, error-free data will allow you to plan manufacturing activities, delivery schedules and purchasing activities, offer recommendations and generate real-time reports
- Run MRP for default product revisions
- Forecast the flow of inventory
- Receive system recommendations about material reserves
- Ensure availability of materials for production and of final goods for shipping
- Maintain minimal stock levels to free up capital and reduce warehousing costs while still preventing shortages
- Shorten lead times and enhance productivity
- Promise accurate lead times to your customers and increase customer satisfaction

REPORTING AND ANALYTICS

CompuTec ProcessForce draws on your data and calculations to generate a wide range of cost and production efficiency reports. With this information at your fingertips you can ensure your production processes are optimized from start to finish and your machine park is operating at maximum efficiency.

- Real-time analytics for fast, data-driven decision making
- Compare and analyze current and historical performance to determine areas for improvement and take action
- Drill down key data to get the level of detail you need
- Choice of Reporting Tools: User Queries, SAP Crystal Reports, Semantic Layer, KPI and Dashboards widgets, Excel Reports and Interactive Analysis, SAP Analytics Cloud
- Set up automated triggers for report creation and email reports to the appropriate recipients
- Identify the causes of downtime and other areas for improvement and decide on the best investment strategies to improve efficiency in your production process.

Manufacturing Order Reports

- Compare the planned and actual costs of the entire production process for each order
- Break down costs into material and resource costs and compare planned vs. actual values
- Review current resource status along with its planned and current workflow

Supplier Scorecard – evaluate suppliers' performance based on information about quality, quantity accuracy and punctuality of deliveries.

Non-Conforming Materials Report – report non-conforming material identified during Quality Control procedures or inventory movements.

Certificate of Analysis (CoA) – confirm the compliance of regulated products.

CompuTec ProcessForce data can be used with all SAP HANA reporting and analytics capabilities to create a wide variety of other reports depending on your needs.

