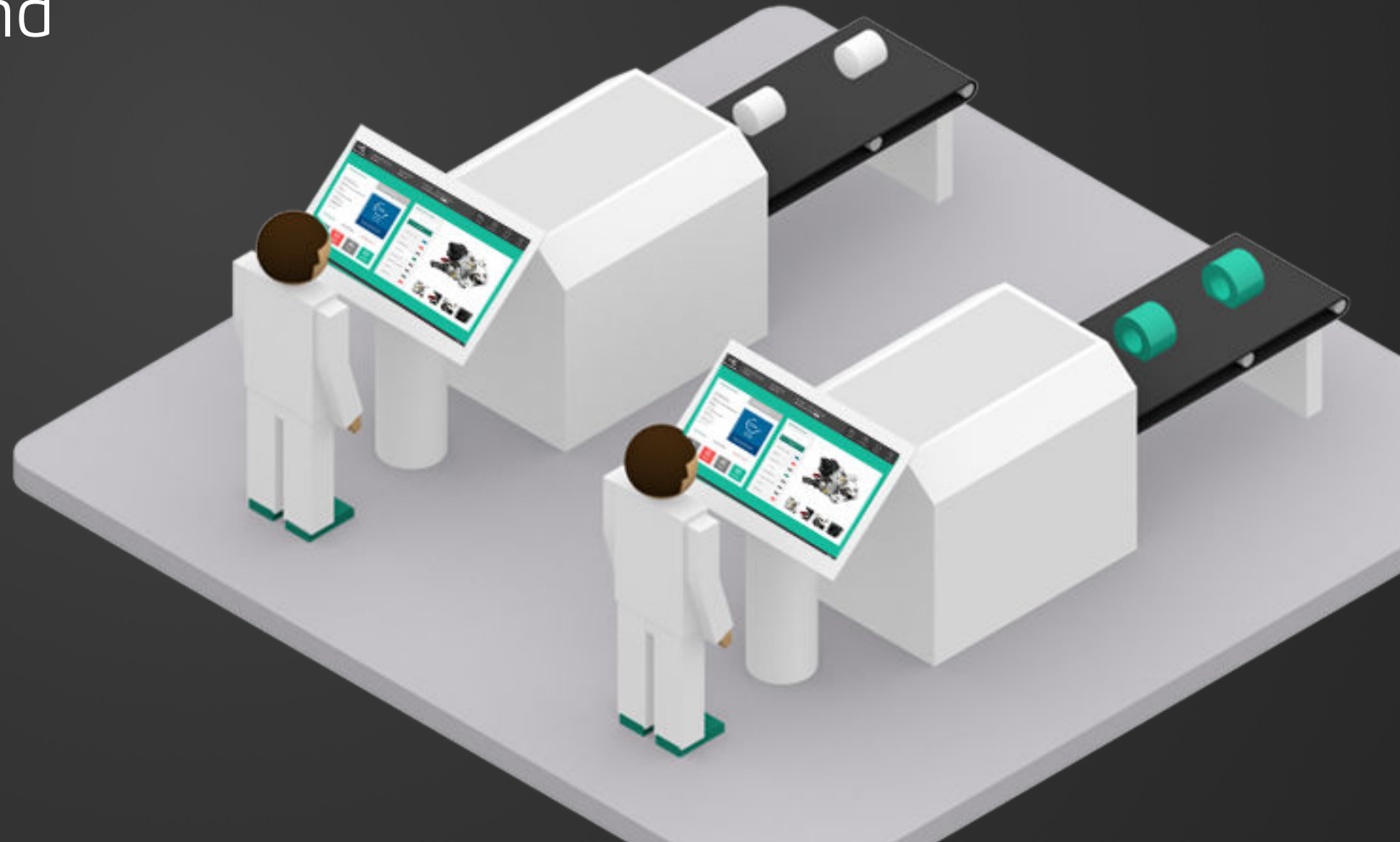


Digital Workstation

Smart Factory Suite module
for production execution and
shopfloor management



productoo®

Production orders, kanban cards, working instructions, documentation...

These are just a few examples of how paper is used on the production floor. The problem with paper-based production management is its lack of reliability, speed and flexibility:

- operators lose, damage or mix up orders/kanban cards
- it's hard to make sure everybody has access to up-to-date documents
- orders are often processed incorrectly, which results in scrap, rework and even late deliveries
- issue reporting and escalation processes are slow and inefficient

