

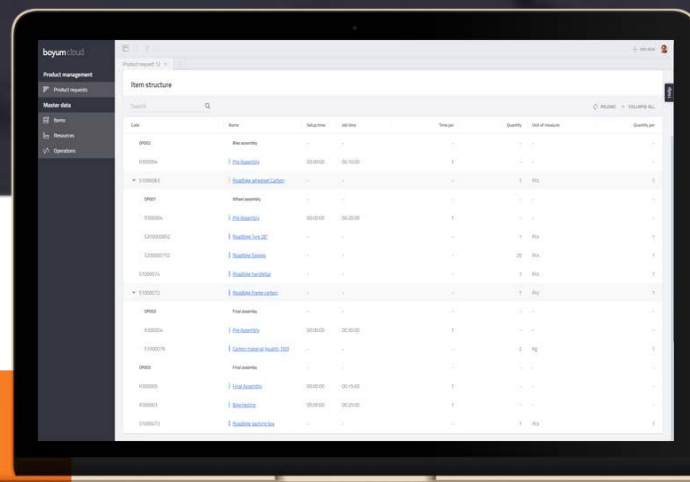


**MANAGE PRODUCTS
AND RELEASE THEM
FOR PRODUCTION**

PRODUCT DESIGN MANAGEMENT

Boyum Cloud Build helps manufacturing businesses get both **new and evolving products** on the **production line**; quickly, efficiently and accurately

Build helps the product development and production departments to manage requirements and specifications for new products, plan and keep track of the progress of relevant development tasks and add finished products into SAP Business One.



Item	Name	Quantity	Unit Price	Weight	Quantity
00001	Item 00001	1	100.00	100.00	1
00002	Item 00002	1	100.00	100.00	1
00003	Item 00003	1	100.00	100.00	1
00004	Item 00004	1	100.00	100.00	1
00005	Item 00005	1	100.00	100.00	1
00006	Item 00006	1	100.00	100.00	1
00007	Item 00007	1	100.00	100.00	1
00008	Item 00008	1	100.00	100.00	1
00009	Item 00009	1	100.00	100.00	1
00010	Item 00010	1	100.00	100.00	1
00011	Item 00011	1	100.00	100.00	1
00012	Item 00012	1	100.00	100.00	1
00013	Item 00013	1	100.00	100.00	1
00014	Item 00014	1	100.00	100.00	1
00015	Item 00015	1	100.00	100.00	1
00016	Item 00016	1	100.00	100.00	1
00017	Item 00017	1	100.00	100.00	1
00018	Item 00018	1	100.00	100.00	1
00019	Item 00019	1	100.00	100.00	1
00020	Item 00020	1	100.00	100.00	1
00021	Item 00021	1	100.00	100.00	1
00022	Item 00022	1	100.00	100.00	1
00023	Item 00023	1	100.00	100.00	1
00024	Item 00024	1	100.00	100.00	1
00025	Item 00025	1	100.00	100.00	1
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00029	Item 00029	1	100.00	100.00	1
00030	Item 00030	1	100.00	100.00	1
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00032	Item 00032	1	100.00	100.00	1
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00035	Item 00035	1	100.00	100.00	1
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00056	Item 00056	1	100.00	100.00	1
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00058	Item 00058	1	100.00	100.00	1
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00063	Item 00063	1	100.00	100.00	1
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00084	Item 00084	1	100.00	100.00	1
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00088	Item 00088	1	100.00	100.00	1
00089	Item 00089	1	100.00	100.00	1
00090	Item 00090	1	100.00	100.00	1
00091	Item 00091	1	100.00	100.00	1
00092	Item 00092	1	100.00	100.00	1
00093	Item 00093	1	100.00	100.00	1
00094	Item 00094	1	100.00	100.00	1
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00097	Item 00097	1	100.00	100.00	1
00098	Item 00098	1	100.00	100.00	1
00099	Item 00099	1	100.00	100.00	1
00100	Item 00100	1	100.00	100.00	1

Key Issues

Adding products to SAP is often seen as the final hurdle in the product development process; getting a **product ready for production** is a **difficult, hands-on task**. There are many factors involved in making a product; the product manager needs to communicate the vision and materials used for the product, the production itself needs to be planned by the production manager, and issues and mistakes can lead to several iterations before a product is completed.

