



7 ways to improve your Production Planning using SAP Business One integration

At the core of any business' success story, you will find sound planning. It goes without saying that planning is the most important component of the successful conduct of any business. And when the business in question happens to be a manufacturing business, planning gains greater significance. In fact, such is the importance of planning that while proper planning can hand the organization a strong competitive advantage, bad planning or simply lack of planning can have disastrous effects on the business. Hence, if you are a manufacturing business, you need to plan your resources in terms of men, materials, and machines accurately and efficiently.

In other words, you need to have solid production planning in place, as it helps the manufacturing businesses organize their resources in order to efficiently manage the costs, time and other resources involved in the production process. Production planning includes a wide array of activities that range right from the ones taking place at the plant floor to the delivery of final product at the customer's door. And, needless to say, all these activities reach their full potential only when the organization has the most effective production plan at its disposal.

Owing to this importance of production planning to their business operations, manufacturing companies — big or small — either opt for a specialized production planning software, or invest in an ERP software with robust planning functionality. When it comes to ERP systems, SAP Business One leads the way with its powerful as well as easy-to-use manufacturing capabilities that help the manufacturers deal with the uncertainties of production planning. It creates a smoothly running process structure for the manufacturers, saving them time, costs, and other resources.

Understanding these delicate production planning needs of the process manufacturers, [BatchMaster Software](#) came up with BatchMaster Manufacturing for SAP Business One – a process manufacturing add-on for SAP Business One. It is one complete solution built on the strong foundation SAP Business One, which handles all the manufacturing, distribution, quality & compliance needs of process manufacturing businesses.

In this e-book, we will see why the manufacturing businesses need an ERP to improve their production planning and their overall business processes, and how exactly does SAP Business One manufacturing integration with BatchMaster makes it possible for them:

ERP benefits to a manufacturing business

An ERP system benefits the manufacturing businesses in multiple ways. Let's understand them better, before moving on to why BatchMaster Manufacturing for SAP Business One is the ideal choice for the process manufacturers when it comes to improving production planning, and their overall business operations.

1) Automates & streamlines the business processes:

An ERP system automates and streamlines the business processes for manufacturing businesses. Automating the processes results in manufacturers' less dependence on manual processes, which accelerates production, brings down the errors, and significantly improves profitability. Streamlining the processes drives interdepartmental integration, ensuring that entire organizational data is available at a centralized location, and can be accessed by any department. This brings in efficiency and improves productivity.

2) Makes the business more agile:

An ERP system makes the businesses more agile, which means they are now more responsive to any variation happening within the business environment. Agility is nothing but the ability to respond to the market conditions quicker. ERP makes it possible by providing thorough insights and visibility into every department and business process, and through different system-generated reports, which suggest manufacturers about varied market demands and give a 360-degree view of the customer, thus facilitating planning to meet the requirements of changing market better.



3) Reduces costs:

One of the many things an ERP system does is that it helps manufacturing businesses reduce the overall operational cost. We read how it helps automate and streamline the processes, which in turn replaces the manual, time-consuming processes and leads to reduced operational and management costs. Moreover, an ERP system enhances precision and minimizes the scope of error, which helps manufacturers make savings wherever possible.

4) Industry & regulatory compliance:

Manufacturers gain complete control over reporting processes with an ERP solution, which in turn ensures compliance with regulatory requirements, meeting data integrity, and enabling complete traceability. All these abilities collectively lead to a better brand reputation, as ERP helps manufacturers keep away hefty fines and image damage.

5) Enhanced customer satisfaction:

An ERP system ensures that the manufacturers get their production planning & scheduling accurate, have great control over the inventory, and have a smooth supply chain. The end result of this cycle is improved on-time delivery of products to the customer, and hence increased customer satisfaction.



SAP Business One for improved production planning

BatchMaster Manufacturing for SAP Business One's production management module enables real-time production data collection, and subsequently sound production planning. Integrated with other functions such as inventory, finance, and material requirement planning (MRP), the module gives the manufacturers complete visibility into their production process, from sales orders to finished goods.

Let's now understand how BatchMaster Manufacturing for SAP Business One improves the production planning for manufacturing businesses in seven ways:

1) Gives complete control over shop floor:

BatchMaster Manufacturing for SAP Business One plays a tremendous role in efficient production planning. Besides optimizing the utilization of manufacturing capacity, parts, components and material resources using historical production data and sales forecasting, it enables creating shop orders, and tracking work-in-process (WIP), thus giving the manufacturers complete control over the shop floor, as they know exactly where each production run stands. Also having real-time view of the available capacity for labor, machines, and other resources, they can adjust the production plan in real time.

2) Balances demand and supply:

BatchMaster Manufacturing for SAP Business One offers the manufacturers key insight to plan material purchase as well as production based on the current inventory status, what is expected to be sold, what are the commitments yet to be fulfilled, what is already ordered and what is under production. In other words, it provides every information essential to balance demand and supply.

3) Streamlines operations

BatchMaster Manufacturing for SAP Business One, a process manufacturing add-on for SAP Business One, proves to be a vital tool for production planning. It uses historical production as well as sales forecasting data and optimizes the utilization of material resources. By monitoring each operation step, it enables performing actions like- allocation at the time of production as per batch size, issue while batch processing, resize batch and even can partial close a batch to deliver what is already produced.



4) Removes supply chain bottlenecks:

SAP Business One for manufacturing enables analyzing shortages, overages and backlogs, and tracking materials through every step of the subcontract process, which is being automated. This results in the removal of all the bottlenecks and elimination of the manual transactions.

5) MRP:

BatchMaster Manufacturing for SAP Business One comes with MRP functionality, which facilitates planning based on the production and demand pipeline. Using details such as raw material availability, machine availability & capacity, and procurement time, it evaluates the feasibility of production and accordingly does scheduling based on the priorities of production.

6) Production plan for machines:

SAP Business One manufacturing add-on has the ability to manage the production capacity around labor, machine, and resource availability, and accordingly create an optimized production plan. It takes capacity constraints into account to develop a production schedule that optimizes output in line with the organization's business goals.

7) Bar-code data collection:

BatchMaster Manufacturing for SAP Business One supports bar-code data collection and scanning of materials, which helps the process manufacturing businesses achieve optimal control of shop and material transactions, right from receiving to shipping. Besides, it also improves data accuracy by eliminating human entry error.



In sum

Having read the points above, you now know that production planning helps an organization plan production with the optimum utilization of all available resources. And, SAP Business One integration makes production planning a cakewalk for manufacturing businesses. Its features in regard to production planning offer numerous benefits to the manufacturers — both discrete and process. Talking about process manufacturers, BatchMaster Manufacturing for SAP Business One is the ideal choice, as we saw how it helps improve production planning. To know more about it, contact us at sales@batchmaster.com. For more information on other offerings that have helped different process manufacturing industries transform their businesses over the years, visit our [website](#).

Who We Are:

BatchMaster Software is one of the market leaders in offering enterprise software solutions for the process manufacturing industries. With an in-depth industry analysis, we clearly understand the unique industry challenges and help them address those challenges through our industry-specific ERP solution.



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