



PRODUCT ROADMAP

Roadmap 2019 | Q2



PRODUMEX
WMS

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

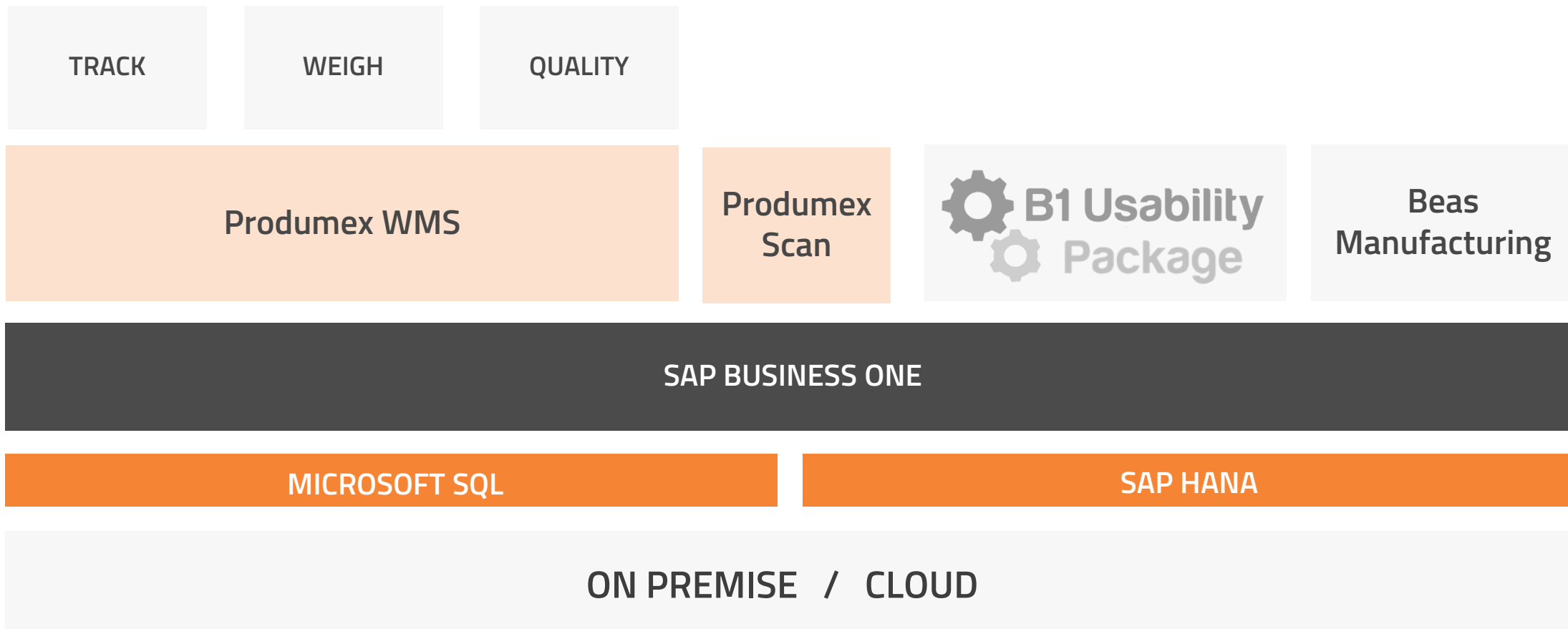
Produmex WMS is an SAP Business One industry solution for regulated industries, such as Food & Beverage and Life Sciences, designed not only to manage inbound and outbound logistic functions and internal warehouse processes, but also to offer industry-focused functionality supporting distributors and manufacturers to meet customer, industry and regulatory demands.

More than just a warehouse management system, Produmex WMS can be configured to operate on the shop floor managing production and packaging operations via touch screens and offers silo/tank management.

Produmex WMS for SAP Business One

In today's global marketplace and extended supply chains, Food & Beverage and Life Sciences enterprises not only have to compete with new market entrants – which are changing ways of doing business –, but also have to meet regulatory requirements while trying to achieve product margins and business profits.

