WE
DIGITIZE
LEAN !

JUKI

Kanri
Soft

We make processes visible, measurable and controlable

This is how Kanri Soft works in 4 steps

STEP 1

COLLECTING DATA FROM MULTIPLE SOURCES
We collect process data directly from machines, other systems and operators in one place

STEP 2

PROCESSING
We prepare the data for next steps and calculate KPI's

STEP 3

VISUALISATION
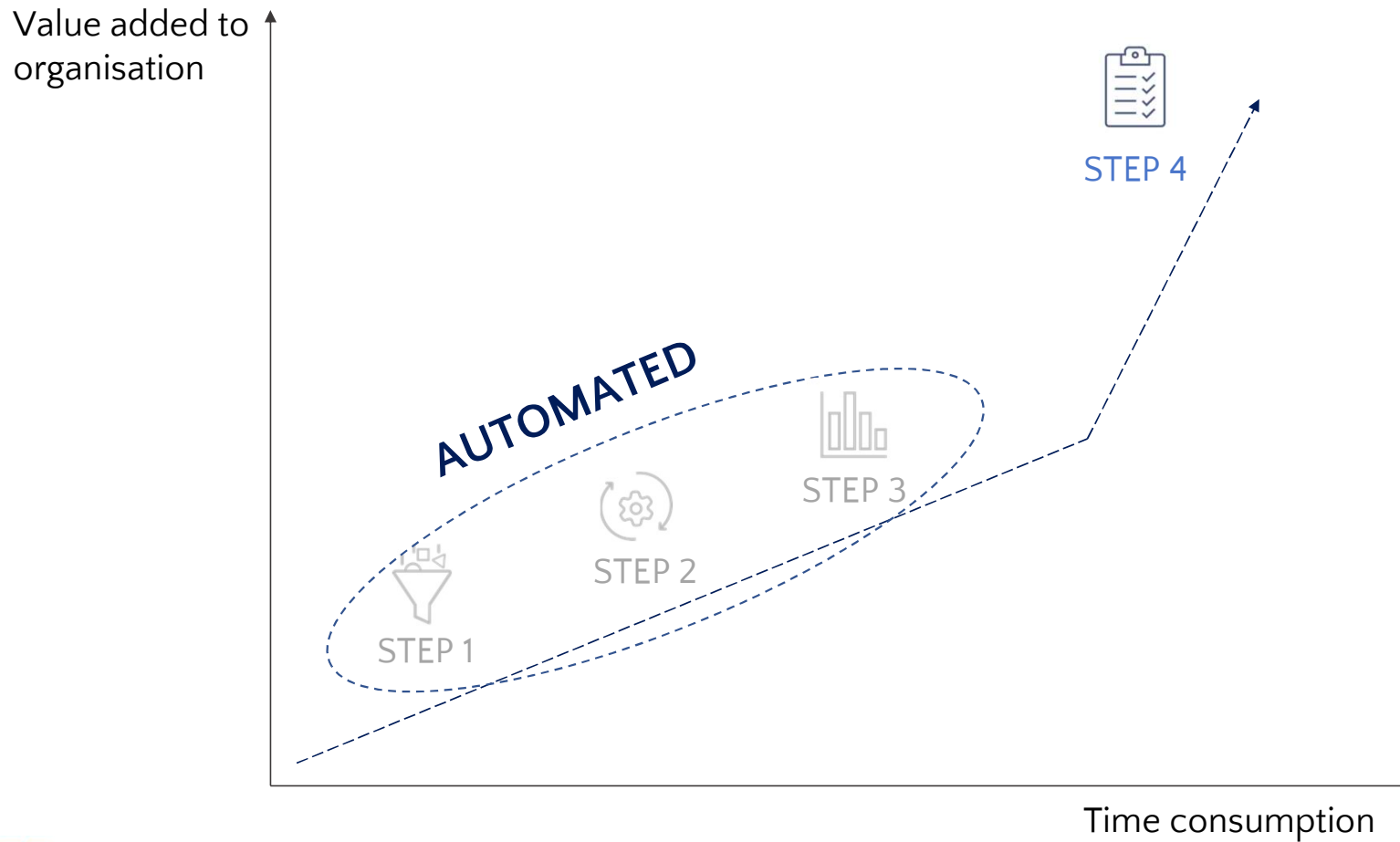We draw charts with real time data and display processed data

