



PRODUCT ROADMAP

2019 | Q2



BEAS
MANUFACTURING

Our vision is to **inspire companies** to achieve **sustainable growth** and a **competitive advantage**, now and in the future.



Disclaimer

The following information is being shared in order to outline some of our current product plans, but like everything else in life, even the best-laid plans can be put to rest.

We are hopeful that the following can shed some light on our roadmap, but it is important to understand that it is being shared for **informative purposes only**, and not as a binding commitment.

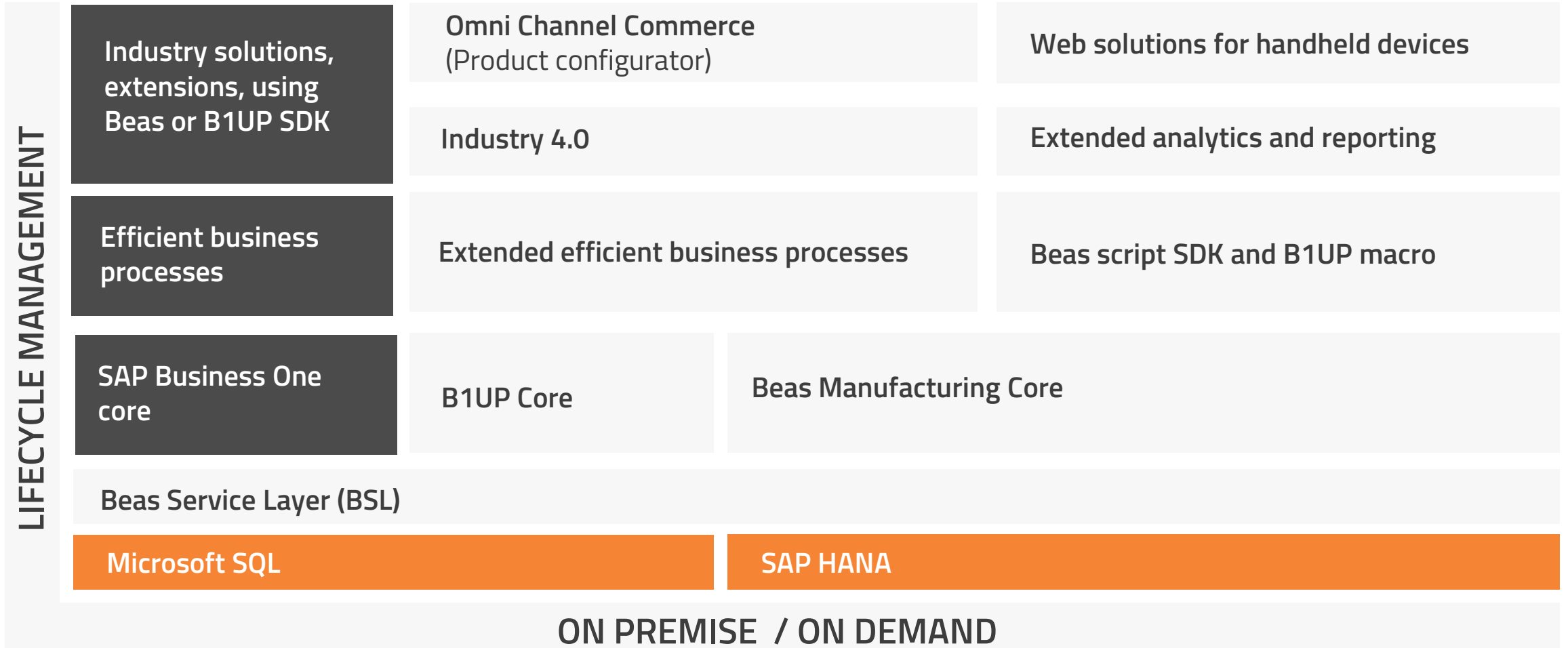
Please do not rely on this information to make purchasing decisions because, ultimately, the development, release, and timing of any products, features or functionalities remain at the sole discretion of Boyum IT Solutions and is subject to change.

Product **Summary**

Beas Manufacturing is a manufacturing solution for small to medium-sized businesses that need support in managing their **manufacturing processes** with **comprehensive features** for scheduling, planning and integration.



BEAS
MANUFACTURING



PRODUCT VISION

Being the most **comprehensive** and **value-adding** manufacturing solution for small to medium-sized businesses

Development Mindset

Quality First

Why? To keep partners and customers confident by using a reliable and robust solution.

How? Fixing product bugs, working on stability considering new technologies and increasing automatic testing.

