



# Beverages

## BatchMaster Manufacturing for

**SAP** Business  
**One**

CitySoft Consulting Group

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## Introduction

BatchMaster for SAP Business One software is an industry specific Business Software solution for Beverage manufacturers that helps streamline your operation and bring your products to market, faster and cheaper while complying with ever more stringent regulatory mandates. Whether you private label, co-pack or produce your own line of beverages, BatchMaster for SAP Business One in one integrated system will support your unique manufacturing requirements including product development, production, quality, costing, and compliance while supporting all your sales, accounting, warehousing and distribution needs.

 **BATCHMASTER**  
ERP Software for Process / Batch Manufacturers

## Overcome Industry Challenges

BatchMaster software provides growing small to medium sized businesses the ability to grow profitably by providing accurate, timely cost analysis across activities such as R&D, Production and Sales.

Meeting retailer, distributor and consumer demands can be daunting, especially in light of rising agricultural, dairy, water and energy costs that can adversely impact one's margins. Recipe Management, QC and sampling capabilities in BatchMaster help manufacturers produce a consistent product output.

Consumer demands for bold new tastes, more natural ingredients, less calories and more nutritional value is driving manufacturers to innovate their recipes and BatchMaster helps capture R&D costs for possible grant application or subsidies submissions.



## Automation

EDI trade is one area very obvious area where significant business benefits can be achieved.

The following highlights areas where BatchMaster helps companies succeed in business; grow more profitably and work smarter.

## Bring New Products to Market

Quickly & accurately adjust the ingredients of the base, intermediates and finished goods recipes to meet their physical, nutritional and cost target values. With definable recipe properties, qualification of ingredients and packaging sources, multi-level formulations, unlimited UoM conversions and rework management, you can rapidly bring that new product to market.

## Run High Volume, Continuous Production

### Master Production Scheduling

With BatchMaster for SAP Business One batch production plans are accurately generated down to the various production steps or process cells within the production lines.

Planning and scheduling takes into account different aspects such as the capacities and rates of presses, mixers, extractors and other process equipment.

Through the use of the graphical scheduling tool, equipment maintenance and changeovers are easily managed as are real time production changes.

Required purchase requisitions can be generated by demand planning, avoiding shortages or production rescheduling and ensuring jobs yield their expected results.

### Production

In order to meet specified target characteristics, BatchMaster for SAP Business One recipes can be dynamically adjusted to compensate for available inventory characteristics such as pH, sodium and specific gravity. This is especially important during any mixing, infusion, carbonation and pasteurisation processes.

Releases and completions of batch jobs can be managed individually, initiating the inventory pulls, QC tests and the manufacturing instructions.

With the Super Batch feature in BatchMaster for SAP Business One, some batch jobs can be linked together and back-scheduled or sequenced. When closing batch jobs, manufacturers are able to manually capture inventory usage or automatically back flush inventory and also capture actual costs and other batch data.

## Control Inventory Levels

Manage ingredients and raw materials from receiving into production and manage finished goods from production to shipping. With BatchMaster for SAP Business One inventory records are tracked and updated in terms of QC status, volumes, weights, units of measure quantities and plant locations.

Inventory costs can be seen by product developers when adding ingredients to formulas and assemblies. Production staff are able to correct inventory lot for batch jobs and adjust inventory characteristics. Inventory can be moved to different locations and can be assigned a status such as quarantine.

Management has full visibility of all inventory movements and levels and has a simultaneous view of weight, volume and quantity in various units of measure.

Automated planning and procurement optimises the inventory levels, and inventory selection can be based on expiry dates, shelf life, certifications and status.

## Ensure Quality

BatchMaster for SAP Business One provides quality capabilities throughout the production and distribution processes ensuring that receipted raw materials through to shipped finished goods meet all strict quality standards.

Inspection plans and checklists can be defined, as can the QC tests with accepted values, tolerance values and sample & recount values.



Mobile capture of QC tests facilitates the placement of delivered goods based on QC results. Warehouse staff are able to carry out stability checks and the physical and cycle counts of inventory in stock.

A QC test is able to capture the biological, physical or chemical state of an intermediate, sub assembly or finished good. Acceptable values, upper and lower, out of tolerance values and sample & recount values can be defined to each QC test. QC managers are able to review and approve the QC tests which have been added to intermediates and product formulas during the formula approval process. Some tests may result in further retesting or reworking.

Customisable Certificates of Analysis (COA's) are generated upon batch completions.

## Control Costs

With BatchMaster for SAP Business One analyse expected versus actual cost from formulation through production to shipment. Gain increased visibility on raw material costs based upon last purchased, standard and projected prices. Static, scalable and tiered costs associated to labour, energy, water and other resources are accurately captured and tracked.

Projected costs will be adjusted based upon the total batch size at time of production. Further production costing analysis can be performed by management using various dashboards and reports.



## Ensure Compliance

Protect your brand with industry specific compliance processes built into BatchMaster for SAP Business One.

Alert product developers that a given formula's ingredients exceed industry established percentages or recommended daily intake levels. Track and trace suspect materials from receiving through shipping, shipping back to receiving, or anywhere within WIP to meet product traceability and recall mandates. With BatchMaster for SAP Business One, you are able to support the special processing and reporting of allergens and organic ingredients as well as Kosher and Halal products.

In terms of production labelling, nutritional fact panels that address non GMO, gluten free and allergen free claims can be generated on demand.

## Mobile Paperless Warehouse

Warehouse activities that support receiving through production to shipping tasks, including manufacturing related inquiries, QC related inspections and instructions, can be executed via mobile devices.

In order to reduce rework and errors, the capture and validation of critical data captured via mobile warehouse transactions can be mandated by the system, before allowing the user to proceed to their next task. Mobile transactions update operational records in real time, so that all users and processes are accessing the most accurate and up to date data.



## CitySoft Consulting Group

CitySoft are business Consultants working with SAP, Sage and Microsoft advanced business software to help companies and enterprises capitalize on all the business benefits these applications offer, so our clients can grow more profitably, compete harder and succeed in their given industries.

CitySoft provide companies and enterprises system wide solutions including applications, databases, development, cloud hosting, infrastructure and project resources.

## Contact CitySoft Consulting Group

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