

ekko

Fast & Easy

Increase Productivity on the Shopfloor

[Show Video](#)

ekko.io

hello@ekko.io

With ekko you can increase productivity on your shopfloor through 3 metrics



Support for your employees

Automating routine tasks makes your employees work more efficiently and reduces their workload



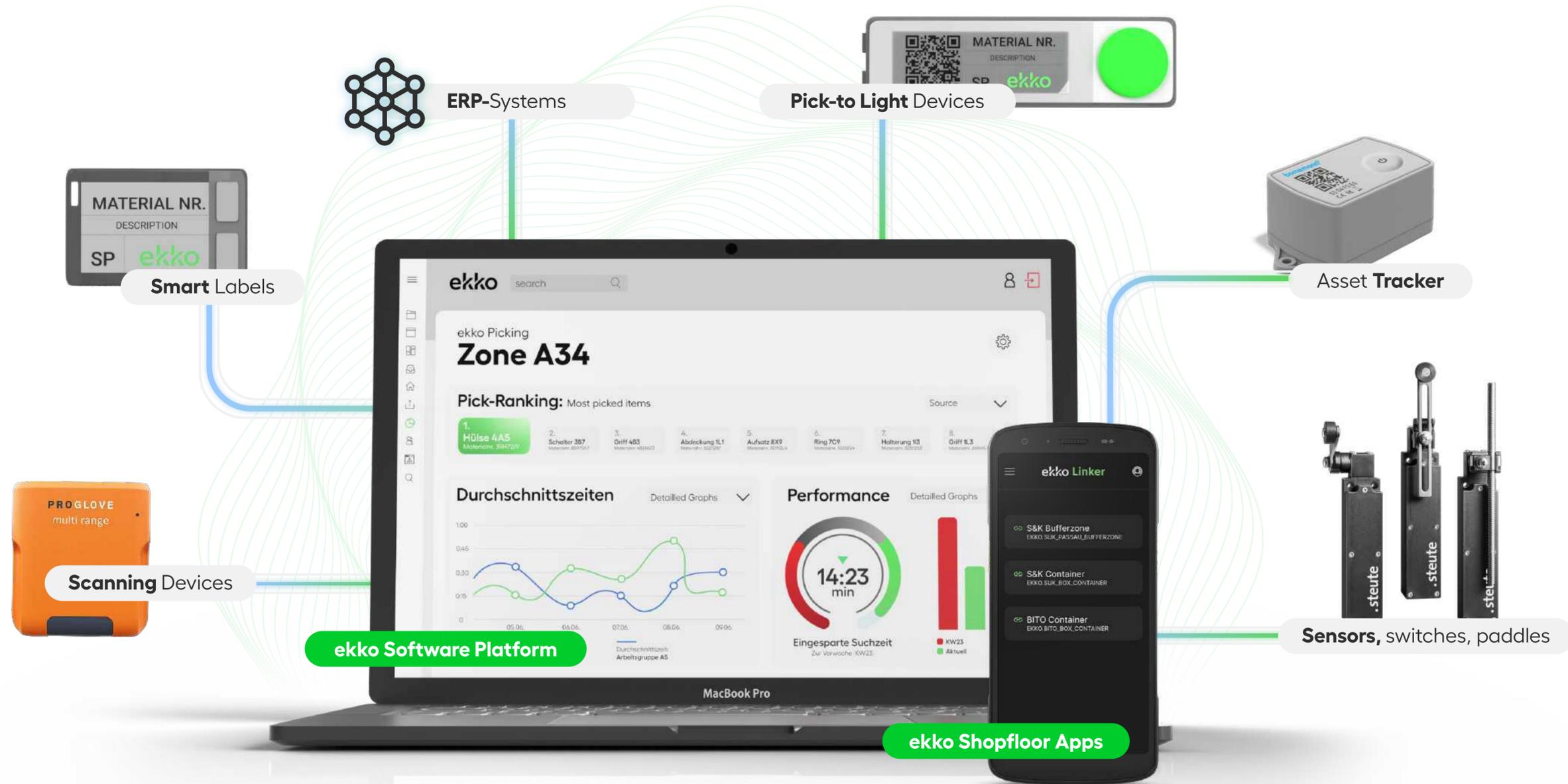
Minimization of errors

ekko reduces manual intervention and enables error-free tracking



Reduction of process times

Workflows are optimized and accelerated - for noticeably greater efficiency

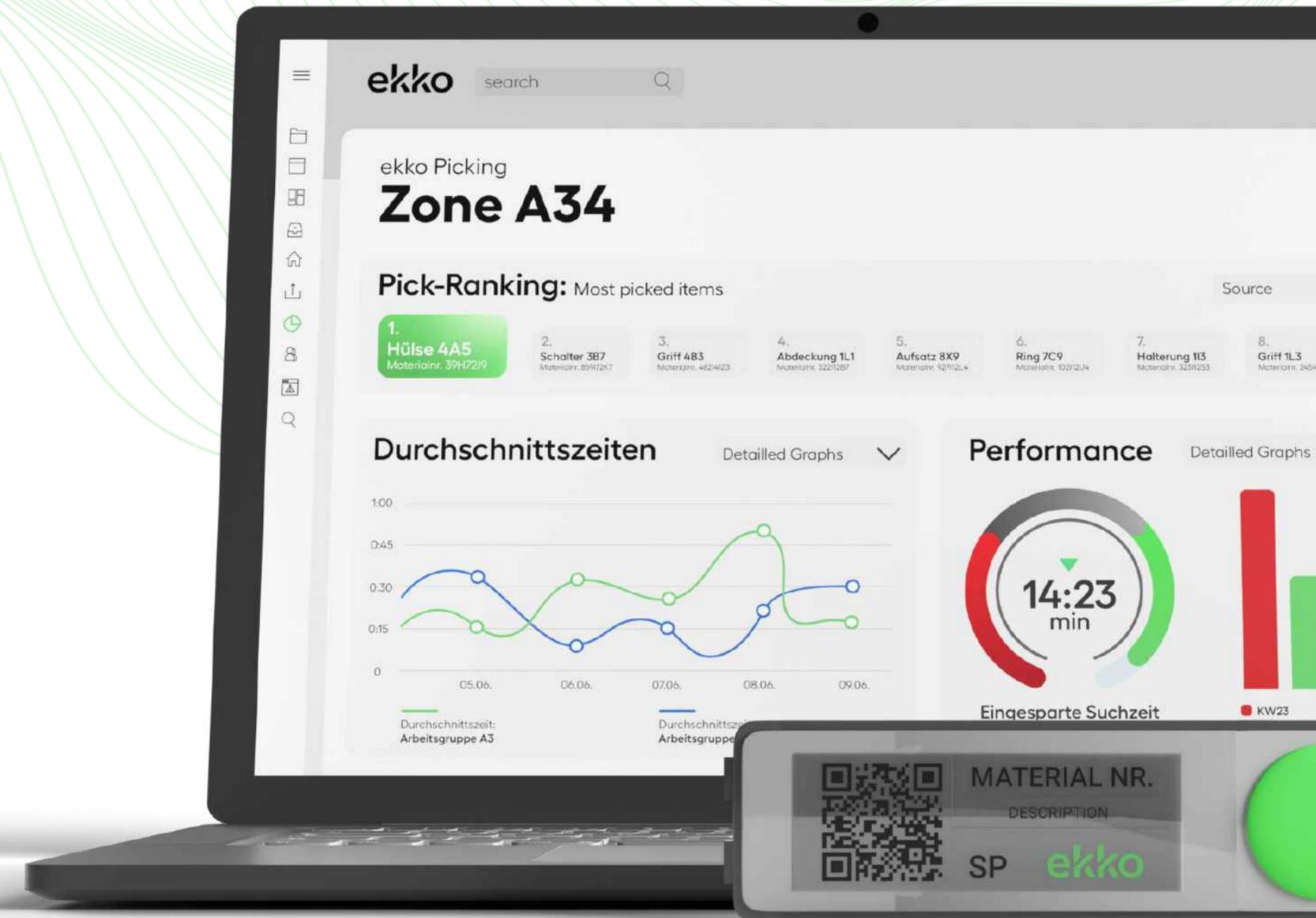


The Plug-and-Play Solution that integrates seamlessly.

ekko Platform

Configurating instead of Programming

- ✓ No initial and ongoing programming costs
- ✓ Ready to start, without time-consuming project planning
- ✓ Flexibility through hardware independence



Out of the Box Platform Solutions



Wireless Picking

Discover a new dimension of picking with ekko: wireless, digital and more efficient than ever before.



eKanban

With ekko eKanban, reordering processes are automated. This drastically reduces the effort required to ensure a reliable supply of materials.