User Experience

Why? To allow users to have a pleasant experience while completing their tasks easily and efficiently.

How? Improving languages and error messages, reviewing usability by reducing the number of clicks and making screen access more intuitive.

Your Voice Matters

Why? To improve our solutions based on real-life needs from SAP Business One partners and customers worldwide.

How? Sharing ideas with our partners, collecting the most common needs in the industries Beas focuses in or the main demand-growing industries

About the **roadmap**

The purpose of the **roadmap** is to communicate the direction and planned activities determined by Boyum IT Solutions to add more value to **Beas Manufacturing**. This product roadmap describes planned innovation and the future direction based on our perception of the business value.

Recent innovations

Where is Beas Manufacturing today?



Planned innovations

New features planned to be released



Future direction

A proposal for growth throughout the product lifecycle

Recent Innovations

Sales

Available to promise. Calculate a possible delivery date from SO.

External Production / QC

User can define a different warehouse for the external services' receipt.

Access from SAP purchase order to external information

QC Order - Include SAP Activities

Usability

More Window Setting and Split Screen functions, dropdown improvements

Automatic help and repair system

Production Data Collection

External operation warehouse transactions apps included in the windows terminal to manage external provisions, goods receipt and goods issues.

MRP

Connection to additional data to be included at MRP calculation (e.g.: forecast, MPS) by scenario

UDFs definition improvement; users could add UDFs information by scenario

Customizing

New SQL Editor and Script Editor

Master Data

Version control improvements

Supporting material scrap factor (%) for alternative resources

General

Data protection tools for GDPR compliance

Maintenance: Interruption management review

Integration HUB: import Work Order BOM and Routing, and absence information.

New Beas service based on windows service technology.

Support for MS SQL 2017.

Planned innovations

Functionality

Improving SAP compatibility to interact with more SAP functions.

Including more industry solutions, improving Beas functions based on types of industry; enhancements for process manufacturing.

Redesigning web terminal to improve user interface, performance and include new apps.

Industry 4.0: More connection tools, enabling automatic processes and easy connection to Beas data using REST API .

Usability

Reviewing messages and language.

Adjusting standard functions to improve the user's experience, reducing the number of clicks on screens and making them more intuitive.

Implementing tools to reduce setting time and help consultants with better implementations according to customer scenarios.

System

A helping assistant to provide better user support to handle errors.

Integration

Boyum products suite integration, adding more functions to the Beas usability extension for easier customization and connecting Beas and Produmex WMS.

Report System

B1UP Dashboard based on Beas Manufacturing information.

Quality

Increasing software quality by adding automated program testing for errors detection.

Future Direction

Intelligent Real-Time ERP

Providing a high-competitive solution, an attractive maintenance model and continuous improvements

Global and Highly Scalable

Leveraging SAP HANA; supporting customer growth and specialization, enhancing localizations

Digital Platform

Harnessing the power of SAP HANA platform for Internet of Things (IoT), big data analysis, prediction, machine learning and visualization

Fast Adoption of New Business Models

Transforming technology and innovations into customer value

Easy Partner Co-innovation

Maximizing extensibility and flexibility, supporting customers or industry specific solutions with a service layer platform

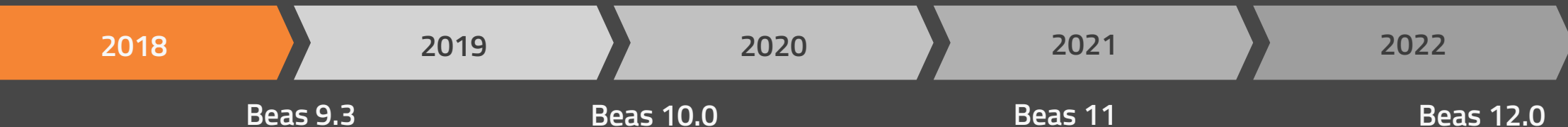
Simple Consumption

On-demand and mobile

Beas Manufacturing releases

Product roadmap with continuous innovation

◆ *Continued maintenance deliveries for all versions in maintenance*



Schematic illustration of major deliveries according to current planning may be changed by Boyum IT at any time. Concrete version numbers will be defined later.

Beas Manufacturing version 9.3 plan

This is the current planning status and may be changed by Boyum IT Solutions at any time.