STEP 4

USE IN MANAGEMENT
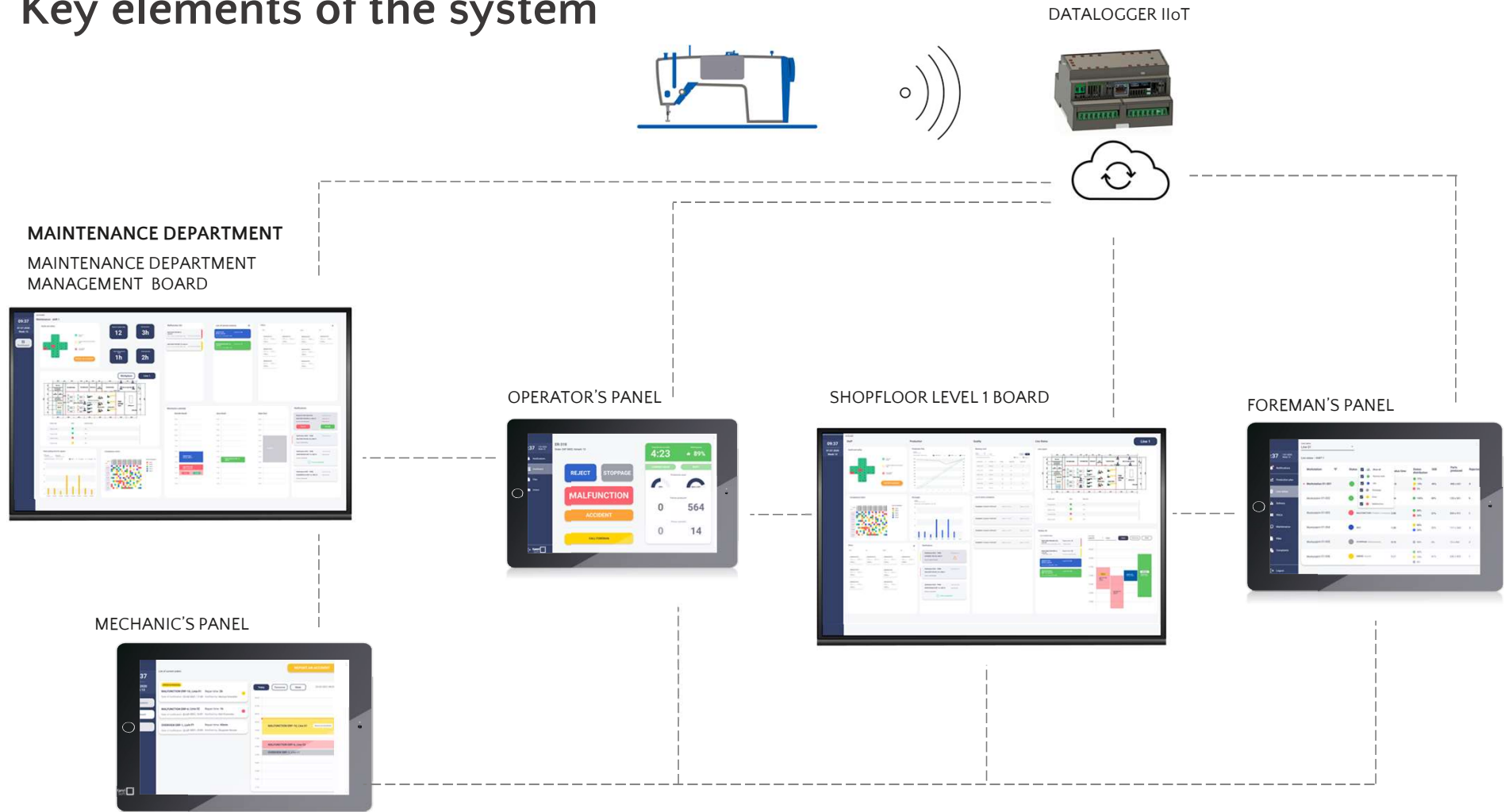We enable task management tools to act on real time data