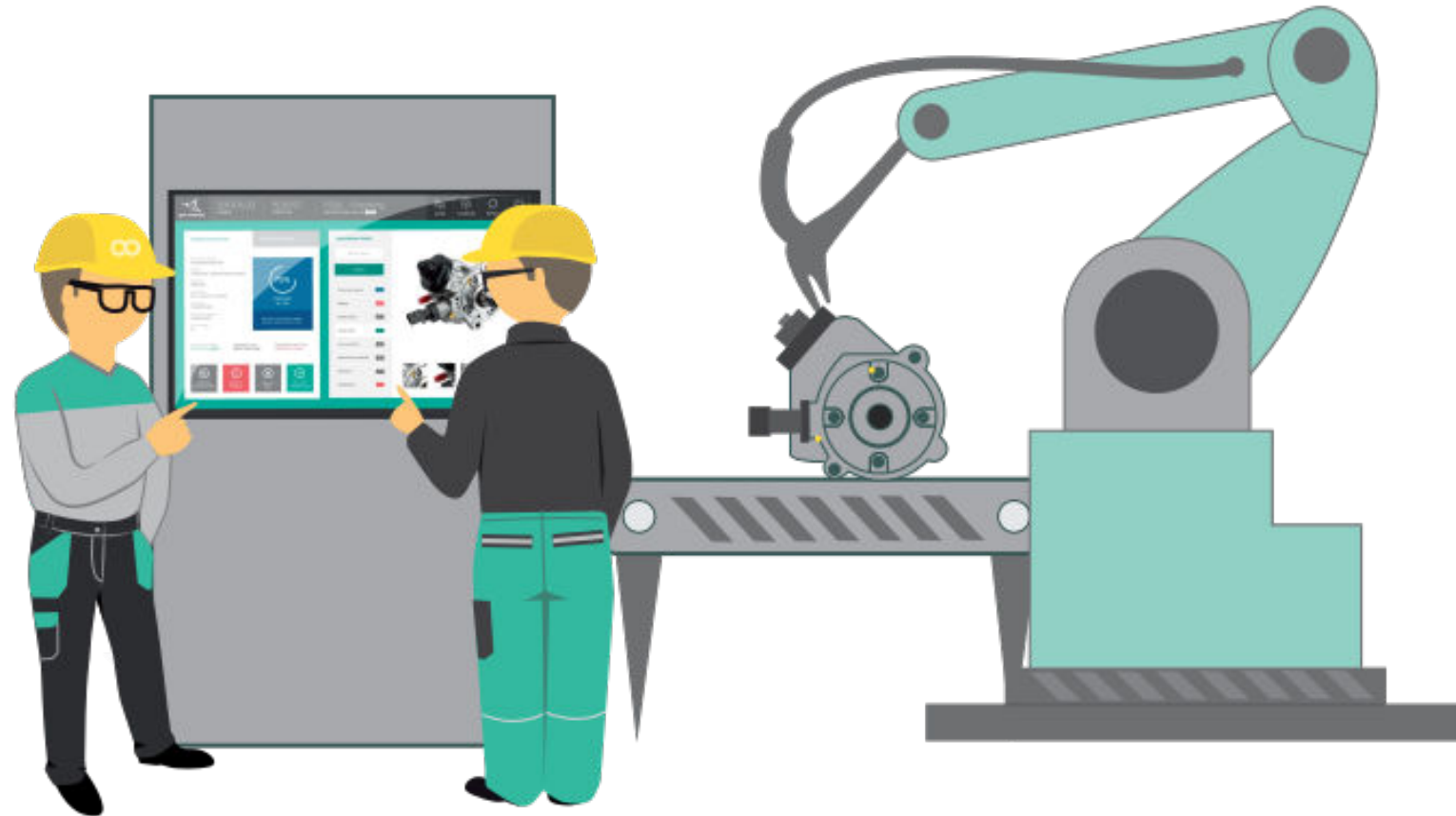
Moreover, it's challenging to keep track of the current production status due to a lack of real-time data – or their difficult accessibility.



Solution? **Empower your production teams.**
Go digital with Productoo.

35%

average time savings
achieved on the
shopfloor using
Digital Workstation



Smart shopfloor management with Productoo



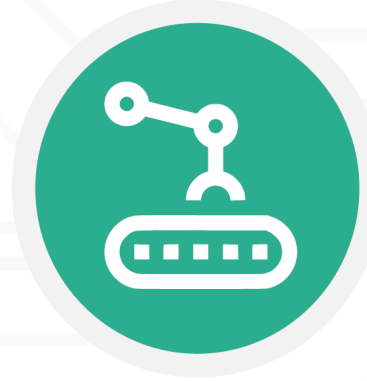
Accelerated & reliable workflow

instant distribution of production plan, fast issue reporting and escalation



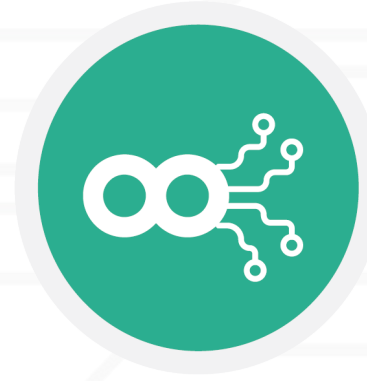
Data availability

all documents are up-to-date and available on one screen



Efficient production

elimination of incorrect operation, real-time production status available instantly