Version	Release	2018	2019												
		DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
9.3 PL 2	End of Apr-19			Develop											
		Discovery & design		QC & documentation											
9.3 PL 3	End of Jul-19						Develop								
				Discovery & design			QC & documentation								
9.3 PL 4	End of Oct-19									Develop					
							Discovery & design			QC & documentation					
9.3 PL 5															
										Discovery & design					
			9.3 PL 1 HF 5	9.3 PL 1 HF 6	9.3 PL 1 HF 7		9.3 PL 2 HF 1	9.3 PL 2 HF 2		9.3 PL 3 HF 1	9.3 PL 3 HF 2	9.3 PL 3 HF 3			9.3 PL 4 HF 1

9.3 PL 02 Planned Functions

Master Data

Version control in all standard function.
(Other SAP Documents available, as
Blank agreement) ★

SAP Integration

Support SAP bin location

Create SAP purchase request from
MRP ★

Sales

ATP Function for basic license only

QC

Item price definition for QC Transfers

Work Orders

Allow allocation or reservation when
posting a first or specific operation
(calling function automatically)
(Reservation by operation instead of
issue on the time reporting, issue at the
end) ★

BOM or routing modification in work
order position form lists ★

Support for short variant functionality
with multilevel structures ★

B1UP Integration:

B1UP Dashboards for Beas
Manufacturing

Web Apps Terminal 2.0

Stock movement apps: item information,
goods receipt, goods issue, stock transfer,
incoming goods and inventory counting by
list or by item reporting.
Work order apps: production goods receipt,
goods issues, time receipt and backflush.
Attendance apps: arriving/leaving app

Inventory Usability

Batch and serial selection improvement.

Batch/SN traceability - Display stock
transfer inside warehouse
(when a stock transfer is in the same
warehouse, especially Beas bin location) ★

★ Community requests

9.3 PL 03 Planned Functions

SAP Integration

Support SAP Stock transfers request at reservation/allocation system. ★

Industry Solutions

Formulation management (BOM validation based on % weight or volume) ★

Item Version

New screen for item version stock information. Version selection validations review. ★

Produmex WMS Integration

Supporting WMS warehouse.

Call creation of WMS picking lists to production.

SSCC generation from Beas production goods receipt.

New Webapps Terminal

Interruption apps; start or stop a resource interruption

Picking app: based on SAP picking lists.

Stock transfer request

B1UP Integration:

B1UP Dashboard for Beas Manufacturing additional data (QC, Maintenance)

Customization:

Introducing the Beas Service Layer (BSL), a new API to provide communication to Beas business object allowing users to read data or update information by REST service.

★ Community requests

Future Planned Functions

Master Data

Consolidate the Beas item master data in the SAP Master Data screen

SAP Integration

Enable working with non-inventory items (Reservation, Issues, Post Calculation)

Project management review

Review SAP Human resource and Beas Master Data

Schedule Planning

APS optimization, reducing the number of clicks to update information.

APS: optimize resource setup of items with similar properties based on common master data

Enhance and better administration of the pool view (screen review).

Optimizing capacity by volume or weight allowed at the resource (for example using an oven)

Routing position: Split planning in more parallel resources

Assigning operators (personnel) to work orders operations – then personnel can see their work order from the terminal only

Production Data Collection

Reporting time parallel operation in the same screen.

Reporting several time types (setup, machine, labor) at the same time receipt screen

Future Planned Functions

Calculation

Pre-calculation → drag & drop function, multi selection, copy and insert function between different calculations

Calculation schema → function to create calculation lines with SQL queries, returning variable rates from other sources

Overhead based on a factor – Example: overhead rate based on KG, each item has a different KG

New Technology

Android native apps: same webapps available in mobile native language

Industry Solutions

Material Classification as active (APIs), inactive, excipients, ingredients

BOM Potency balance (Purity of API)

Content label report considering a standard format.

Potency by Batch. Batch report by potency information.

Work order quantity adjustment considering batch potency.

Reference designator component.

BOM view improvements for process manufacturing Industries.

Item version authorization or approval procedures.

Dispensing process, process review and easy return of materials.

Work order screen: new view by process

Improved Usability

Implementation guide (implementation task checklist, redesign of the Beas configuration wizard and best practices documentation)

Future Planned Functions

Boyum IT Product Suite Integration

Produmex WMS integration. Extended transactions.

QC

Creation of QC orders/rework/returns/work orders from complaints

Usability, a faster data entry for QC orders

Webapps terminal

Reservation and allocation

QC orders.

External operation apps.

Work Orders

Easy scrap management from the time receipt, able to send the item to a rejected warehouse – reporting scrap as finished goods that go to a different warehouse.

You deserve **the best** from us

We work hard to deliver the best software for you.

Our reward is the benefit you take from the innovations and enhancements we design to make your life better.

So we only ask for one thing:

Keep your software up-to-date.