PRODUCTION VARIANCES REPORT

DATE (Multiple Items)
STATUS CL

MO	Item code	Planned quantity	Actual quantity	Planned issue	Standard issue	Actual issued	WIP Variance	Planned receipt	Actual receipt	Labor planned	Standard labor	Labor booked	Labor variance	Total variance	Standard hours	Standard hours p/piece	Actual hours	Cost p/hour	Efficiency %
1975	45108	6 392	6231	14710,72	14340,19	0	-14340,19	44243,24	43128,85	1775,38	1730,66	1706,25	-24,41	-14364,6	69,2263	0,01111	68,25	25	101,43%
1979	80227	2 880	2684	5579,08	5199,39	5547,73	348,34	7644,61	7356,66	1316,04	1266,47	1427,99	161,52	509,86	12,239	0,00456	14,25	100,21	85,89%
2000	7953411	5 400	5400	3368,59	3368,59	3313,26	-55,33	3788,86	3788,86	503,25	503,25	526,1	22,85	-32,48	5,0219	0,00093	5,25	100,21	95,66%
2001	7951562	4 400	3941	2616,11	2343,21	1867,23	-475,98	2964,68	2655,41	410,05	367,27	425,89	58,62	-417,36	3,6651	0,00093	4,25	100,21	86,24%
2002	7953563	4 500	3850	2673,11	2287	2734,4	447,4	3029,72	2592,09	419,38	358,8	526,1	167,3	614,7	3,5805	0,00093	5,25	100,21	68,20%
2005	670437	810	814	1458,1	1465,3	1484,37	19,07	1649,05	2453,21	232,29	345,57	225,47	-120,1	-101,03	2,3295	0,00286	2,25	100,21	103,53%
2006	670472	520	522	1709,43	1716	1641,29	-74,71	1959,98	1967,52	254,81	255,79	250,53	-5,26	-79,97	2,5526	0,00489	2,5	100,21	102,10%
2008	670484	1	0	2,2	0	0	0	2,46	0	390,6	0	0	0	0	0	3,89778	0	100,21	0,00%
2011	670709	1	0	2,58	0	0	0	2,99	0	0,39	0	0	0	0	0	0,00389	0	100,21	0,00%
2012	670710	400	387	645,76	624,78	1257,7	632,92	1236	687,81	68,14	37,92	1152,42	1114,5	1747,42	0,6579	0,0017	11,5	100,21	5,72%
2016	670546	7 989	8124	11864,88	12065,37	0	-12065,37	13355,53	13485,84	1149,58	1160,8	876,84	-283,96	-12349,33	11,6655	0,00144	8,75	100,21	133,32%
2019	173000	9 000	9018	17302,11	17336,72	6725,45	-10611,27	22230,41	24078,06	6710,06	7267,76	6814,28	-453,48	-11064,75	67,0939	0,00744	68	100,21	98,67%
2020	670706	1 000	998	2407,55	2402,73	2446,36	43,63	2616,97	1616,76	209,44	129,39	926,94	797,55	841,18	2,0858	0,00209	9,25	100,21	22,55%
2030	63208	2 729	2596	3827,99	3641,43	4537,28	895,85	6438,93	6125,12	1443,64	1373,28	1450	76,72	972,57	54,9313	0,02116	58	25	94,71%
2031	63213	262	208	249,08	197,74	445,08	247,34	973,14	772,57	202,13	160,47	193,75	33,28	280,62	6,4188	0,03086	7,75	25	82,82%
2037	797443	1 440	1455	2804,89	2834,11	2822,28	-11,83	3994,84	4036,46	3943,76	3984,85	1314,59	-2670,26	-2682,09	39,7649	0,02733	4,3728	100,21	909,37%
2047	63232	1 690	1559	2314,77	2135,34	2993,29	857,95	4035,38	3722,58	894,01	824,71	925	100,29	958,24	32,9883	0,02116	37	25	89,16%