Locationing

ekko Locationing makes it possible to localize assets in real time, monitor conditions and increase efficiency.



Digital Labeling

Always have the system-side information on site with digital labeling from ekko.

ekko Partner:



bornemann

.steute

PROGLOVE

SOLUM
Solution provider.



FLOWCATE



Use-Case

Wireless-Picking

Pick-by-Light

- ✓ Time saving
- ✓ Clear indication
- ✓ Avoidance of incorrect picking
- ✓ Sustainable solution

Put-to-Light

- ✓ Simple process control
- ✓ Avoidance of incorrect storage
- ✓ Minimization of subsequent errors

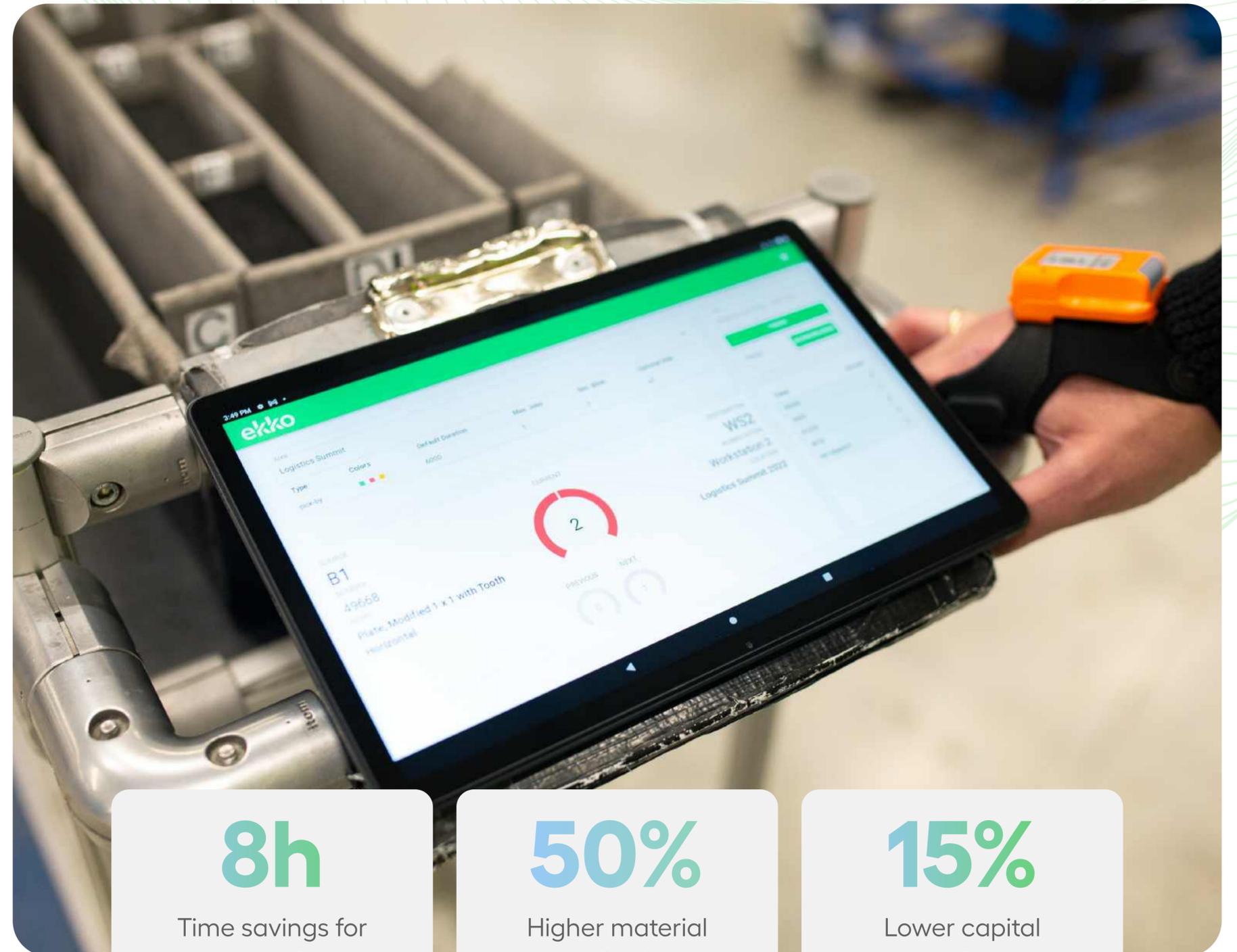
**2h**Time saved per day
per worker**20%**Increase in order
capacities**95%**Reduction of
manual errors