To support such enterprises, the combination of Produmex WMS and SAP Business One offers greater control, transparency and traceability across business operations.



PRODUCT VISION

Enable **smooth logistic operations** for small and medium-sized companies, making larger, complex logistic operations attractive for them

About the Roadmap

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

Recent innovations

Where is Produmex WMS today?



Planned innovations

New features planned for release



Future direction

A proposal for growth throughout the product lifecycle

Product 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, increasing automated test coverage, investing every day and every step on quality control.

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 information on common needs from our partners and customers, involving partners in the roadmap.

Recent Innovations

IMPORTANT NOTES

Licenses

Starting from version 18.4 Produmex WMS is now fully integrated with the Boyum Portal. All licenses can be purchased and issued directly from the Boyum self-service portal. This means that the old license files cannot be used anymore. When upgrading from a version older than 18.4, please make sure to get a license from the Boyum Portal.

More information in the Boyum HelpCenter:

<https://support.boyum-it.com/hc/en-us/articles/360010566654-How-to-get-a-license-for-Produmex-Products->

Recent Innovations

Alternate picking

Possibility to force the user to use the first available batch (Ordered on FEFO) added. If the batch is stored on several locations/SSCC/... users can still choose where they want to pick stock from.

Limit wave selection

Powerful customization option that allows a query to be used to limit/filter the waves displayed at the terminal. This adds the possibility to limit the waves that can be selected on the scanner.

Prepare carts

The Prepare Carts flow can be used for orders with items that can be put into one or more carton boxes in which they will be shipped.

The flow is based on a wave and makes it possible to assign more than one carton box and more than one movable location to each pick list in the selected wave.

ASN import module

This adds a default ASN import, plus a customization option for the header (to easier integrate multiple ASN csv layouts)

New hook flow

AFTERLOGISTICUNITFINISHEDPACKING
This flow is executed after the logistic label is printed.

New hook flow

BEFOREFINISHLUIDPACKING
This new hook flow is executed before performing the tasks to finish a logistic unit.

Recent Innovations

New functionalities

- **NEW FIELD 'VERIFICATION CODE'**
Bin locations now have a field for verification. The verification code is a unique code which can be used for verifying bin locations in the different flows. It has the same function as a bin location code, and its use is optional: you can either use the verification code or the bin location code to verify the correct bin location in the different flows.

Performance Improvements

- **ARCHIVING PRODUMEX WMS DATA**
Produmex WMS offers the option to manually archive data from closed documents in order to downsize the database and improve the system performance.
- **MORE WITH (NOLOCK) HINTS**
Produmex WMS continues its large scale approach for performance improvements, and further NOLOCK hints have been added.

More improvements

- **NEW VERSION OF THE TOOL FOR 64 BIT CRYSTAL REPORTS FOR HANA**
This new version supports the new Crystal reports version.
- **GOOGLE ROUTE MAPS**
Due to changes in Google Maps API, a new API key is needed to run the Google maps functionality. Each customer needs to get their own API key.

Planned Innovations

Performance Improvements

- Systematic and complete review on how data is sent to B1
- Systematic review of all processes
- Single database use
- Improved log system

Integration with the Boyum portfolio

- B1UP Dashboards
- Beas Manufacturing integration
- Boyum feedback system

Continuous Enhancements

- GTIN support for multi-unit barcodes in the full app
- FedEx/UPS/DLH/Carriers integration
- Serialization in all processes

Planned Innovations

Customization

- Mobile Client Workflow customization, no C# needed
- Screen customization with less technically requirements

Ease of Use

- New Mobile Client interface
- Express Install

Q2 Planned Innovations

Systematic and complete review on how data is sent to B1

- Change to XML posting in all documents in B1 client
- Change to XML posting in all flows in Mobile Client