Connectivity & synchronization

integration with your ERP or other systems

Productoo Digital Workstation: Main features

Electronic sequencer

BOM visualiser

Production declaration

Digital andon

Operator skill & qualification matrix

Working instructions & documentation

Notification center

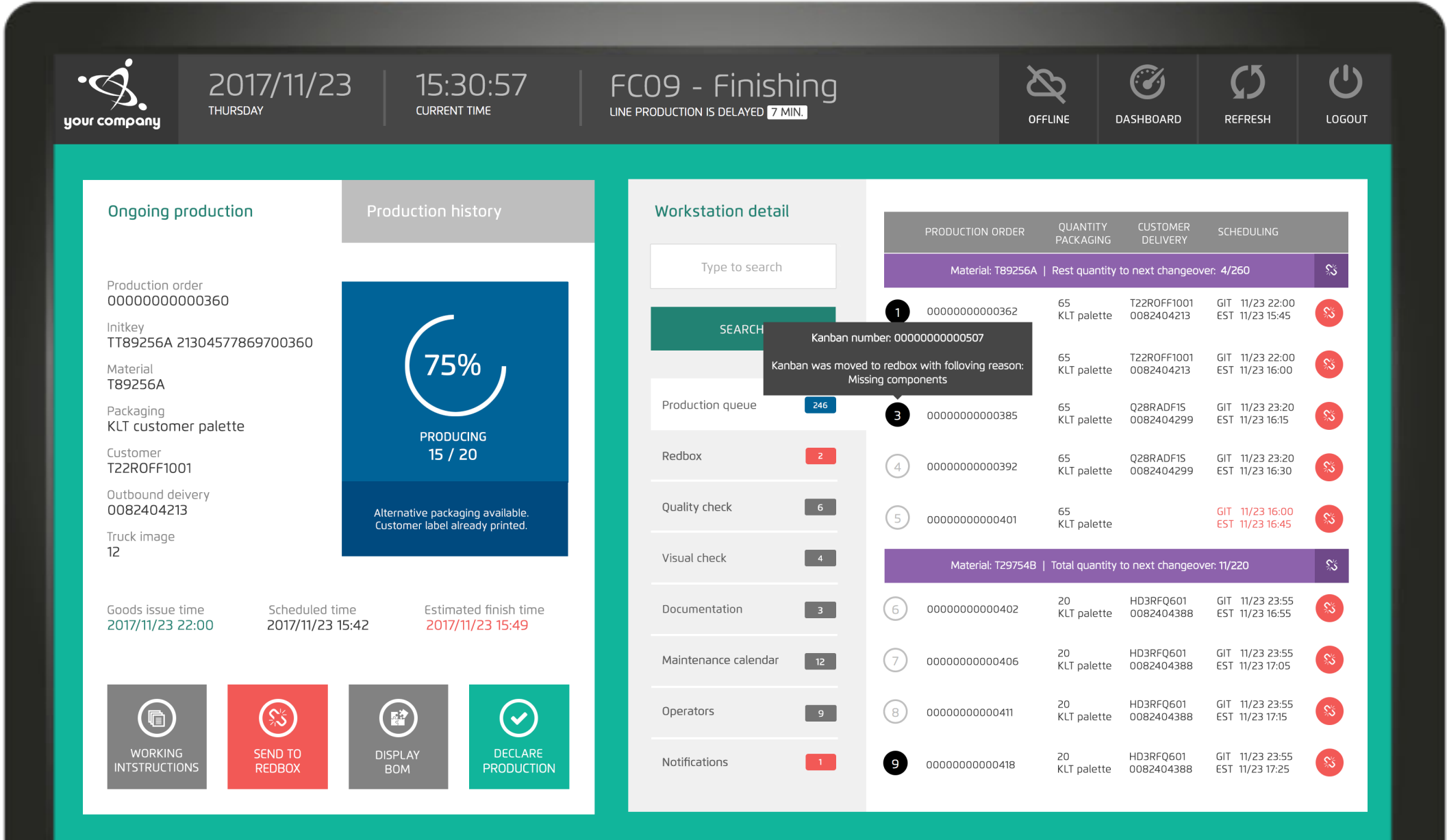
Visual & quality check

Efficiency management (OEE)




Electronic sequencer & production declaration

Production orders are distributed to the workstation in real time. Production can be declared manually or automatically. The background color serves as digital andon. Digital Workstation gives **real-time feedback** on current production status to the right people (team leaders, planners etc.).



Working instructions & documentation


Working instructions are displayed automatically for the current production item. Text, pictures, video – whatever format fits you the best. All sorts of documents can be stored, searched through and previewed in this module. Customization provides a number of editing functions including bulk editing.





2017/11/23
THURSDAY


15:30:57
CURRENT TIME

FC09 - Finishing
LINE PRODUCTION IS DELAYED 7 MIN.

OFFLINE

DASHBOARD

REFRESH

LOGOUT

Ongoing production

Production history

Production order
00000000000360

Initkey
TT89256A 21304577869700360

Material
T89256A

Packaging
KLT customer palette

Customer
T22ROFF1001

Outbound delivery
0082404213

Truck image
12

75%


PRODUCING
15 / 20


Alternative packaging available.
Customer label already printed.


Goods issue time
2017/11/23 22:00


Scheduled time
2017/11/23 15:42

Estimated finish time
2017/11/23 15:49

WORKING INSTRUCTIONS

SEND TO REDBOX

DISPLAY BOM

DECLARE PRODUCTION

Workstation detail

Type to search

SEARCH

Production queue246

Redbox2

Working instructions5

Visual check8

Documentation16

Maintenance calendar12

Operators9

Notifications17

PREVIOUS

NEXT

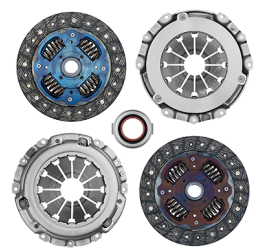
EXPAND ALL

COLLAPSE ALL

STEP 1 - WORKSPACE PREPARATION3 min.▼

STEP 2 - COMPONENT PREPARATION5 min.▲

SFT89256-2HX - V02A	1 PCS
SFT89256.4XX - V01X	1 PCS
SFT89256.NHX - V01X	1 PCS
SFT8SERIES - V01AL	1 PCS
SFT8S995SCK - V02A	1 PCS



- Phasellus faucibus molestie nisl.
- Nulla non arcu lacinia neque faucibus
- Mauris tincidunt sem sed arcu
- Aliquam ornare wisi eu metus sollicitudin

Vivamus luctus egestas leo. Donec vitae arcu. Aenean fermentum risus id tortor. Nulla accumsan, elit sit amet varius semper, nulla mauris mollis quam, tempor suscipit diam nulla vel leo. Vivamus luctus egestas leo. Quisque tincidunt scelerisque libero. Morbi scelerisque luctus velit. Pellentesque ipsum integer.