Use-Case

eKanban

Automatic Reordering Process

- ✓ Predictability of inventories
- ✓ Automated reordering orders
- ✓ Avoiding downtime in logistics
- ✓ Fully digitized processes

**8h**

Time savings for reordering

50%

Higher material availability

15%

Lower capital commitment

Use-Case

Locationing

Process Automation

- ✓ Automatic event triggering when entering or leaving a geofence

Asset Tracking

- ✓ Controlled material stocks in real time
- ✓ Increasing production efficiency

Navigation

- ✓ Avoid search times in warehouse and store
- ✓ Analysis of data for process optimization

Our Partners:

omlox FLOWCATE bornemann® TRUMPF SICK
Sensor Intelligence.

12h

Reduced search times
per day

20%

Increase in
productivity

100%

Transparent
processes

Use-Case

Digital Labeling

Full Transparency on the Shelf

- ✓ Automatic real-time updates
- ✓ Energy-efficient shelf labeling
- ✓ Wireless, interactive displays
- ✓ Easily adaptable to changing product information

Paperless Shopfloor

- ✓ Simple attachment to the product carrier
- ✓ Simple digitalization of the shopfloor
- ✓ Various display sizes available
- ✓ No printing, cutting & attaching of paper

**100%**

Paper saving

10 Years

Battery life of the displays

7x

Faster Inventory

ekko optimizes shopfloor processes for worldwide leading companies

2 Mio.

errors saved with
ekko wireless picking



62h

Time savings with ekko eKanban



WITTENSTEIN

43%

Manual work steps reduced
with ekko Asset Tracking

zollner



For 6 years live with zero downtime

Success Story: **BMW Group**

2Mio.

Saved paper sheets
per year

17K

Potential defects avoided
per year

3Mio.

Eliminated manual tasks
per year

The Central ePaper and Picking Platform at BMW

ekko operates more than **150.000 devices** in **12 different plants** at BMW all over the world

100% Digital and Sustainable

Paperless Shopfloor

Use-Cases:

- Shelf Labeling
- Transportation Lists
- Production Orders
- Assembly Flags
- Route Cards
- etc.