2051	73806	6 900	6133	19139,9	17012,32	4392,68	-12619,64	27536,4	23980,03	7854,85	6840,38	8442,69	1602,31	-11017,33	69,6708	0,01136	84,25	100,21	82,70%
2056	797819	9 800	10002	5491,73	5604,93	5554,16	-50,77	8592,64	8769,75	815,85	832,67	815,85	-16,82	-67,59	33,3065	0,00333	32,6339	25	102,06%
2064	670552	2 720	2760	3915,67	3973,25	0	-3973,25	4445,05	4471,2	490,61	493,5	1503,15	1009,65	-2963,6	4,9678	0,0018	15	100,21	33,12%
2068	680094	900	912	1086,94	1101,43	0	-1101,43	1261,42	1258,56	170,58	170,19	0	-170,19	-1271,62	1,7249	0,00189	0	100,21	0,00%
2079	807233	1	0	0,35	0	0	0	0,46	0	177,48	0	0	0	0	0	1,77111	0	100,21	0,00%
2086	670486	359	360	692,31	694,24	0	-694,24	765,4	0	55,39	0	50,11	50,11	-644,13	0,5543	0,00154	0,5	100,21	110,86%
2109	81478	1 440	1416	4283,58	4212,19	5821,85	1609,66	5468,02	5376,88	1314,59	1292,68	2104,41	811,73	2421,39	12,8997	0,00911	21	100,21	61,43%
2110	81484	1 440	1536	5627,59	6002,77	6033,8	31,03	6781,93	7234,07	1314,59	1402,23	1427,99	25,76	56,79	13,9929	0,00911	14,25	100,21	98,20%
2113	670493	2 926	0	8238,22	0	0	0	8573,88	0	536,57	0	542,72	542,72	542,72	0	0,00183	5,4158	100,21	0,00%
2122	73803	7 700	7718	18324,02	18366,86	18267,64	-99,22	28458,07	28479,54	10231,64	10239,36	10421,84	182,48	83,26	102,3406	0,01326	104	100,21	98,40%
2123	1779	10 500	7313	11162,5	7774,42	7793,54	19,12	11612,91	10165,07	3430,19	3002,53	3532,4	529,87	548,99	23,8404	0,00326	35,25	100,21	67,63%
2135	670555	3 145	3207,5	4942,01	5040,22	0	-5040,22	5636,06	5677,28	1260,64	1289,86	601,26	-688,6	-5708,82	12,83	0,004	3	100,21	427,67%
2140	670337	1 712	1766	3306,94	3411,24	0	-3411,24	3687,08	3726,26	717,08	724,65	726,52	1,87	-3409,37	7,381	0,00418	7,25	100,21	101,81%
2149	63129	296	296	1640,61	1640,61	1735,28	94,67	1975,15	1975,15	213,56	213,56	293,75	80,19	174,86	8,5425	0,02886	11,75	25	72,70%
2150	63216	72	72	328,85	328,85	599,07	270,22	505,66	505,66	222,22	222,22	218,76	-3,46	266,76	8,8889	0,12346	5,369	25	165,56%
2155	45078	327	322	1237,27	1218,35	1825,77	607,42	2558,74	2519,61	605,6	596,34	437,5	-158,84	448,58	23,8535	0,07408	10,738	25	222,14%
2158	80747	5 864	5720	16524,19	16118,42	16147,33	28,91	25684,32	25056,11	7791,97	7601,39	7666,07	64,68	93,59	75,847	0,01326	76,5	100,21	99,15%
2174	80127	2 700	2720	6551,26	6599,79	6627,31	27,52	8775	8908,32	2819,3	2862,13	5311,13	2449	2476,52	28,3423	0,01042	53	100,21	53,48%
2188	670591	3 331	3363,5	3645,88	3681,45	0	-3681,45	4144,5	4184,93	587,48	593,21	726,52	133,31	-3548,14	5,9197	0,00176	7,25	100,21	81,65%