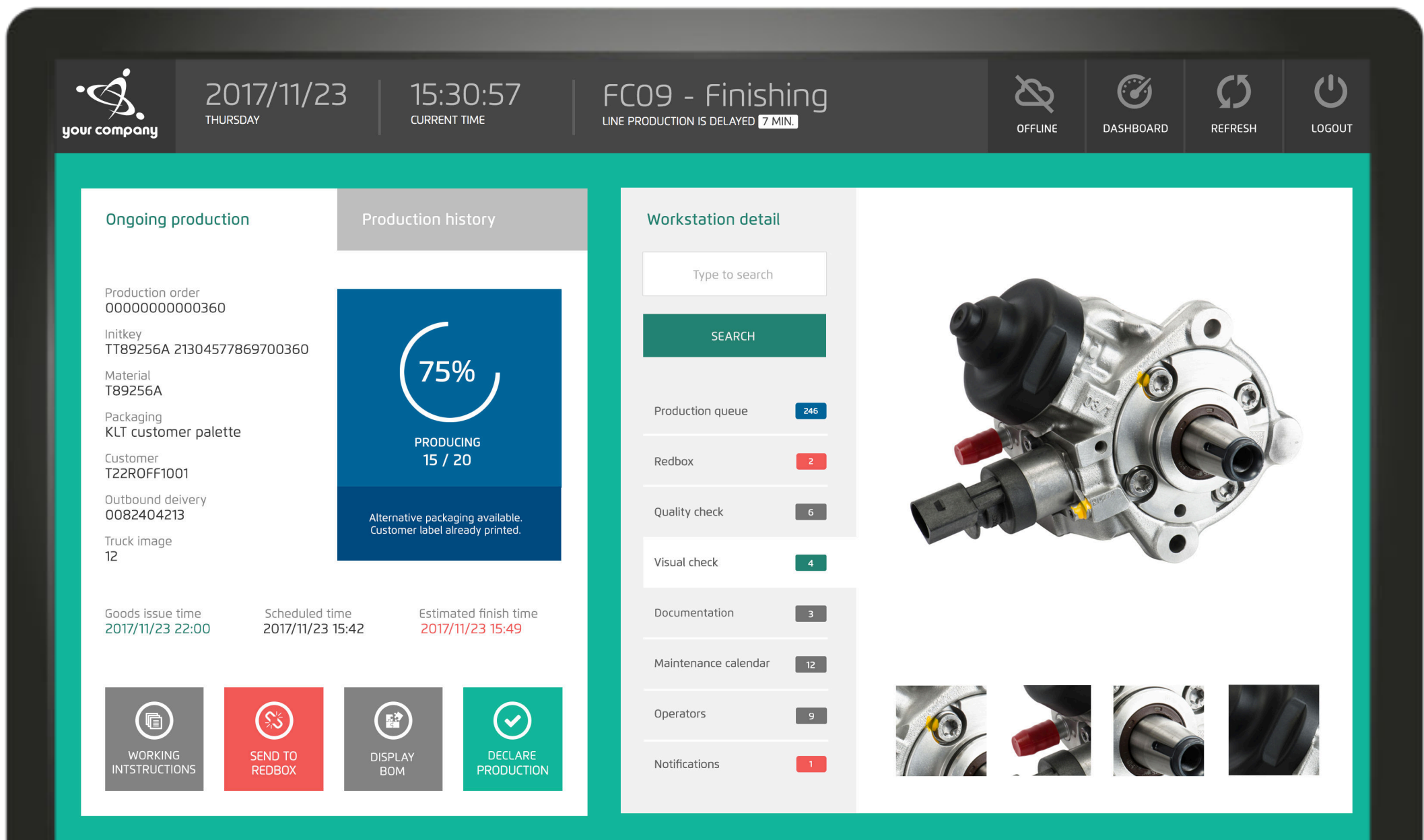
STEP 3 - ASSEMBLY PROCESS12 min.▼

STEP 4 - LABEL PRINTING1 min.▼

STEP 5 - PACKING INSTRUCTIONS4 min.▼

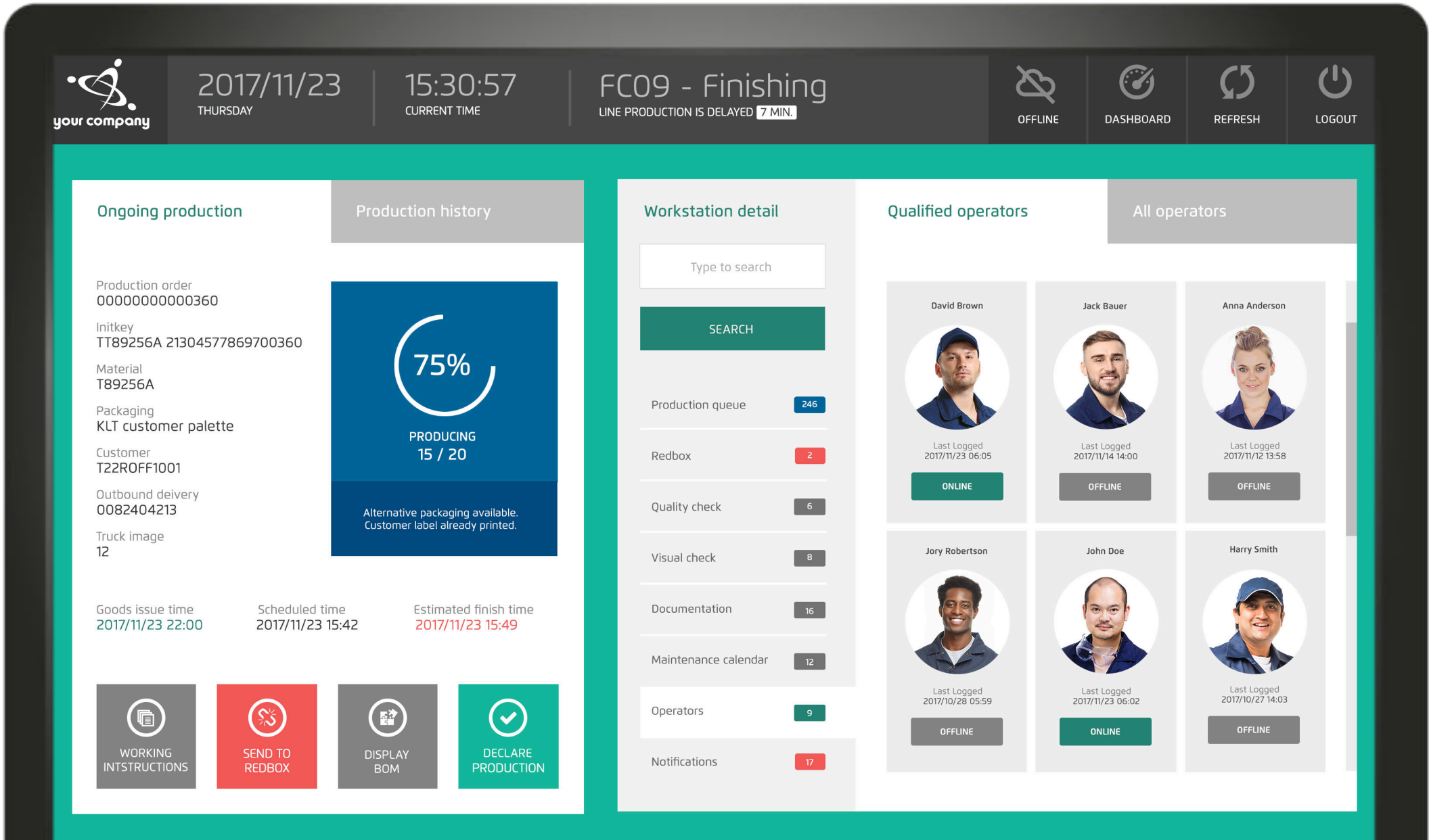
Visual & quality check

Periodic inspections of visual and quality requirements. A Pareto chart of most common defects can be generated upon request.