JUKI

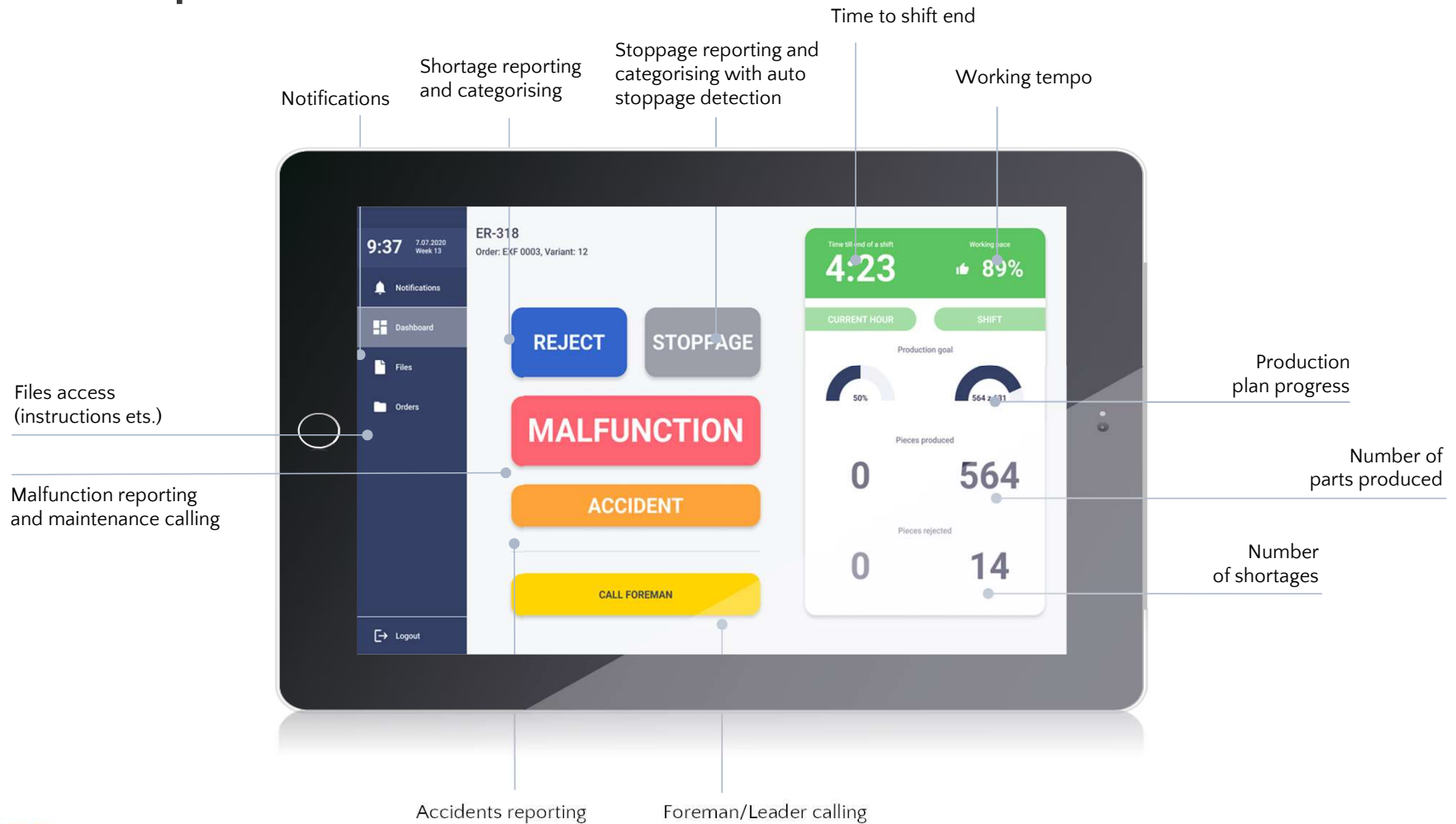# We save time automating Non–Value–Added activities

Value added to
organisation

AUTOMATED

STEP 4

STEP 3

STEP 2

STEP 1

Time consumption

How does it work?

Key elements of the system

DATALOGGER IIoT

MAINTENANCE DEPARTMENT

MAINTENANCE DEPARTMENT
MANAGEMENT BOARD

OPERATOR'S PANEL

SHOPFLOOR LEVEL 1 BOARD

FOREMAN'S PANEL

MECHANIC'S PANEL

Operator's panel

Time to shift end

Stoppage reporting and categorising with auto stoppage detection

Shortage reporting and categorising

Working tempo

Notifications

Files access (instructions ets.)