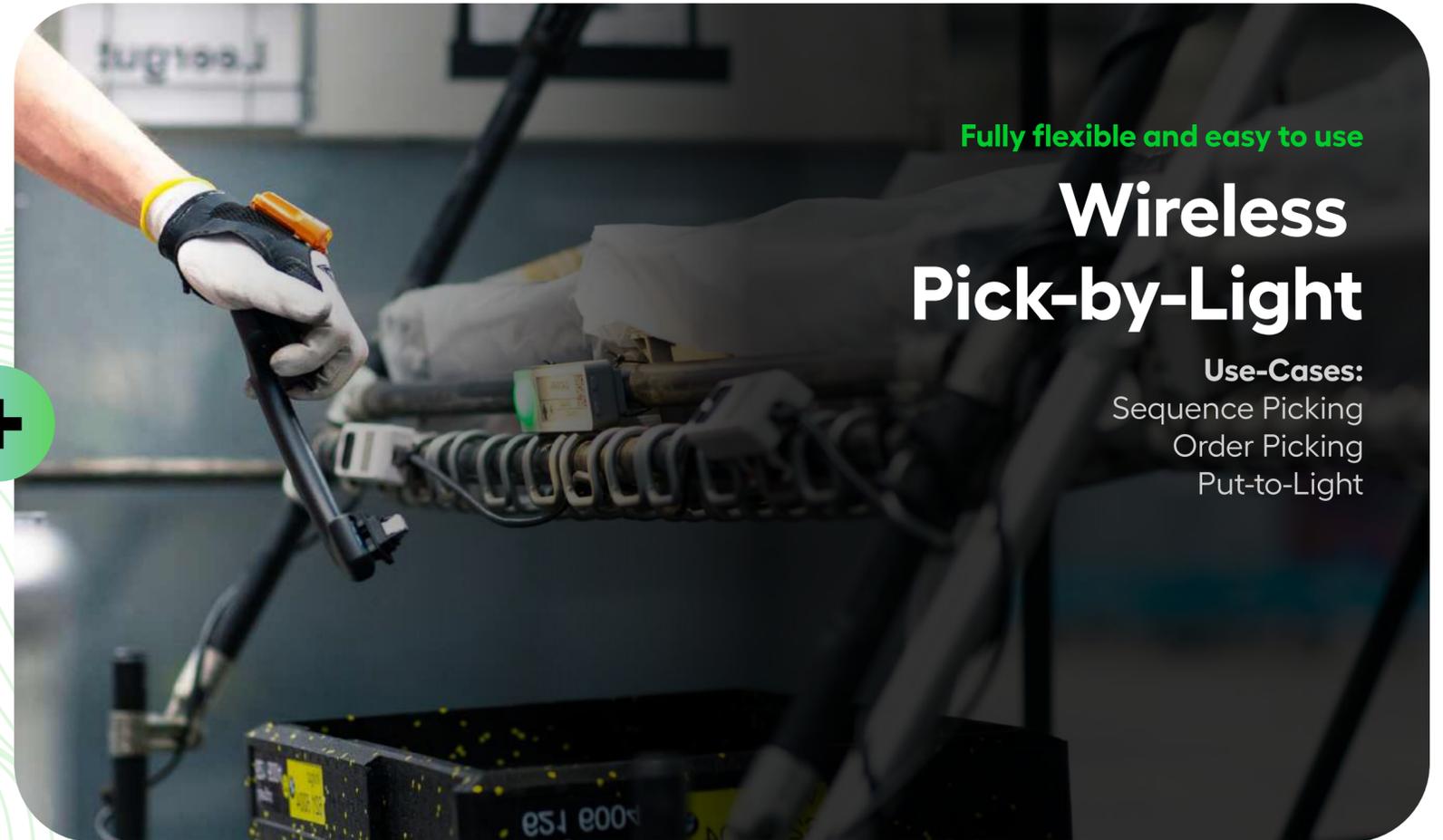


Fully flexible and easy to use

Wireless Pick-by-Light

Use-Cases:

- Sequence Picking
- Order Picking
- Put-to-Light





WITTENSTEIN

Global contract for over 48 assembly stations

Success Story: **Wittenstein**

20_k

Hours of time saved per
year per assembly station

0%

Defects in material supply

100%

Paperless processes



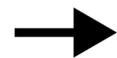
0% Error Strategy

1. In the Pick-by-Light and Put-to-Light system, both the source and destination compartments light up simultaneously for pick and place operations. The next set of compartments only illuminates after both process steps have been confirmed.
2. Refilling the shelves with material from the supermarket is done via put-to-light indication, in order to secure correct placement of the correct material
3. Replenishment orders are triggered fully automatically via Tracking devices. Orders are being collected in an eKanban dashboard in the supermarket

Zero error material supply leads to 99% faster assembly:

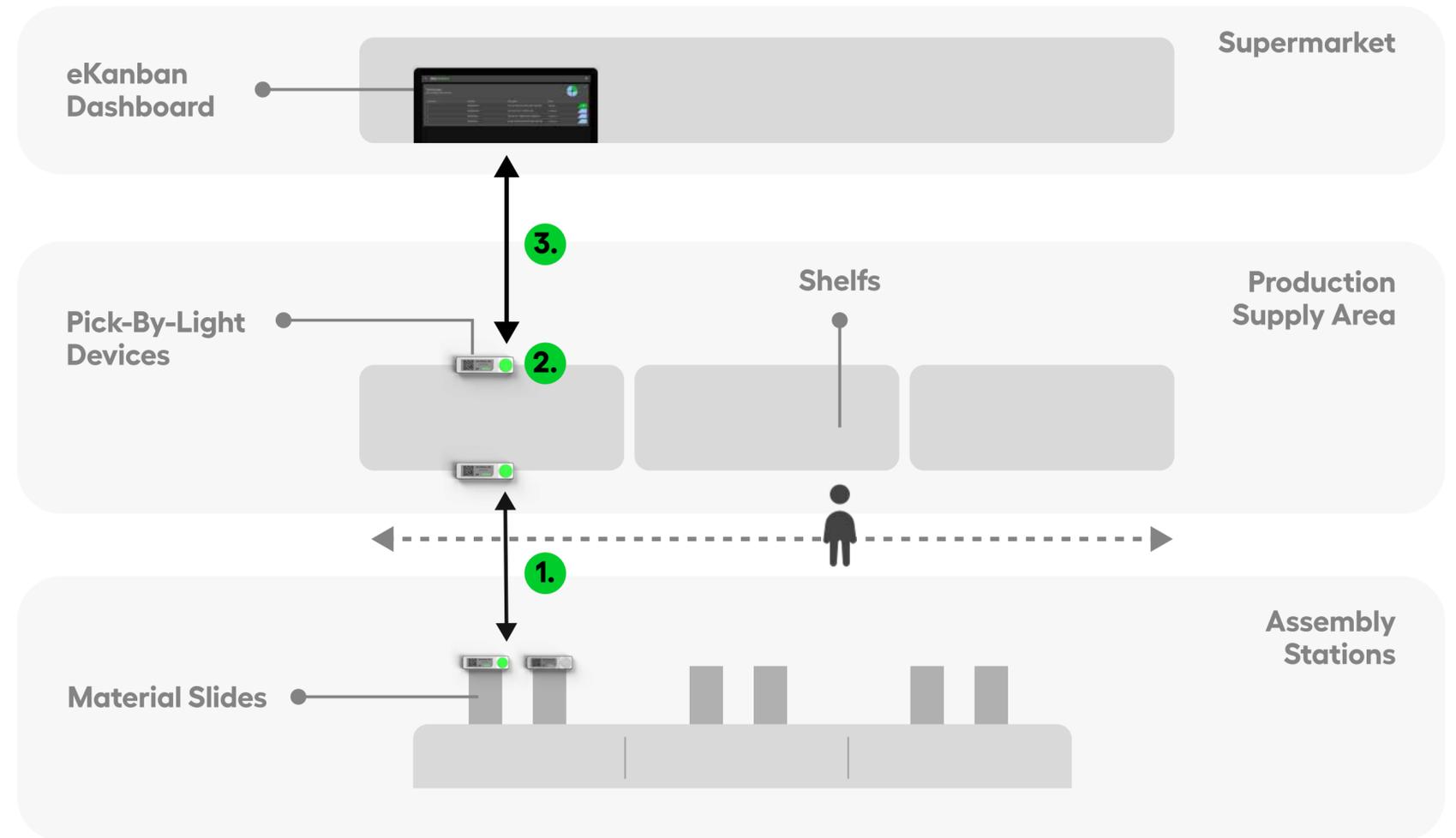
16min

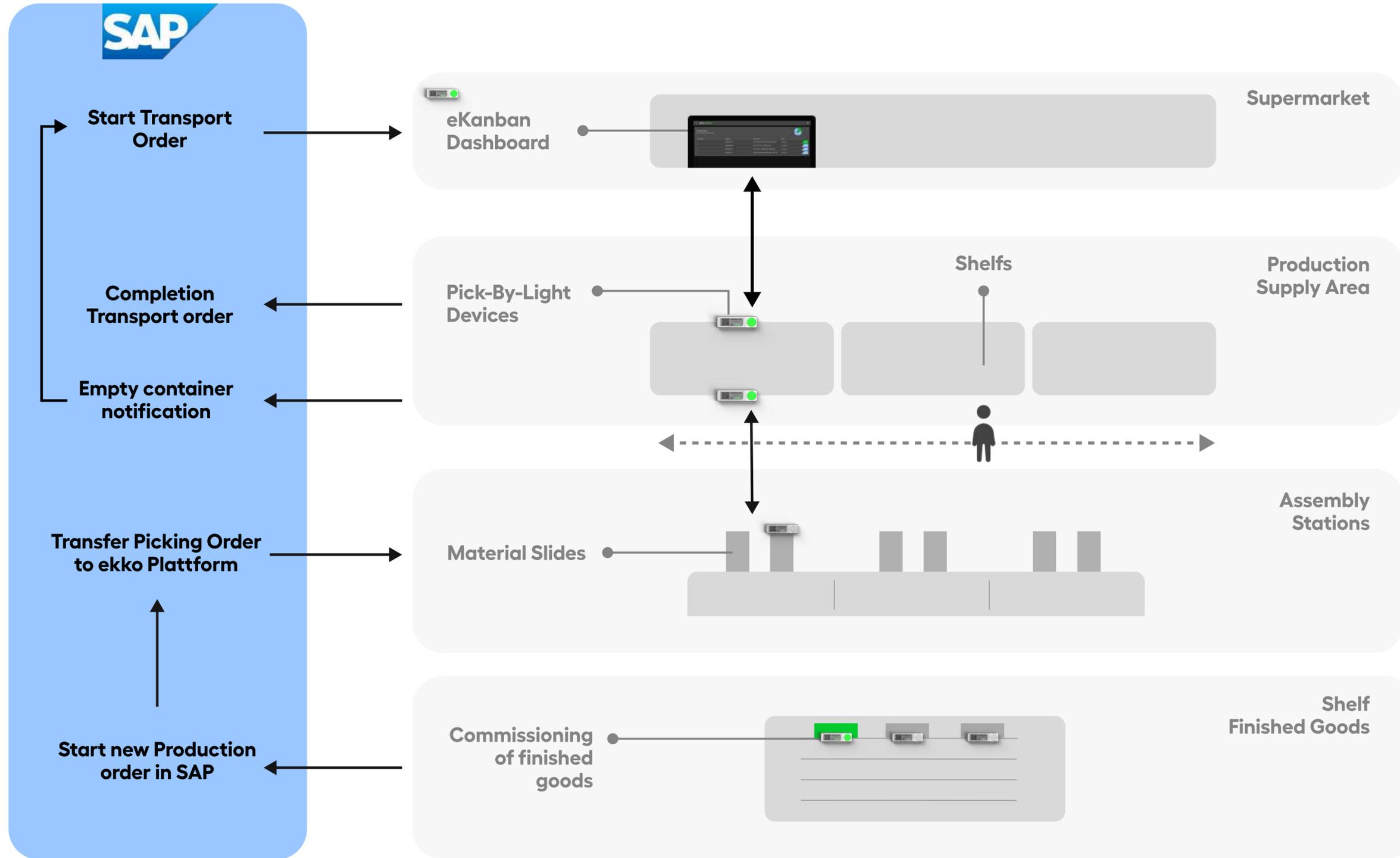
Assembly time per work station before ekko



2min

Assembly time per work station with ekko





Zollner