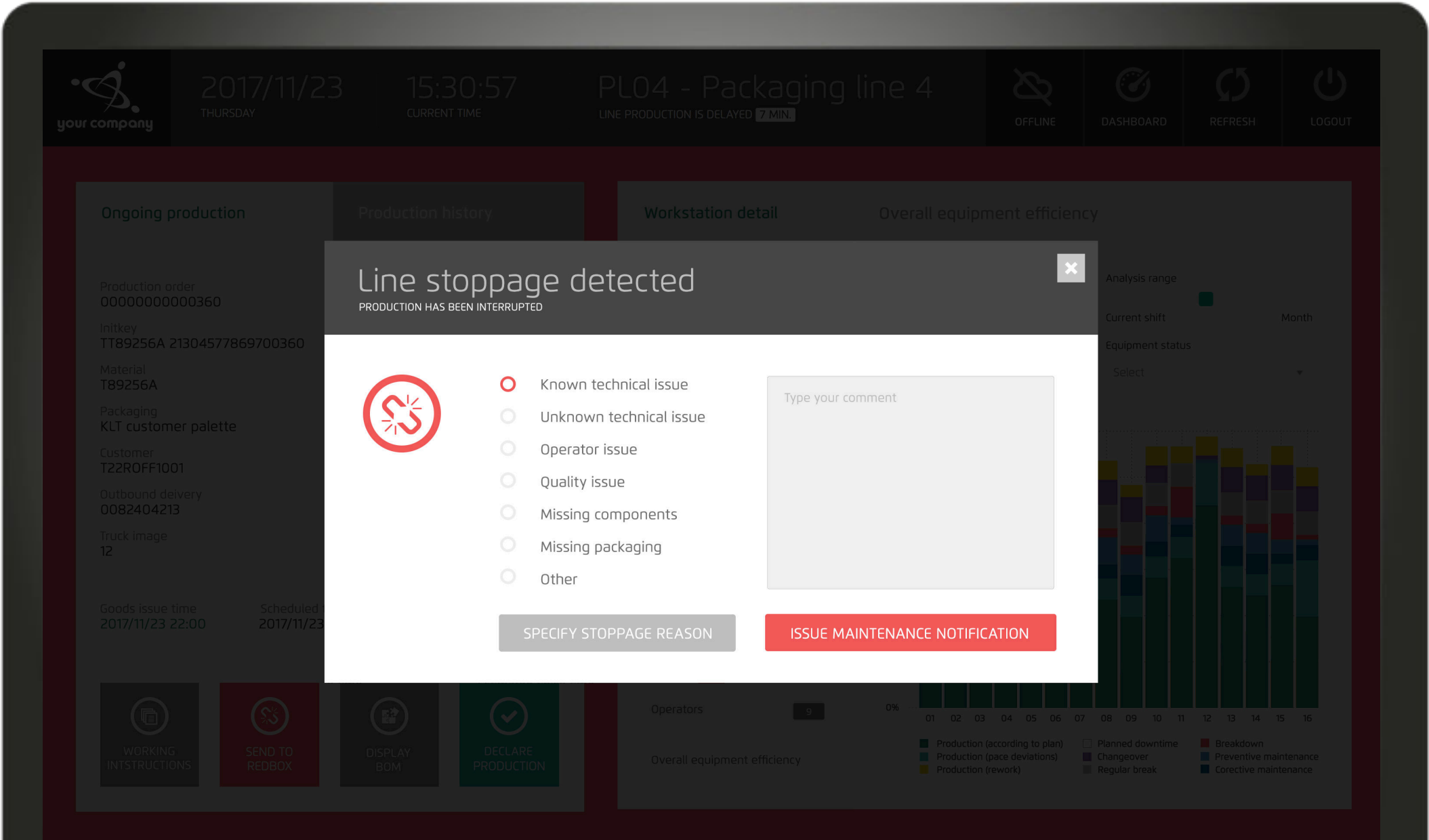
Operator qualification matrix

Avoid incorrect operation by making sure only qualified operators are allowed to perform certain jobs. Digital Workstation checks the skill matrix and notifies the right people in case of any issue. All events are logged and can be tracked easily.