Malfunction reporting and maintenance calling

Production plan progress

Number of parts produced

Number of shortages

Accidents reporting

Foreman/Leader calling

JUKI

7

Foreman's panel: Production line status

Foreman's panel: Production progress

Workstation select

Yesterday's data
quick access

Shift select

Date select

Line select

OEE

Detailed
data

Production
plan

Production
progress
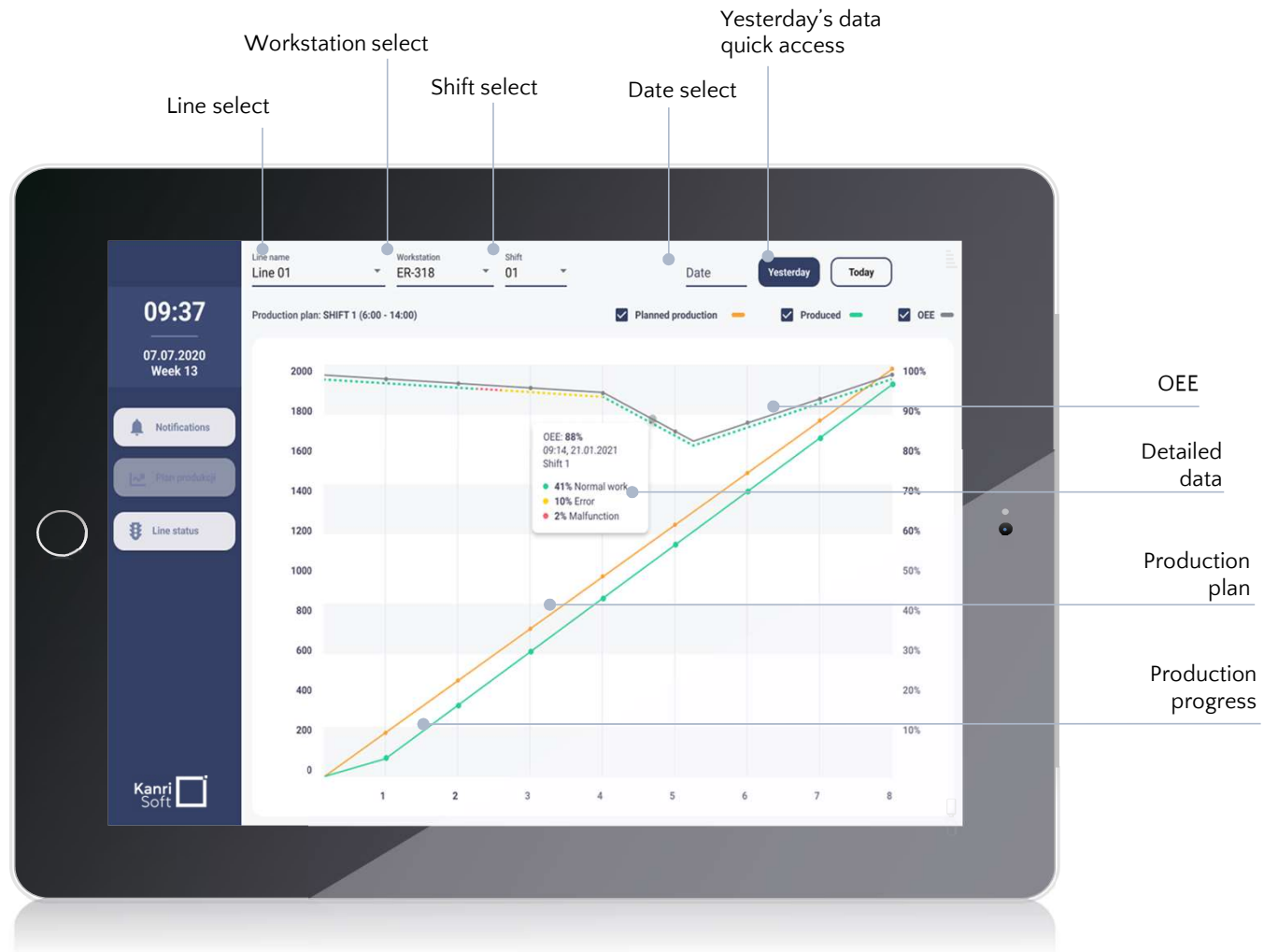
Shopfloor level 1 board