Strategic partnership for shopfloor digitilization

Success Story: Zollner

500_h

Hours search times avoided
each year

100%

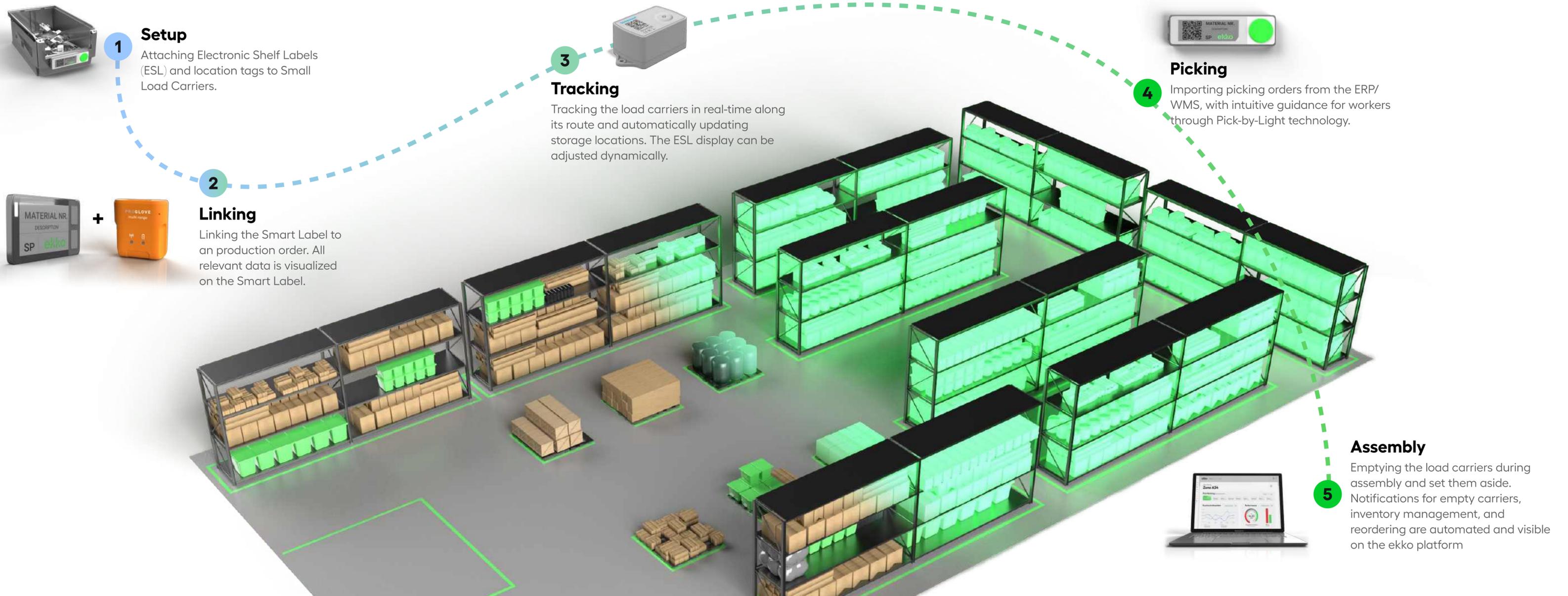
transparency over material
and order movements