Communication between departments is essential in this process to ensure the **right materials and production methods** are used. But this process is often managed manually, leading to mistakes and lost production time.

Boyum Cloud Build, aimed primarily at the **Production & Product Development** departments, **fixes this problem by providing a clear framework to guide each department through their responsibilities in this process, ensuring products are added to the system accurately and efficiently.**

Build gives product managers the tools to integrate between their product development software and ERP system and gives production managers a fast way to add and update products that need to be produced, including the management of its operation plan. Other stakeholders in the process, such as shop floor employees who are building the products, or sales employees who are managing customer relationships, can use the software to track product updates or report problems that need to be addressed.

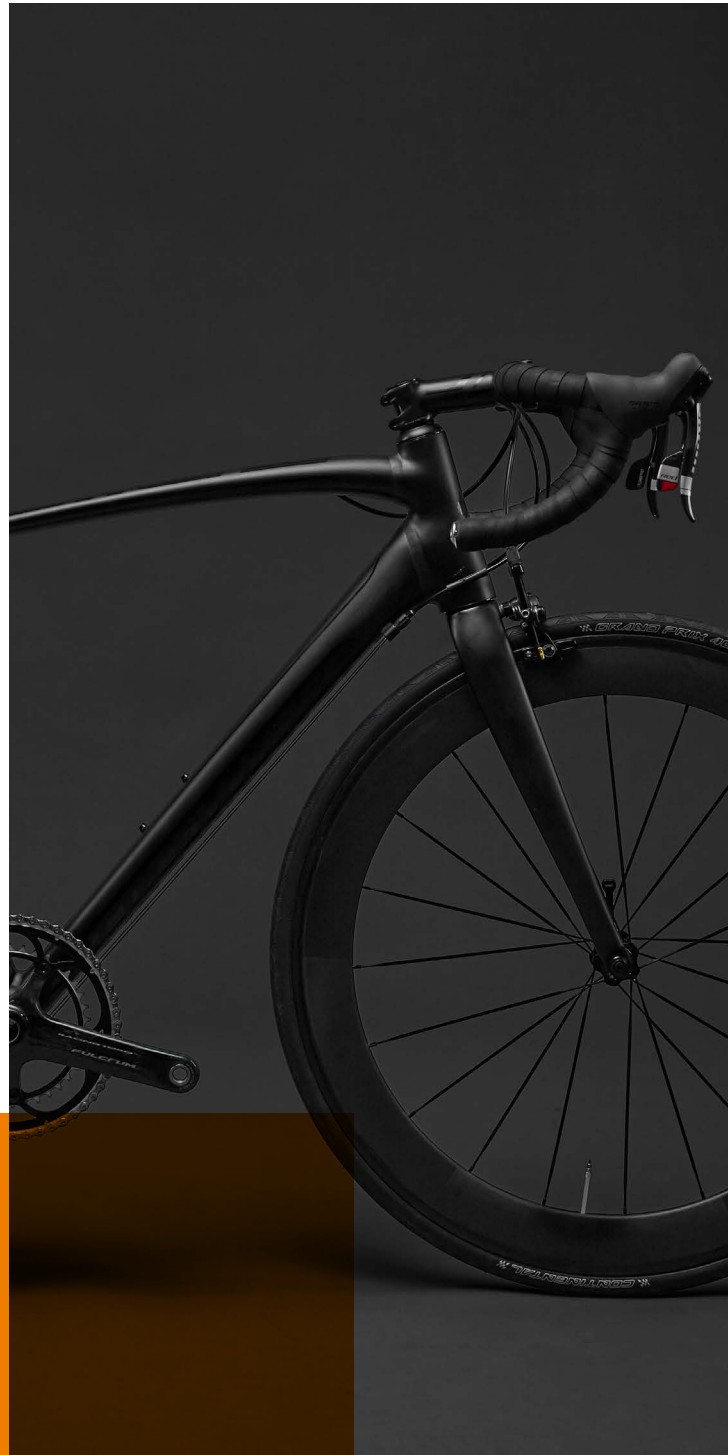


Use case

So what does that mean in practice?