Production progress

Production plan backlog

Shortage live pareto

Safety report
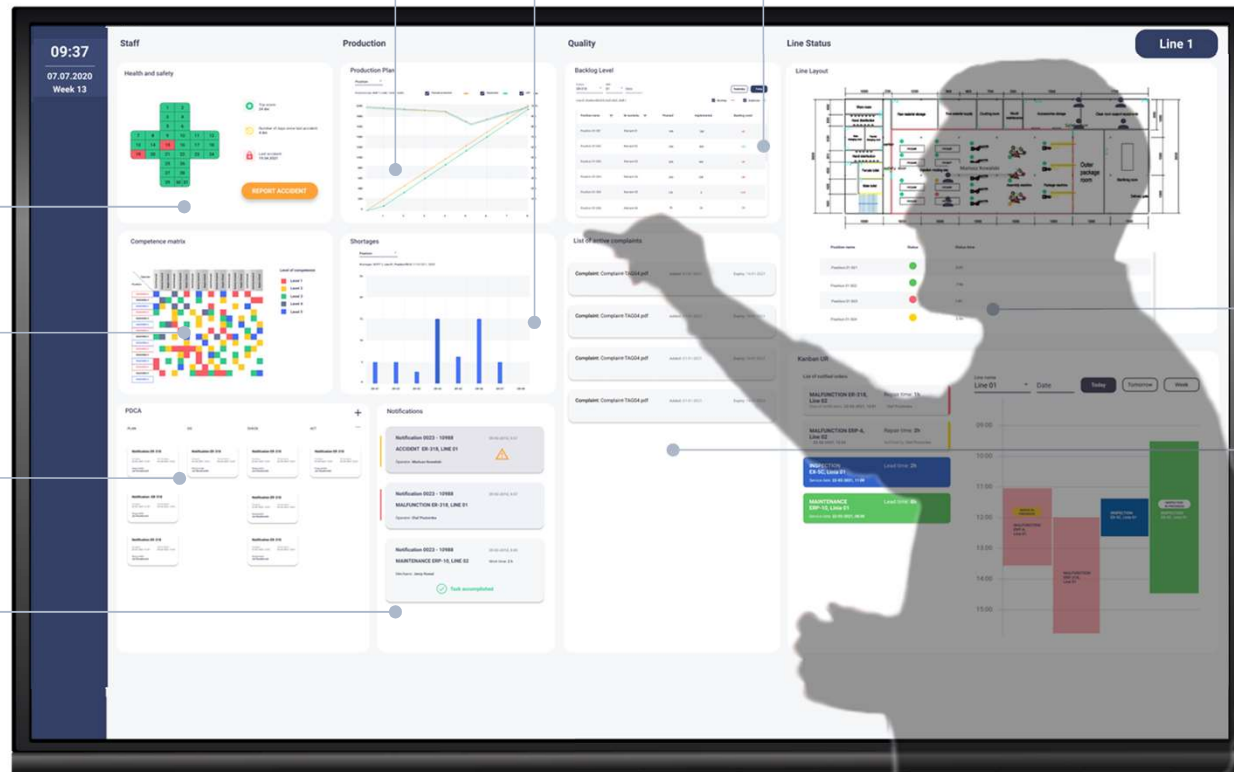
Competence matrix

PDCA projects management

Notifications

Production line status

Current customer complaint
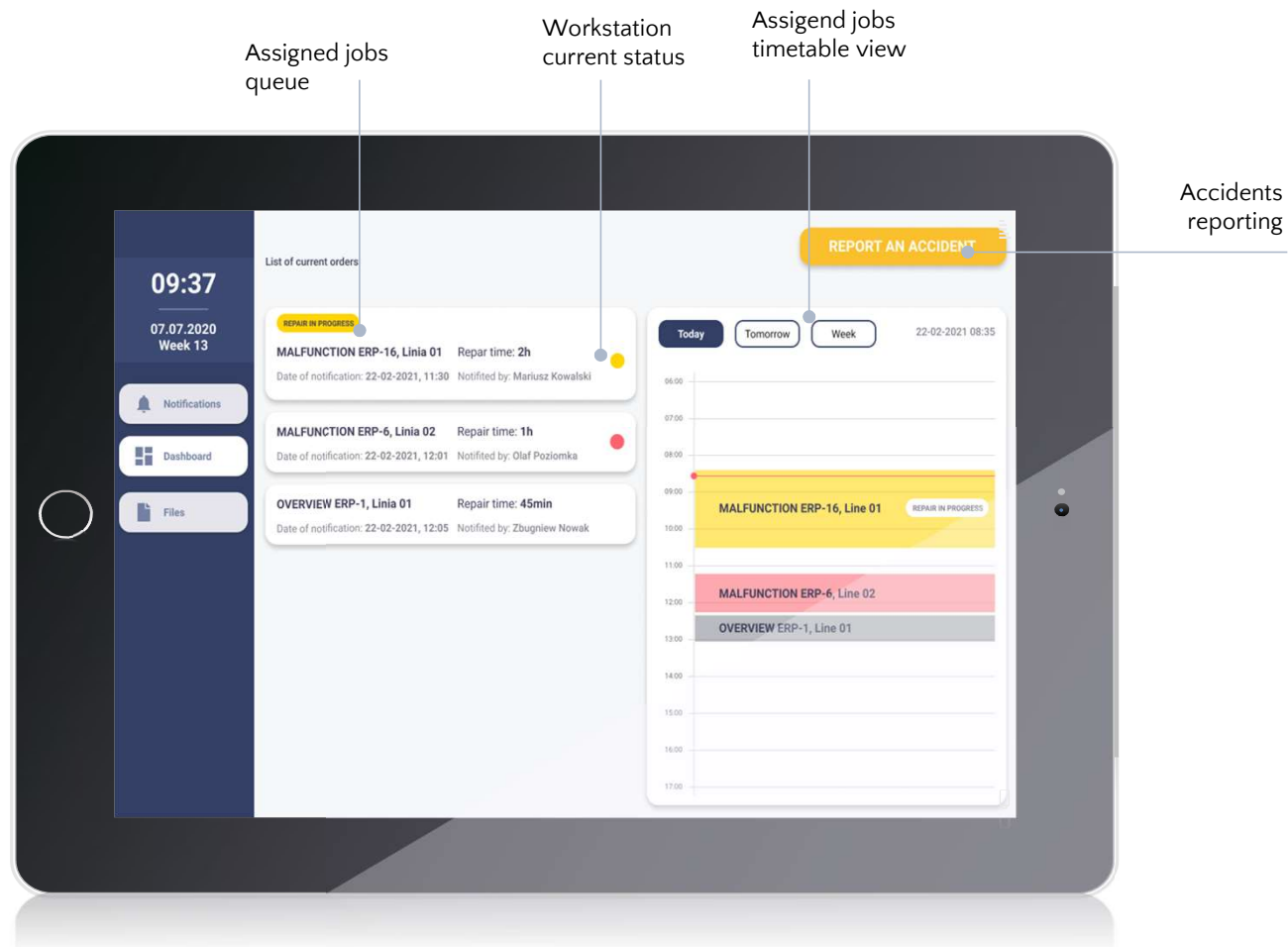
Maintenance board

Division's KPI's (total repair time, total downtime etc.)