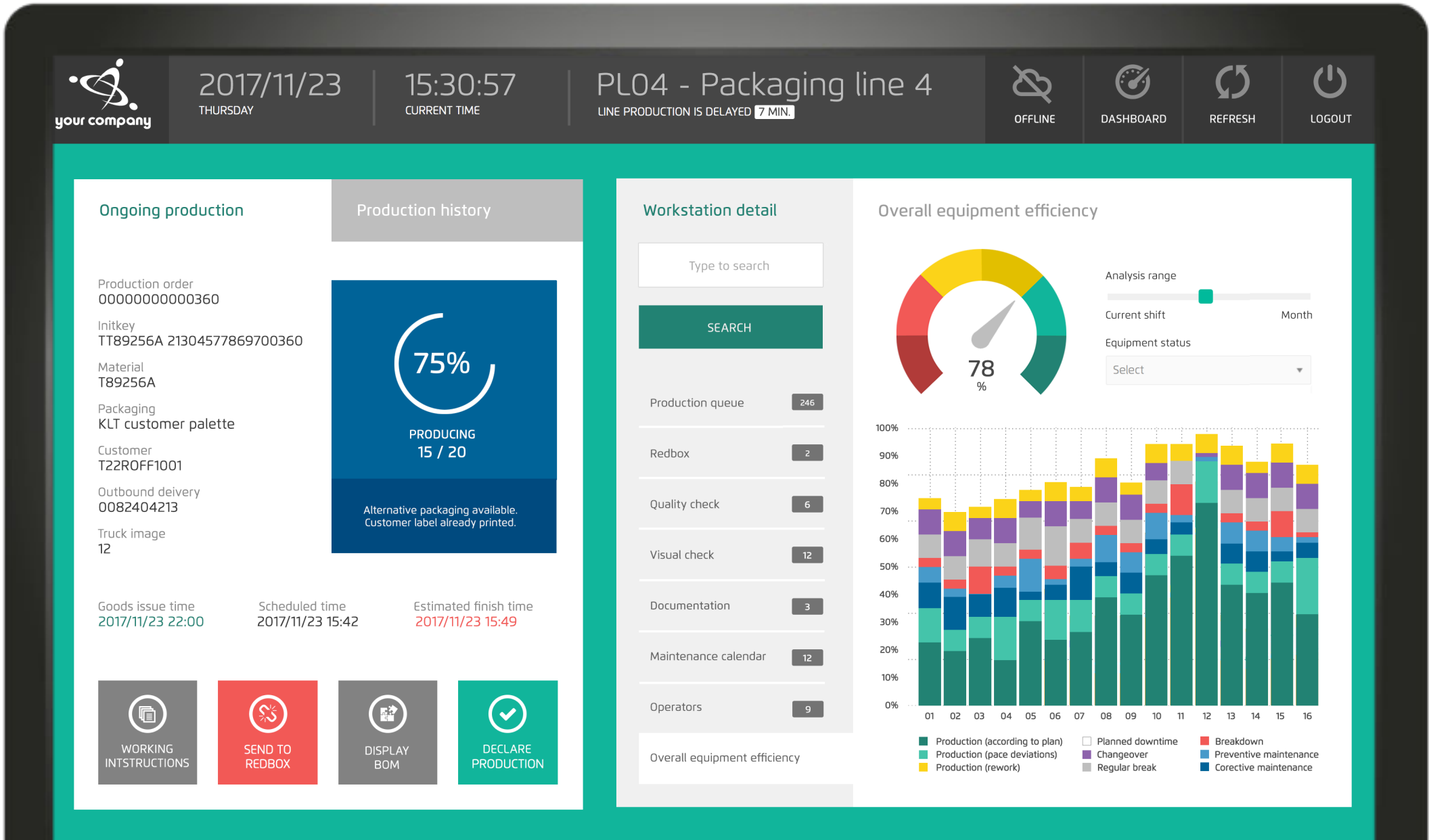
Efficiency management

Manual, semi-automated or automated inputs of production and non-production events allow you to keep track of your efficiency. You can also set up processes for issue escalation and accelerate the entire workflow.



