Boost your factory performance with Productoo

8 Key ROI Drivers
Aiming for these improvements? You’ve come to the right place.

- Create a paperless environment for better traceability.
- Improve OEE by 10-30%.
- Optimize planning to meet current demand (demand-driven strategy).
- Reduce lead time & changeovers and deliver on time.
- Reduce WIP and inventory.
- Monitor performance in real time and spend less time reporting.
- Make your staff flexible and mobile to save hours every day.
- Make better decisions faster and accelerate communication.
Create paperless environment for better traceability

Paper-based systems lack control and accuracy, and time is wasted searching for and communicating data across the factory.

Why should you consider going digital?

✓ increased **accuracy** and **speed**
✓ **traceability**: every step of the process can be tracked
✓ **transparency**: everybody gets access to the same real-time data
✓ **problems** can be **identified and solved before escalating**
✓ **no manual document work**, meaning no waste of time

Selecting the right digital solution for manufacturing is the first step toward change.

600-8,000 number of paper cards and other documents our customers had to print daily before digitizing their processes with Productoo
Improving OEE

Knowing the OEE value is important for one reason in particular: it allows you to find out about your losses, to identify the bottlenecks in your value stream. Productoo solutions can collect and visualize data related to all these losses. If you know where exactly you are wasting your resources and why this is happening, you can take necessary actions to improve your overall performance.

10-30%

OEE increase achievable by digitizing production and maintenance planning, execution and tracking.
Steps to a better OEE with Productoo

What? Analysis

Why?
- ✓ understand your value streams
- ✓ identify your bottlenecks
- ✓ continuous evaluation

How?
- Production Tracker
- Factory Cockpit

Asset Care

- ✓ focus on preventive maintenance
- ✓ accelerate issue reporting
- ✓ reduce time-to-react

Planning Optimization

- ✓ plan production with respect to capacity and demand

Shopfloor Management

- ✓ give shopfloor teams relevant data in digital form to minimize errors
- ✓ collect realtime information about performance

How?
- Maintenance Control
- Production Control
- Digital Workstation
Optimize planning to meet demand

Producing only what's needed, when it's needed and doing so as efficiently as possible is the ultimate goal of lean manufacturing.

With Production Control, you can easily create the perfect production plan driven by customer demand. Use the Artificial Planner to save time and let the system do the work for you.

What can you expect from transitioning towards demand-driven planning strategy?

- no more overproduction
- stock/inventory levels optimization
- just-in-time production
- right-size batches
You receive customer orders and send them to Productoo.

The system checks parts availability based on BOM.

Orders are assigned to available workcenters / production lines and instantly distributed to the Digital Workstation on the shopfloor. Not a single paper needs to be printed.

Daily plan can be fine-tuned using the electronic sequencer (manually or automatically. Any changes are reported to the shopfloor in real time.

The system monitors if production is meeting the plan and if not, it notifies you so you can take necessary action.
Reduce lead time, changeovers and deliver on time

As cliché as it sounds, time is money. Your customers are not going to pay for anything that doesn’t add value to their product. Wasting time is something you just cannot afford.

Use Production Tracker to get a complete overview of your production process including waiting times and increase the value added index of your production. The BI tool can also help you set future targets for your one-piece flow.

Production Control creates the optimal plan for you based on all the data. The artificial planner eliminates all unnecessary changeovers. Produce just what your customers demand and just in time. Use the Truck Image Monitor to make sure the goods are shipped when they are supposed to. No more time wasted!

up to 92% on-time deliveries
Reduce WIP and inventory

When you don’t have a reasonable WIP limit, your cash is tied up in inventory, your cycle times are probably longer than necessary and it’s easier to make mistakes in the process. Setting WIP limits that reflect customer demand and your production capacity is one step on the way to leaner manufacturing.

Analyze your current production with Production Tracker and identify your weak points. Use the tool to monitor your stock as well as the overall material flow.

What are the benefits?
✓ better use of production capacity
✓ optimal pace of work & shorter cycle time
✓ improved cash flow

35%
inventory reduction reported by our client after just 3 months of using Production Tracker
Monitor performance in real time & spend less time reporting

Staying updated on your production performance is essential for your business. But you don’t want to waste too much time trying to get the right information.

Use Production Tracker to monitor all your production items in real time. Display graphs and generate reports about different aspects of your value streams within seconds. Need to check KPIs from all systems and apps that you use in your plant? Log in Factory Cockpit, a 3D tool for factory management.
Make your staff flexible and mobile

Although you can definitely do many daily operations related to production from behind an office desk easily and efficiently, there are still a lot of tasks where using a desktop computer or a laptop slows the whole process down.

Operators, line feeders, warehouse workers and maintenance technicians spend most of their shift on the shopfloor or in the warehouse. In order to do their work efficiently, they need to have the right data at hand, without having to go to check anything on a computer or with their team leader. Production Control and Maintenance Control have modules designed to be used on the shopfloor.

And managers? They can stay in touch with the business thanks to the Factory Cockpit mobile app.

35% time savings achieved by one of our clients by using Productoo for daily operations.
Smart manufacturing isn’t just about the software or performance KPIs. It is – or should be – **people oriented**. A good digital solution should make data more widely available to all people involved. This accelerates communication and promotes faster and better decision making on all levels of production management.

**If the right person has the right information at the right time, they can act quickly and prevent issues from escalating.**

Productoo Smart Factory Solutions connect all teams across the factory (whether they are sitting in the office or on the production floor, whether they work in the warehouse or at an assembly line). They give all of them access to the same, real-time data, and empower the right people to be more efficient and agile decision makers.
Customer story

Higher efficiency thanks to production tracking

The client
- a pharmaceutical company
- 25 manufacturing work centers
- 12 packaging centers

The challenge
- OEE 20-30%
- insufficient understanding of value streams
- long lead time – 113 days on average
- too time-consuming access to data and generation of reports

The solution
- implementation of the Production Tracker tool
- SAP integration
- tracking and visualization of the entire manufacturing process including waiting times between stages (real-time and historical data available)

The results
- 32% OEE increase
- 55% lead time reduction
- 12 seconds to find out the current status of a batch
- 90 minutes saved daily on data acquisition and reporting
Customer story

Significant time savings with production digitization

The client  an automotive company
35 manufacturing lines
11 packaging lines

The challenge  an average of 1,200 orders printed daily and distributed to the shopfloor
Total time spent on planning: 15-20 hours weekly
Time-consuming ERP data management
Hard to keep up with current performance (if plan is being met)

The solution  Digitization of the entire manufacturing process by implementing Production Control
(including Digital Workstation)
SAP integration
Involving and connecting planners, warehouse workers, logistic managers, operators

The results

- 35% time savings (all operations)
- 15 minutes spent daily on production planning
- 85% on-time deliveries
- 14 weeks ROI
Digitization of the manufacturing process has a positive impact on the overall business performance.

But its effects are experienced across the whole factory. Digital transformation brings better working environment for your staff and makes everyday operations much faster and easier.
Productoo 4.0
The Ecosystem Architecture
We drive the digital evolution.