Sheet1

Manufactoring Order Resource - Overview

CompuTec
#InnovationMatters

MOR		Operation							Resource														
									planned						actual						reasons		
DocNu	Statu	Se	Name	Statu	Advanc	LineNu	Ty	Name	Statu	start	end	time [HN	time [se	qty	temp	start	end	time [HN	time [se	qty	temp	rework	scrap
160007011	Closed	50	Operation 1	Finished	100%	3	M	resource 1	Finished	10-13-2018	10-15-2018	27:43:00	99780	500 000,00		10-24-2018	11-14-2018	77:10:41	277841	488 216,00			
160007011	Closed	50	Operation 2	Finished	100%	10	T	resource 2	Finished	10-14-2018	10-15-2018	27:43:00	99780	500 000,00									
160007011	Closed	50	Operation 3	Finished	100%	11	T	resource 3	Finished	10-14-2018	10-15-2018	27:43:00	99780	500 000,00									
160007001	Closed	70	Operation 4	Finished	100%	5	M	resource 4	Finished	10-11-2018	10-11-2018	1:21:00	4860	35 000,00		11-25-2018	11-25-2018	2:08:59	7739	35 000,00			
160007001	Closed	70	Operation 5	Finished	80%	16	T	resource 5	Finished	10-11-2018	10-11-2018	1:21:00	4860	35 000,00									
160007005	Closed	50	Operation 6	Finished	100%	10	T	resource 6	Finished	10-20-2018	10-21-2018	9:49:00	35340	100 000,00									
160007005	Closed	50	Operation 7	Finished	100%	3	M	resource 7	Finished	10-20-2018	10-21-2018	9:49:00	35340	100 000,00		11-17-2018	11-25-2018	41:49:23	150563	143 301,00			
160007015	Closed	60	Operation 8	Finished	100%	13	T	resource 8	Finished	10-04-2018	10-05-2018	1:11:00	4260	11 500,00									
160007015	Closed	60	Operation 9	Finished	80%	4	M	resource 9	Finished	10-04-2018	10-05-2018	1:11:00	4260	11 500,00									
160007009	Closed	60	Operation 10	Finished	80%	12	T	resource 10	Finished	10-04-2018	10-04-2018	11:17:00	40620	111 000,00									
160007009	Closed	60	Operation 11	Finished	80%	3	M	resource 11	Finished	10-04-2018	10-04-2018	11:17:00	40620	111 000,00									
160007017	Closed	50	Operation 12	Finished	80%	19	T	resource 12	Finished	10-05-2018	10-05-2018	0:23:00	1380	2 020,00									
160007017	Closed	50	Operation 13	Finished	100%	7	M	resource 13	Finished	10-05-2018	10-05-2018	0:23:00	1380	2 020,00		10-13-2018	10-13-2018	0:32:00	1920	2 090,00			
160007014	Closed	50	Operation 14	Finished	100%	1	M	resource 14	Finished	10-03-2018	10-03-2018	0:20:00	1200	4 740,00									
160007008	Closed	50	Operation 15	Finished	100%	1	M	resource 15	Finished	10-02-2018	10-02-2018	0:32:00	1920	7 616,00									
160007011	Closed	20	Operation 16	Finished	100%	5	M	resource 16	Finished	10-17-2018	10-17-2018	14:05:56	50756	126 889,00		10-17-2018	10-18-2018	26:30:43	95443	181 300,00			
160007005	Closed	20	Operation 17	Finished	100%	5	M	resource 17	Finished	10-21-2018	10-21-2018	5:43:00	20580	50 862,00		11-16-2018	11-16-2018	7:15:42	26142	51 062,00			
160007017	Closed	20	Operation 18	Finished	100%	4	M	resource 18	Finished	10-06-2018	10-06-2018	0:15:00	900	2 060,00		10-06-2018	10-06-2018	0:15:09	909	2 060,00			
160007010	Closed	10	Operation 19	Finished	100%	5	M	resource 19	Finished	10-03-2018	10-03-2018	0:07:00	420	2,00									
160007016	Closed	10	Operation 20	Finished	75%	4	M	resource 20	Finished	10-03-2018	10-03-2018	0:07:00	420	2,00									
160007007	Closed	10	Operation 21	Finished	100%	4	M	resource 21	Finished	10-03-2018	10-03-2018	0:07:00	420	2,00		10-10-2018	10-10-2018	0:12:27	747	4,00			
160007013	Closed	10	Operation 22	Finished	100%	4	M	resource 22	Finished	10-03-2018	10-03-2018	0:07:00	420	2,00		10-07-2018	10-07-2018	0:00:11	11	2,00			
160007004	Closed	10	Operation 23	Finished	100%	4	M	resource 23	Finished	10-03-2018	10-03-2018	0:07:00	420	2,00		10-14-2018	10-14-2018	0:05:06	306	2,00			
160007009	Closed	30	Operation 24	Finished	75%	5	M	resource 24	Finished	10-04-2018	10-04-2018	2:08:00	7680	18 819,00									
160007001	Closed	40	Operation 25	Finished	75%	3	M	resource 25	Finished	10-18-2018	10-18-2018	0:13:00	780	1 771,00		11-17-2018	11-17-2018	0:33:45	2025	1 850,00			
160007003	Closed	30	Operation 26	Finished	75%	4	M	resource 26	Finished	10-18-2018	10-18-2018	0:09:00	540	1 142,00		11-17-2018	11-17-2018	0:38:48	2328	1 250,00			
160007015	Closed	30	Operation 27	Finished	100%	2	M	resource 27	Finished	10-11-2018	10-11-2018	0:14:00	840	1 953,00									
160007014	Closed	20	Operation 28	Finished	100%	6	M	resource 28	Finished	10-01-2018	10-01-2018	0:07:30	450	4 918,00									
160007008	Closed	20	Operation 29	Finished	100%	6	M	resource 29	Finished	10-01-2018	10-01-2018	0:12:00	720	7 827,00									
160007002	Closed	20	Operation 30	Finished	100%	7	M	resource 30	Finished	10-03-2018	10-03-2018	0:03:00	180	1 273,00		10-03-2018	10-06-2018	0:11:17	677	1 273,00			
160007010	Closed	40	Operation 31	Finished	100%	3	M	resource 31	Finished	10-01-2018	10-02-2018	0:02:00	120	935,00									
160007016	Closed	40	Operation 32	Finished	100%	2	M	Linia Polar	Finished	10-04-2018	10-04-2018	0:04:00	240	1 781,00									

Sheet1 | Sheet1 (2)

BESPOKE EXTENSIONS

All CompuTec ProcessForce customers have access to CompuTec AppEngine, an OData v4 application programming interface. This opens up infinite possibilities.

- Aids integrations with machinery and other IT solutions based on HTTP protocols
- Develop or commission your own custom CompuTec ProcessForce extensions and plugins with HTML based user interfaces
- Ideal for very niche businesses with extremely specialized requirements

OTHER COMPUTEC SOLUTIONS

#CompuTec PDC

An extension for CompuTec ProcessForce to record real manufacturing operations timings and communicate easily and effectively with the staff on the shop floor.

#CompuTec WMS

A logistics solution to manage your warehousing processes from handheld devices and optimize how they support your production processes.

#CompuTec Labels

A label printing management solution which ensures your inventory is labelled accurately and exactly according to your particular business needs.

LOGRES

BUSINESS SOLUTIONS

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Logres Business Solutions
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and ProcessForce in the Netherlands.
Your partner for the ERP solution
in the Process Industry.