15%

increase in productivity through
flexible production planning

Location Based Process Optimization

Through real-time tracking of materials along the intralogistics process including a fully automatic real-time inventory management



ekko Integration Paths

ekko can be operated both “stand-alone” and integrated into customer systems

ekko → Customer System



ekko Event Management

In ekko Event Management, you can define rules to trigger actions based on specific events



Events

- Hardware Events (e.g. Button Press, Geofence etc.)
- eKanban Events (e.g. Status changes in the kanban cycle)
- Picking Events (e.g. Order completion notification, Confirmation of a pick/place action)
- and so on...

Actions

- Webhook (HTTP-Request to a customer-configured endpoint)
- MQTT (Publishes the event in a customer-configured topic)
- eMail (Sending an email to a registered email address)
- and so on...

Customer System → ekko



REST API
Via Webservice

File Format:



Examples

- Updating data at coordinates (e.g., material master data)
- Transmitting picking lists
- and so on...

Access to API Documentation: [click here](#)



Our Range of Service

Comprehensive solutions to increase efficiency and maximize value at every stage



Process Analysis

Through our detailed process analysis, we identify inefficiencies and areas for improvement



Process Optimization

With process optimization, we enhance workflows to increase efficiency, reduce costs, and drive growth



ROI Calculation

Our ROI calculation provides a clear understanding of the financial returns on your investments



Installation Service

Our installation service ensures seamless setup and integration of systems, minimizing downtime



Employee Training

Our employee training programs equip your team with the skills and knowledge needed to effectively operate (remote)



Support

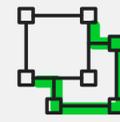
Our dedicated support team provides ongoing assistance to ensure smooth operations

How to start with ekko in agile process optimization



1. Discovery Call

We discuss the requirements and clarify the basic feasibility and possible savings potential for your store floor.



2. Analysis/Consulting

Our developers analyze your processes and prepare an individual ROI calculation.



3. POC/Pilot

Based on the ROI calculation, ekko creates a pilot for validation on site. The processes are integrated into your shopfloor step-by-step and fine-tuned.

SOFTWARE. MADE IN GERMANY.

Arrange a Discovery Call



Book Discovery Call

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Tel: +49 2302 430 870
LinkedIn: [ekko GmbH](#)

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Ruhrtal 5, 58456 Witten

ekko.io

Related links for more information



ekko Introduction Video

In this video you will get an initial visual overview of ekko and see excerpts from successful customer projects.



Deep Dive Brochure

More detailed information about our innovative technologies, comprehensive use cases and specific solutions.



eKanban Deep Dive

Detailed information on functions and integration options for ekko eKanban.



Return On Investment Heatmap

Find out all about the payback period with ekko. Our ROI document provides transparent information from previous projects.