Systematic review of all processes

- Optimization of all flows across Mobile Client and B1 client

Single database use

- Move all items from PDMX DB to B1 DB
- Update installations and upgrades
- Update Crystal Report tools to change connections
- Review documentation to export/import more easily in HANA

Serialization in all processes

- Production flows
- Cross-Docking flows
- Remaining flows

Q2 Planned Innovations

Beas Manufacturing Integration

- Identify Beas presence
- New OSE Beas Production line
- Picking for Production includes Beas production orders
- Create picklist proposals for Beas production (on Beas UI)
- Picklists for Production to support locking after picking
- Move to Production Line for Beas orders

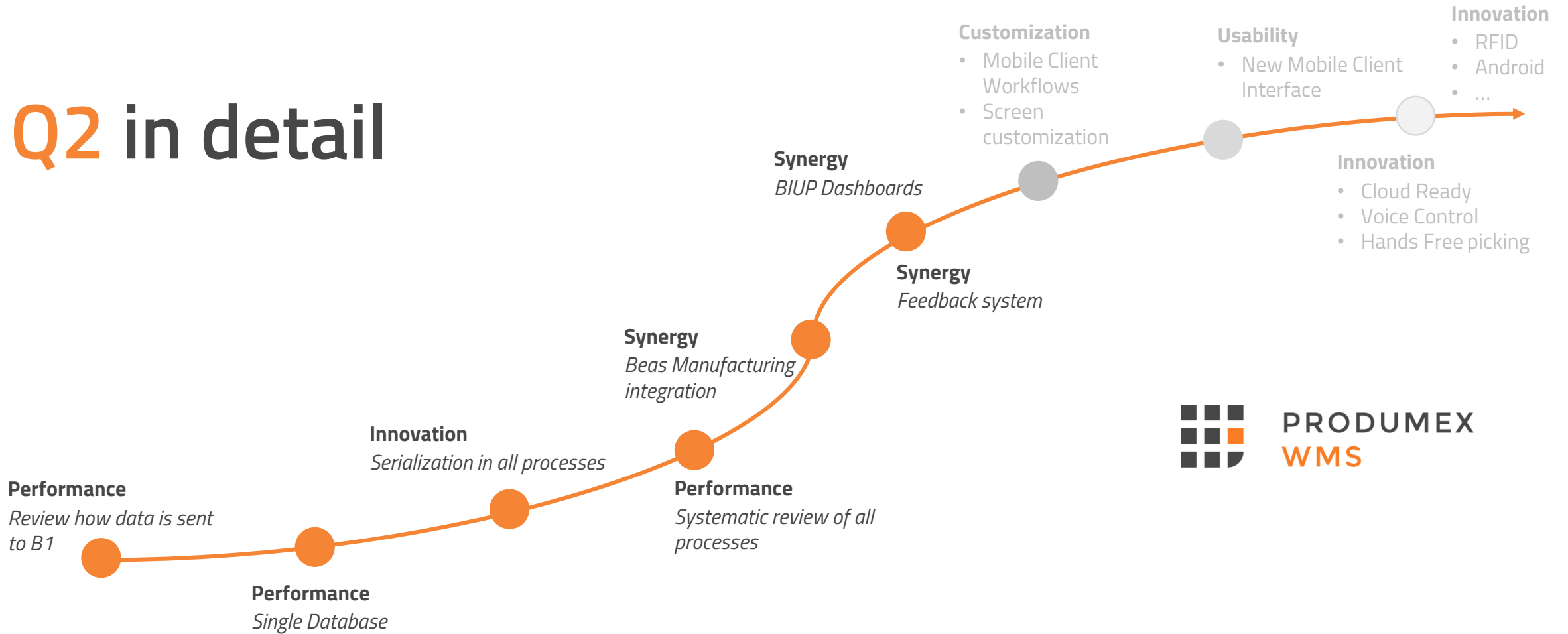
B1UP Dashboards

- Multiple KPI widgets

Boyum Feedback system




- Installing information
- Commonly-used flows and documents
- Performance metrics