OEE dashboard

OEE visualisation is available at each workstation. The dashboard gives you a clear overview of efficiency losses and helps you understand the bottlenecks of your production capacity.

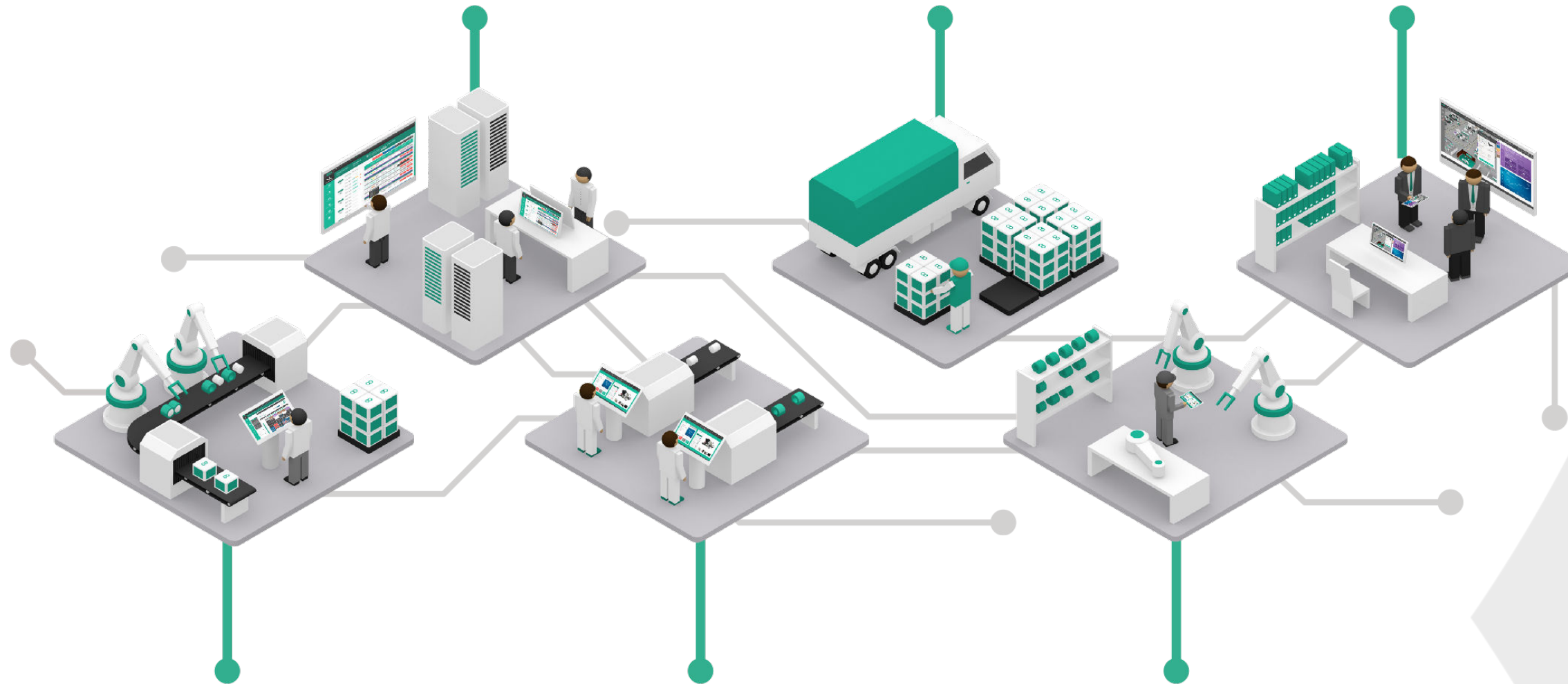


Productoo 4.0 Manufacturing Digitization Ecosystem

Production planning

Internal logistics

