### Internal logistics

Smart Factory Suite module for a complete control over material flow





# Internal logistics optimization is the key to lean production.

## How can you tell your material flow is not as efficient as it should be?

- you struggle with late deliveries (and might even be facing penalties)
- material shortages are not uncommon (because there is no real-time feedback about the speed of current production or because the line feeding process is not optimal)
- logistic trains are not utilized efficiently and are often overloaded or underloaded
- you have problems with **storage capacity** (possibly due to missing or inaccurate information about upcoming production and expedition)
- goods are often moved unnecessarily across your facility (e.g. because you don't know when and where exactly a delivery should be prepared for expedition)



The Internal Logistics module by Productoo gives you a complete control over your material flow – from the warehouse to expedition.



#### Produce without unnecessary stoppages.



Utilize your storage capacity and material-handling equipment efficiently.



Deliver just in time.







#### Internal Logistics: Main Areas & Features

Production stock management Raw materials reodering Line feeding Picking Repackaging Truck image monitor



#### Virtual Coverage: No more material shortage

**Future consumption of material inputs** is available at one click so you can **prevent unnecessary production stoppages**. It also helps you utilize your stock capacity more efficiently.

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#### Control your WIP: kanban loop dashboard

The kanban loop dashboard gives you a **clear overview of the status of your semi-finished goods production**. This allows you to **control your work-in-progress** by keeping a limited number of items in the loop.



#### Keep your line feeders on track

Line feeders have access to the current production plan in order to see how much material needs to be brought to production lines and when. A checklist is available for a **clear overview of what's left to prepare**. All is optimized for tablets so your team can stay **mobile and updated on the go**.



#### **Picking process optimization**

Once materials are produced, they should be picked and transported to the warehouse or to the expedition area. Productoo optimizes the number of items to be picked (= logistic leveling) so you **utilize the capacity of your logistic equipment efficiently** in each picking loop.



#### **Pick & Ship**

It's easy to track the status of each item from assembly to its transportation to the warehouse or truck image.



#### Real-time truck image monitor

The Truck Image Monitor informs you about all **upcoming shipments** (including production orders) as well as your expedition history. You can clearly see the progress of the preparation of each outbound delivery. This way you can make sure your goods are **ready and shipped (just) in time**.

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#### **Productoo 4.0** Manufacturing Digitization Ecosystem



Production tracking

Production execution

Maintenance management

### More than 150 manufacturing companies have set out on the journey towards digital transformation with Productoo







### We drive the digital evolution.

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