Let's imagine we have a company that designs and manufactures high-quality racing bicycles. There is a product development department that's tasked with experimenting and pushing the boundaries of design. When the design is complete they would usually need to have a meeting with the production manager to transfer knowledge about the design, and then email documents to him to allow him to prepare the new bike for production. Then the production manager goes into SAP and starts to add the required materials manually to the system one by one. All sorts of parameters are added to the new materials until finally the operation plan is complete. This plan is based on the Bill of Materials received from the product manager, and is often in the form of a spreadsheet.

This process can cause various issues. For example, the manual copying of the BoM can result in errors through materials or quantities being entered incorrectly. This only comes to light when production has already started, it becomes apparent that the required material is not in stock and the production manager is informed of this by a shop floor employee. As a result, a new iteration of the operation is required, stock is not ordered and production is delayed.



How Build can **improve** this process

1 Plan new product developments between departments

Use product requests to manage the handover between product development and production departments.



2 Quickly add new items to your database

Add items based on templates to save time on tedious parameter changes within SAP Business One.



3 Track progress of product development

A planning board gives you an overview of new products and product updates.



4 Import a Bill of materials from CAD file

Get materials in the system quickly once product design is completed.



5 Build operation plans in a fast, fluid way

Drag and drop operations, materials and resources to craft operation plans faster than ever before.



6 Calculate product costs

Determine material and labor costs based on the product structure, calculate manufacturing and sales costs and transfer the sales price to an SAP Business One pricelist.



7 Release products when you are ready

Reduce disruptions in production and purchasing processes by not committing unfinished, unapproved work.



Key benefits and functions

PLANNING BOARD

Keep track of production items currently in product development, plan these requests and track progress.

ATTACHMENTS AND TASKS

Manage attachments such as specifications or drawings as well as product request tasks.

TRACK PRODUCT STATUSES

Track completion date, see the current status of each product request.

BILL OF MATERIALS IMPORT

Use an Excel template to import Bill of Materials from your CAD or PDM solution.

BILL OF MATERIALS MANAGEMENT

Manage new imported Bill of Materials, add materials or items from other products or create product requests for individual items.

OPERATION PLAN MANAGEMENT

Craft operation plans in a fast and fluid way; drag and drop operations, resources and materials into your plan based on an imported Bill of Materials.

ADD ITEMS, RESOURCES, AND OPERATIONS

Create and edit required items, resources, and operations so they can be used in the operation plan.

TEMPLATE ITEMS

Define templates to simplify the creation of new articles and avoid errors in parameter selection.

PRODUCT HISTORY

Track completed product requests for individual products to review changes.

PRODUCT COSTING

Calculate new and evolving products and transfer the determined sales price to an SAP Business One price list.

Next steps

1 GET
MORE
INFO

Browse to the
product page



2 TAKE A
LOOK

Watch a
demo video



3 TRY
IT OUT

Get your 20-day
free trial



4 MAKE IT
HAPPEN

Manage products
and release them
for production



<https://boyumcloud.com/build/>





Industry **leading** solution provider

Boyum IT Solutions is today the global leading software solution provider in the SAP Business One ecosystem and have received more than 20 SAP awards. Among these are the SAP Global Solution of the Year Award and People's Choice Award, which we received for the last 4 years.

We have the largest partner and customer ecosystems, with a presence in 115 countries and just over 9,000 customers and 200,000 users.