Updates don't come out every day, so enjoy the ride

1. Go to download.boyum-it.com
2. Select your solution of preference
3. Download and install the latest package available

Don't miss this chance! On top of new capabilities, updates contain essential changes to improve the performance, stability and security of our solutions.

Your **voice** matters

We design solutions for people.

Join our community now!

Collaborate with product suggestions
and vote for the feature requests you
most like.

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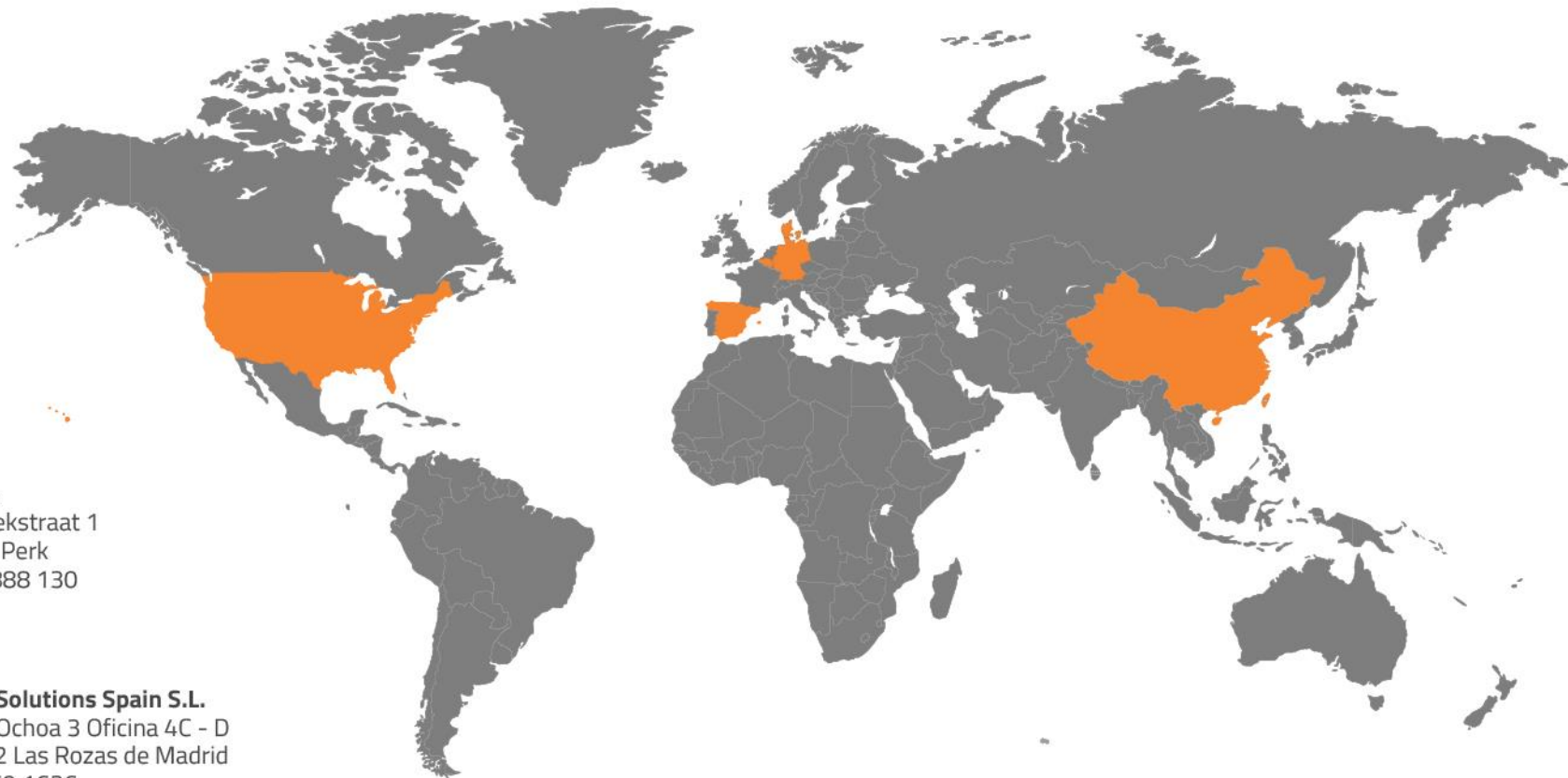


Boyum **World Tour** 2019

We offer 4 types of knowledge-transfer initiatives: Beas Manufacturing and Produmex WMS implementation workshops, as well as Beas Pre-sales and Boyum Horizontal trainings.

Check out the locations and join us on this exciting learning journey.



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