



Work Instruction 4.0

How to increase productivity in your production with digital work instructions

Used by leading companies



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Paper-based processes: Efficiency killers in production

International competitive pressure, cost pressure, a shortage of skilled workers and increasing demands from customers or regulations are constantly interfering with the corporate value creation process.

Especially in **production processes** such as maintenance, assembly, quality inspection, etc., these *rapidly increasing challenges* must be mastered. Despite all the difficulties, your **operational employees** ensure added value for your company day after day.

Challenges



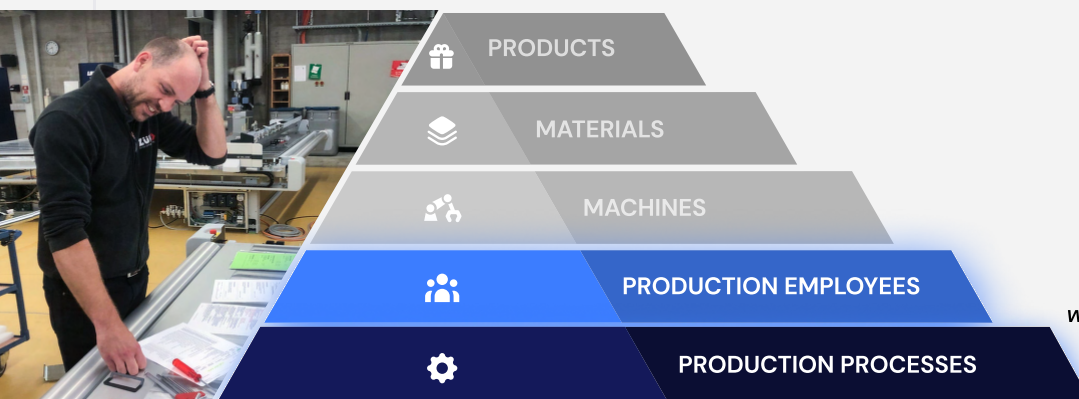
Competitive and
cost pressure



Skills shortage



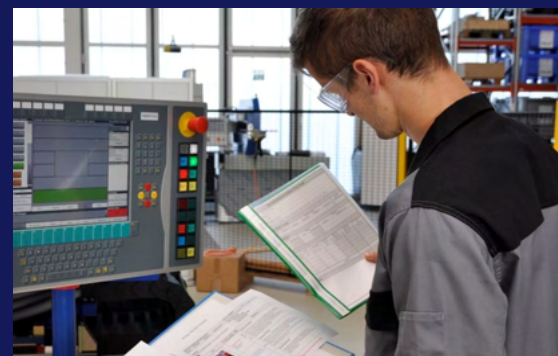
Increasing
requirements



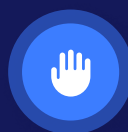
Value creation pyramid
with focus on processes
← and employees

While industrial companies have already understood that digitalization can help them meet the high demands, production employees continue to work **with paper-based work instructions and checklists**.

The status quo in production is often as follows:



Too much paper
in production



High manual effort



No standardized
process knowledge

The problems of the status quo through paper-based work instructions

Work instructions created in Word, Excel, PowerPoint etc. and printed out on paper prove to be very inflexible in practice. This combination of MS Office and paper-based processes leads to a number of operational problems and disadvantages:

Inefficient execution of activities

due to non-employee-friendly work instructions and maximum checklists



Risk for loss of knowledge

due to unsecured knowledge of experienced employees upon retirement



Additional manual effort

when creating and managing documents in MS Office & Co.



Increased error and cost potential

because of complex and text-heavy information presentation



Slow CIP process

due to long pass-through cycles of adjustments caused by paper



Incomplete documentation and poor traceability

caused by a lack of control mechanisms in analog documentation and archiving processes



All of this prevents manufacturing companies from establishing more efficient and high-performance production processes to increase company growth.

The good news: digital work instructions can be used to digitize employee-led activities and provide more comprehensible information as a real game changer in production.



„The time of our well-trained and experienced employees is precious. They should not have to use this valuable time to search through paper-based documents.“

Claudio Sutter
Project Engineer Process Excellence
KraussMaffei

KraussMaffei
Pioneering Plastics

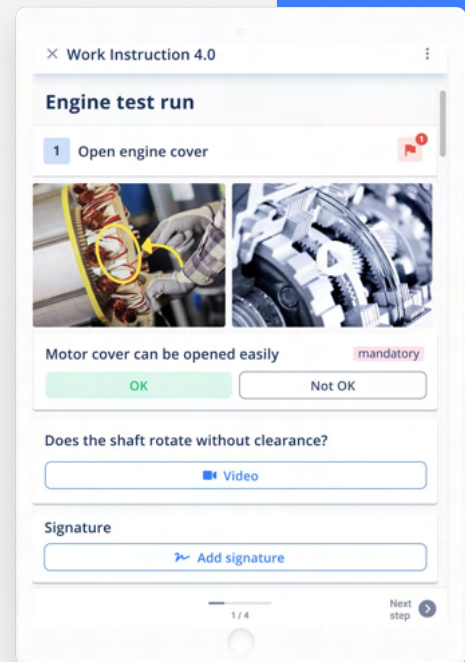
Digital work instruction with Operations1...