Q2 in detail






PRODUMEX
WMS




Planned Innovations

 Feature	 Description	 Value
Advanced log system	Move to a DB oriented log system, able to log much more details, such as operation times.	Faster and easier response from support, better ability to pinpoint bottleneck and issues.
Device optimization (Fat Client)	Review and optimize the device client.	Improved performance on the warehouse floor.
B1 client optimization	Review and optimize the B1 client.	Improved performance in the back-office.
Ending the need to separate DB from Produmex WMS	Migrate to SAP B1 Database all PDMX tables, SP, functions.	Simplified backups and maintenance, easier installation for consultants, improved performance.




Planned Innovations

 Feature	 Description	 Value
More KPI reports (to be add to B1UP Dashboards)	Create reports for critical areas of the warehouse, such as occupation, most used areas, etc.	KPI and business performance reports support in making the right decisions and getting a quick and accurate view of the business performance.
Beas Manufacturing integration	Support all the logistic needs of Beas Manufacturing.	Helps business to take advantages of the synergies of both products, by providing a unified solution to manufacturing and logistics that shares setups, configurations, locations and processes.
Boyum feedback system	Optional integration with the Boyum feedback system to collect statistics on user behavior and system performance.	Proactive identification of issues and improvements leading to improved product performance and features in future versions.
Keep locking/reserve until the end of production	Takes control of the reserving system, supporting/replacing the Beas reserve process.	Unified reserve system shared by Produmex WMS and Beas Manufacturing, simplifying workflows.




Planned Innovations

 Feature	 Description	 Value
GTIN support for multi-unit barcodes in the full app	Recognizes multi-unit barcodes in all process, extending our GTIN compatibly.	Standardizes the use of GTIN features across all processes.
Serialization in all processes	Supports serialization in all areas of Produmex WMS.	Removes the remaining gaps on our ability to work with serials.
FedEx/UPS/DLH/Carriers integration	Automatic generation of shipping labels for FedEx/UPS/DLH.	Helps the packing/shipping process for a fast and smoother operation.

Planned Innovations

 Feature	 Description	 Value
Modular workflow	Allows to define/config/change the workflow without custom development.	Adds value by facilitating faster implementations and changes, allowing the customization of workflows and screens to match each specific business needs, without needing development requests.
Workflow & UI customization	Allows to define/config/change the UI/UDF without custom development.	Adds value by facilitating faster implementations and changes, allowing the customization of workflows and screens to match each specific business needs, without needing development requests.

Planned Innovations

 Feature	 Description	 Value
Simpler UI/UX	Provides a faster and simpler User Interface, a more intuitive User eXperience in the device operations.	Improved usability making training and support less necessary and allowing users to start using the tools faster, reducing the number of errors.
Express installation	Provide a simple (next, next) installation for the most common scenarios, requiring minimal input from the consultant.	Allows saving time during the installation, reducing errors, and allowing installations to be done with less training on most-common scenarios; while retaining the full configurations possibilities for more complex installations.

Future Direction

New Features

We want to be at the forefront of Logistics and will keep adopting the best practices and processes.

- Put Away+Pick
- Visual workflow
- Hands-Free
- Voice pick
- Pallet/Bin size optimisations
- Nesting of Stacks

New Technologies

We have our eyes on future technologies and trends.

- Automation modules
- RFID
- EPOD
- Visual warehouse organization

Investigation

We want not only what is easy, so these are some of the topics we research.

- AI in Produmex WMS
 - Warehouse Occupation optimization
 - Route Planning/Optimization
- (YMS) Yard Management
- (TMS) Transport Management System



19.2	June 2019
19.3	September 2019
19.4	December 2019

Produmex WMS/SCAN releases

Product roadmap with continuous innovation

◆ *Continuous 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.

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.

boyum-solutions/community



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.

We only ask for one thing:

Keep your software up-to-date.