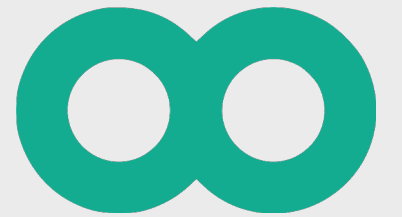
Performance
monitoring & reporting



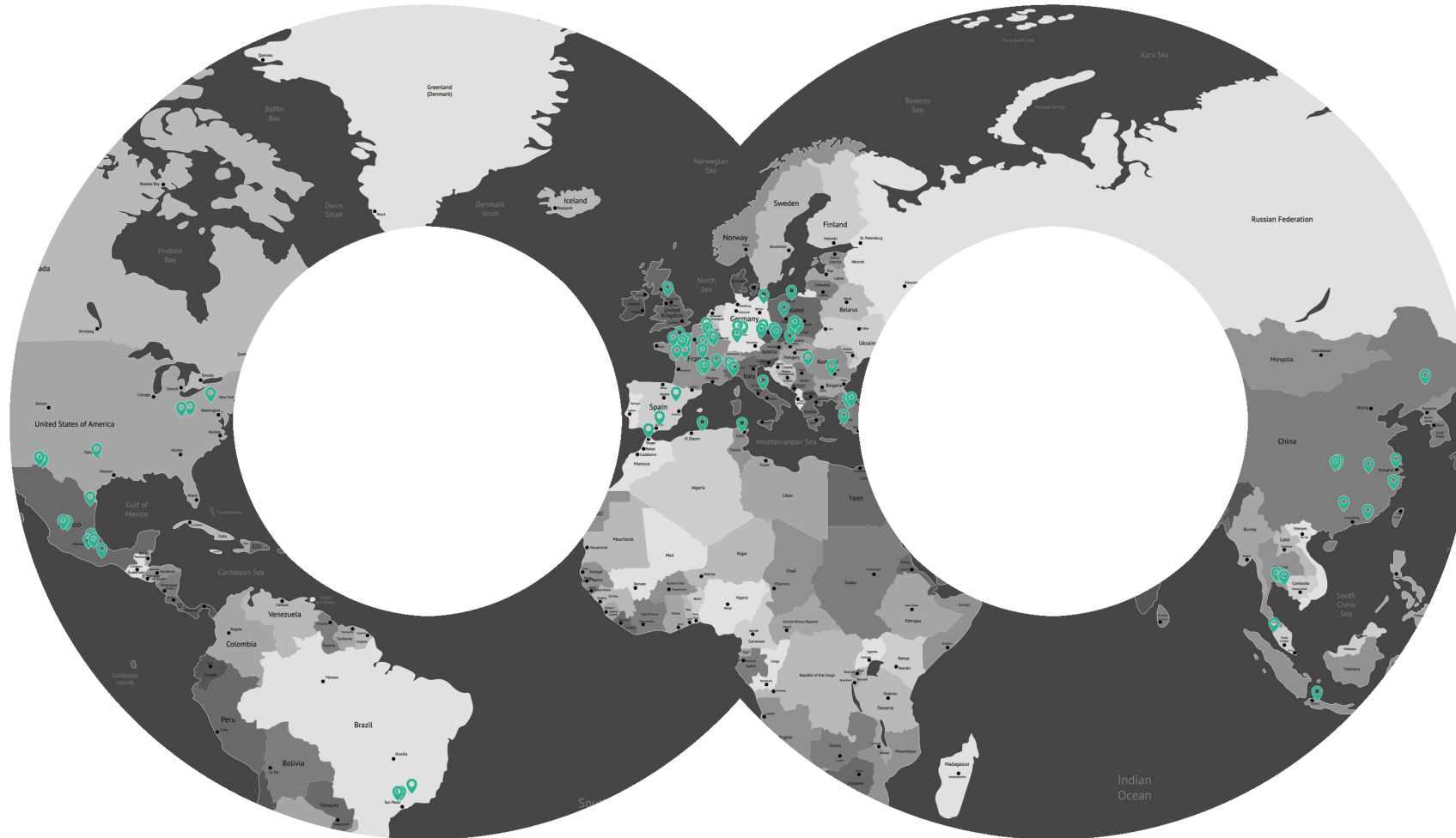
Production tracking

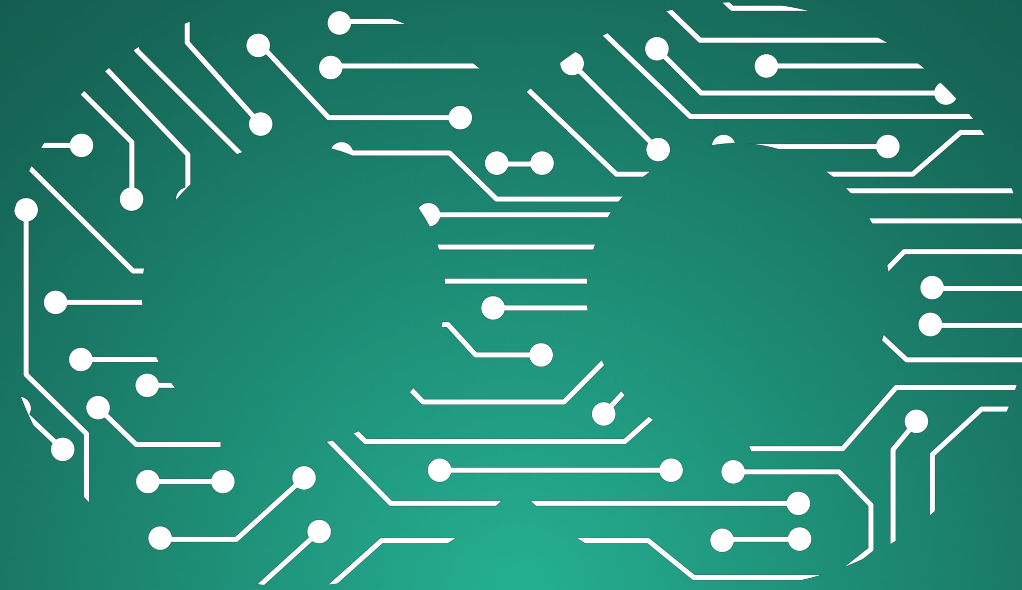
Production execution

Maintenance management



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





We drive the digital evolution.

office@productoo.com

www.productoo.com