Current malfunctions queue

Planned serivces and improvements

PDCA projects management

Safety report

Interactive factory layout (current requests and mechanic's position visualised)

Production line status

Competence matrix

Mechanic's job assignement kanban

Notifications
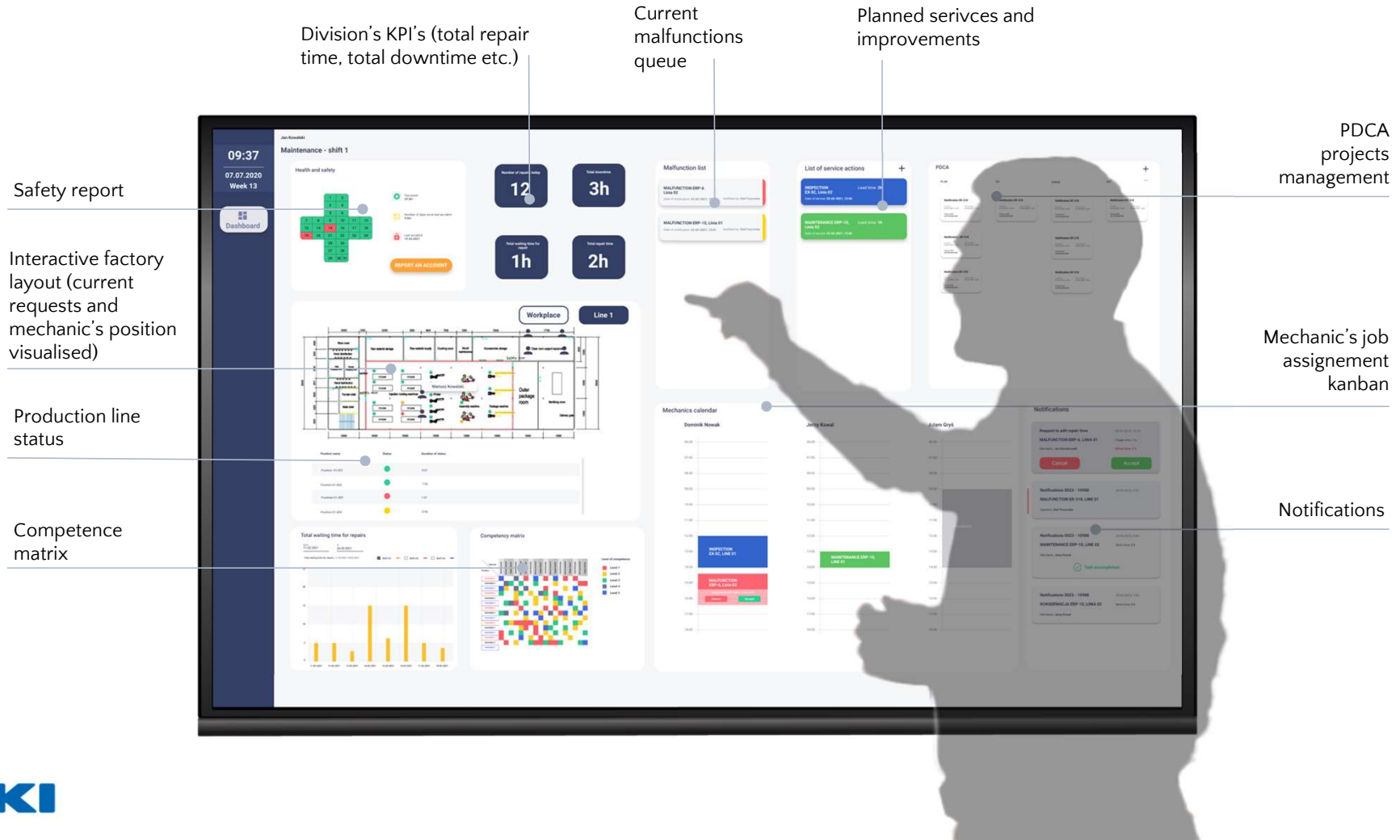
Mechanic's tablet: jobs dashboard