We don't launch updates 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

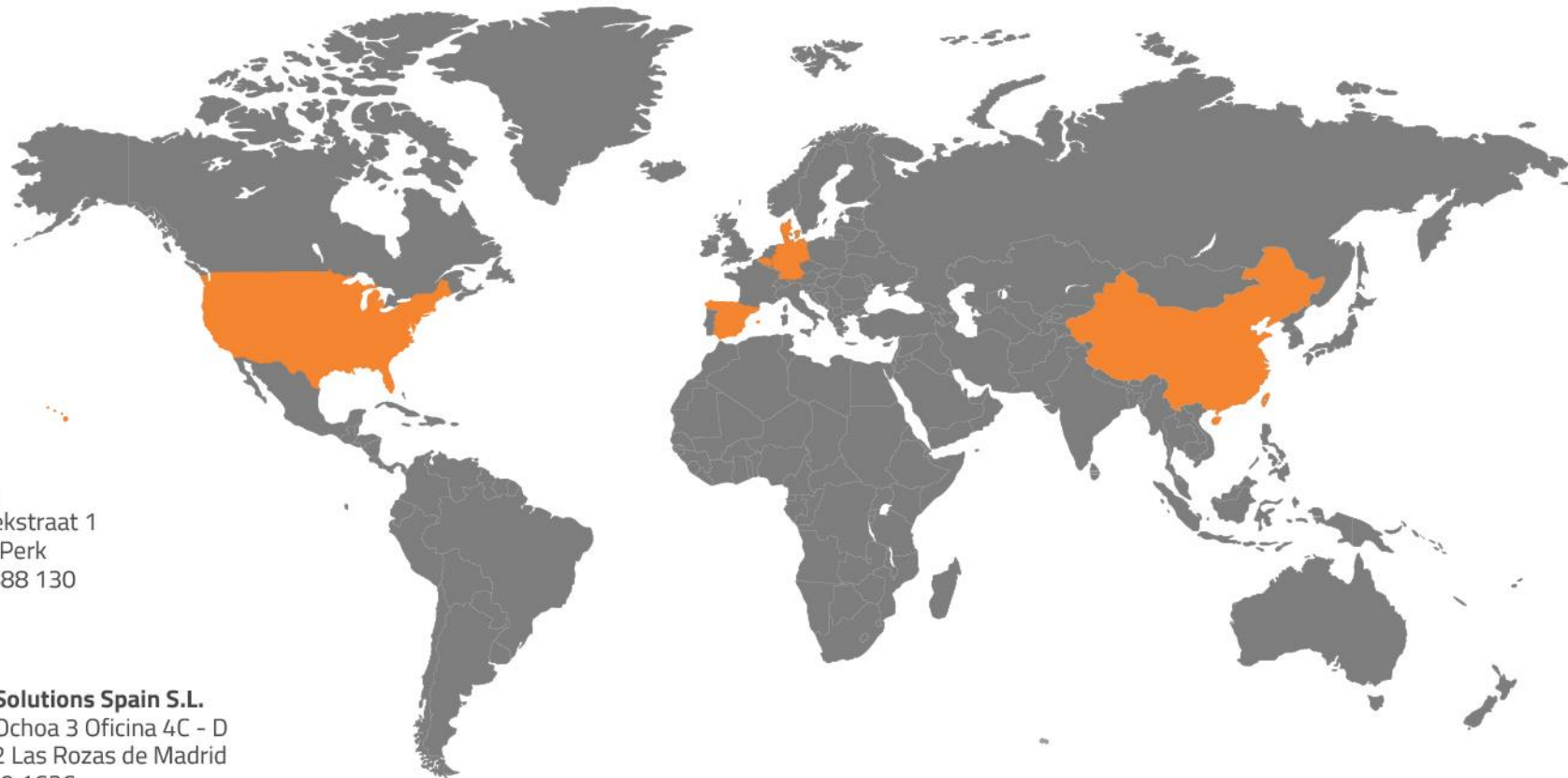
Don't miss the chance! On top of new capabilities, updates contain essential changes to improve the performance, stability and security of our solutions.

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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