... are characterized by the fact that work steps are simply displayed using images and videos and interactive elements such as mandatory interactions guide the employee safely through the process. Workers who carry out their activities using digital work instructions report **enormous simplifications and increased safety in process execution** and appreciate the ease of use of the multilingual software.

„The Operations1 software is so easy to understand that it can be used by employees within 10 minutes training.“



Walter Wittmann
Head of Assembly Line
Krones AG



Your advantages with digital work instructions

Secured process knowledge
centrally and available at all times ✓

Quick training
of employees through multilingual multimedia checklists ✓

Cost and error reduction
through standardized processes and digital worker guidance ✓

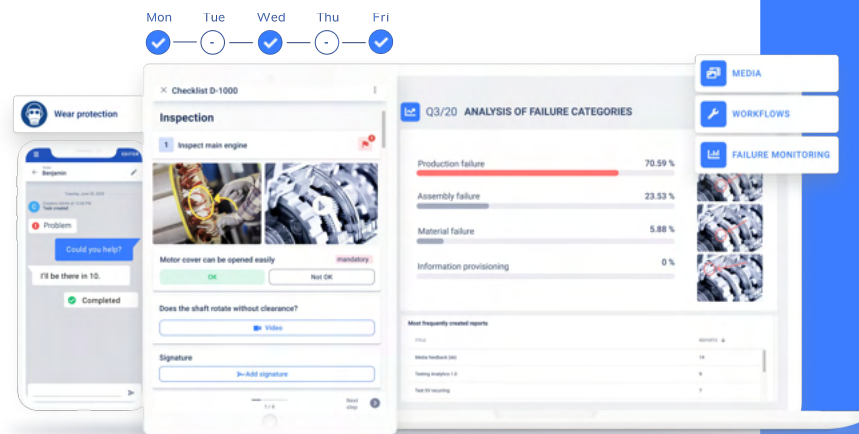
Increased efficiency and speed
in the execution of activities through comprehensible information provision ✓

Flexible process optimization
through quick adaptation and immediate provision of optimized content ✓

Increased verifiability
with seamless digital reports ✓

A field-proven software

Operations1 not only helps to reduce non-value-adding activities in production, but also supports companies in **saving costs and unlocking previously tied-up time resources** so that they can be used to create value for more growth.



“The reduction in training times by 67% with Operations1 results in **annual savings of over € 2.2 million.**”

Steffen Paul
Head of Future Projects / REFA
POLIPOL

-67% TRAINING TIME



-60% MACHINE DOWNTIME



**Hirschvogel
Automotive Group**

“By using Operations1, we save **€250,000 per location every year.**”

Stefan Führer
Maintenance Leader
Hirschvogel Automotive Group



-95% EFFORT FOR DOCUMENTATION

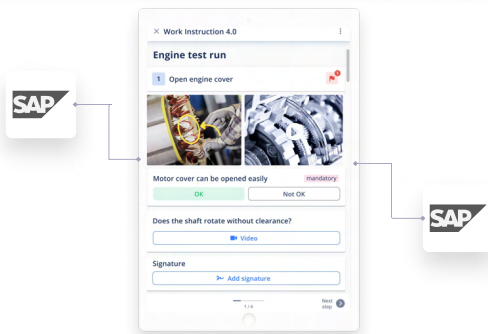


“Through Operations1 we save **over €180,000 per year.**”

Cyril Maurer
Head of Production and Test Bench
Soudronic

Soudronic

Always adding value – as a stand-alone solution or connected



Thanks to our integration solutions such as REST API, Operations1 can be connected to **leading systems such as ERP, ME etc.** on request. This allows you to exploit the full potential of your system landscape and your available order and process data.

Well advised and supported by our product experts

Take advantage of our team's years of experience and get in touch with our product experts:

- ✓ Discussion of your use case
- ✓ Analysis of existing problems in your process
- ✓ Presentation of solution options with the Operations1 software



"The Operations1 team very quickly conducted a convincing analysis of our current situation and found exactly the right answers to our challenges."

Markus Hölzl
Global CIO
Zünd Systemtechnik

ZÜND
swiss cutting systems

Extract of our customers



BOSCH



LIEBHERR

DAIMLER TRUCK



JUNGHEINRICH



operations¹

Get into conversation with us

Use the exchange with our product experts to find out how you can benefit specifically from Operations1.



[Book a meeting](#)



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