Assigned jobs queue

Workstation current status

Assigend jobs timetable view

Accidents reporting

Mechanic's tablet: job details

Repair timer start

Repair failure reporting

Repair success reporting

Repair reschedule request

Jobs history access

Repair details

Workstation documentation access

KanriSoft

Benefits

Benefits

SAVINGS	QUALITY	SAFETY
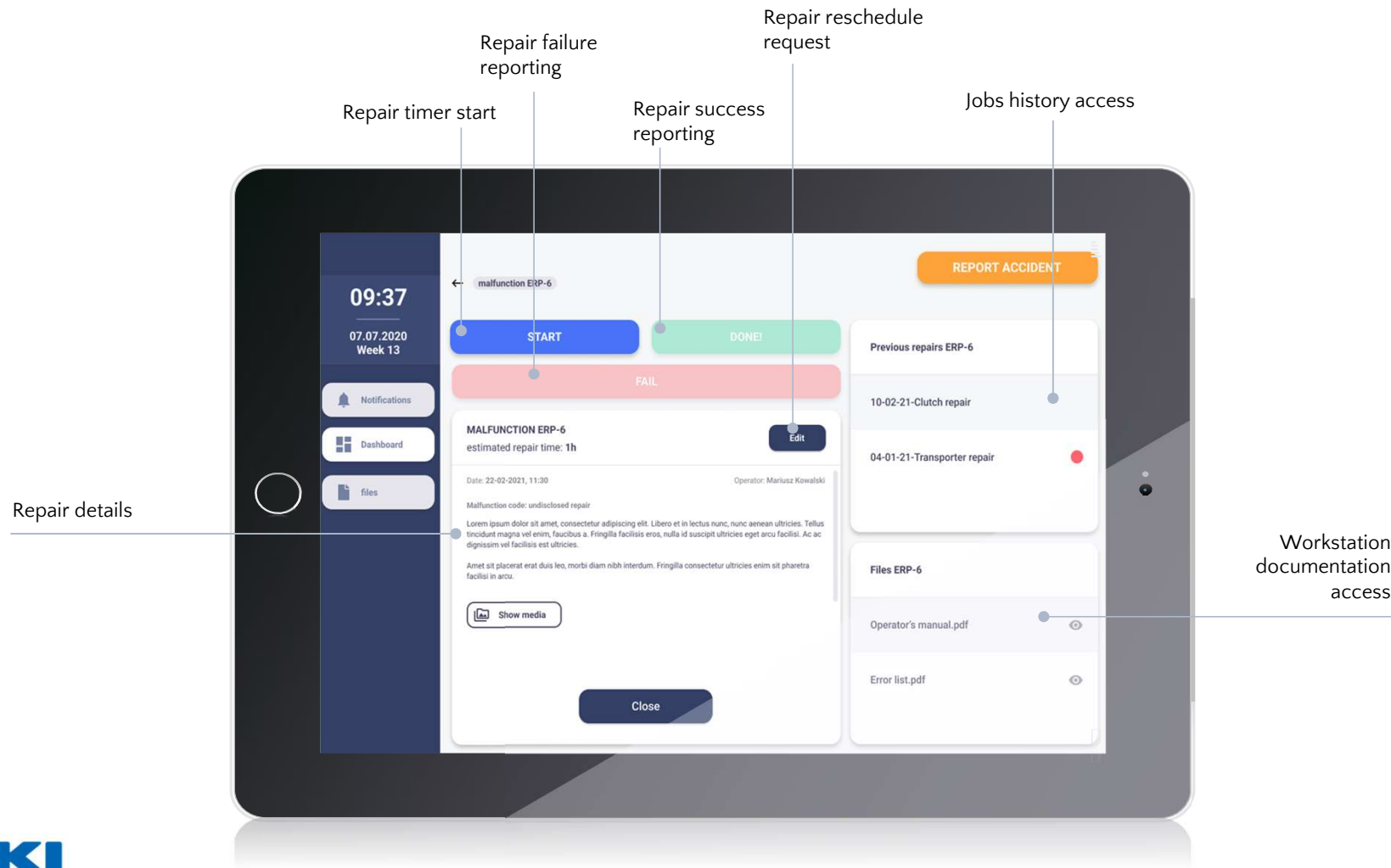
SAVINGS

- **Eliminated** the need for **manual data collection**
- **Eliminated** the need to **search for a supervisor/mechanic**
- Management **data available in real time**
- **Increased productivity** through better supervision and line balancing
- Recovered employee **time spent on more productive activities**
- **Objectified measurement** of resource utilisation (e.g.: OEE)

QUALITY

- **Information of shortages** available in real time
- **Ability to react instantly** when deviation occurs
- **Quality alerts** Information on client's complaints and important announcements, delivered directly to operator's panels
- **Ability to automatically stop production** in case of detecting an excessive number of shortages
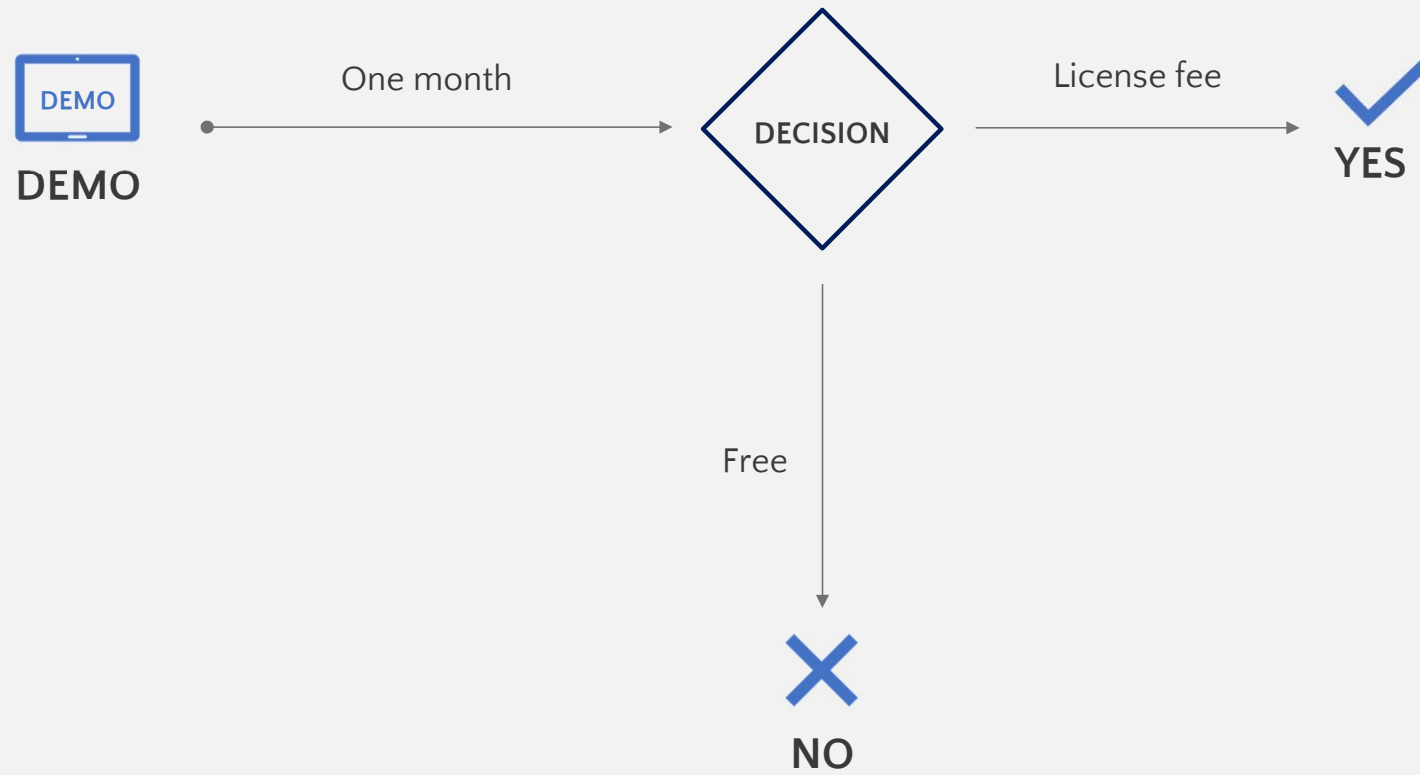- **Scrap rate reduction** Obniżenie scrap rate (za ROI)

SAFETY

- Accidents may be **reported from any location**
- **Automatic notification** and supervisors calling **in case of an accident**
- **Ability to react faster to notifications** (alerts visible in many places of the system at the same time, SMS alerts, etc.)

How do we start?

Trial version

Steps to implement KanriSoft

STEP 1

FEASIBILITY STUDY
Prepare a complete list of workstations that should be covered by KanriSoft including machine models, control box and motors.

STEP 2

PROCESSES DESCRIPTION
Prepare a description (i.e: flow chart, VSM. makigami etc.) of processes you want to measure with KanriSoft

STEP 3

DEMO MEETING
Personal meeting face to face during which live demo of KanriSoft is presented as well as detailed offer

STEP 4

BEGINNING OF TRIAL PERIOD
If all necessary information is collected, precise dates of implementation and trial period can be agreed.

1   @daniel.nowak@juki.com @bartek.dubelski@juki.com rzućcie proszę okiem czy ok, jak dla mnie to dość dziwna kolejność, ale oczywiście zostawiam Wam
Grzegorz Golaś, 12/12/2022

1   Hej, tak jak patrze wasza stara prezke to tez pod LEAR usunelismy pierwsz 5 slajdow, tutaj one powinny wrocic mysle
Daniel Nowak, 12/12/2022

Thank you for your attention

Daniel NOWAK

Deputy General Manager
Spare Parts Sales
T: +48 22 545 0447
M: +48 883 36 45 40
daniel.nowak@juki.com

www.jukieurope.com

JUKI