

SwipeGuide.

visual user guides





80% of instructions are ineffective.

Section 3

Maintenance & Troubleshooting - Vertical Shaft

WARNING:	High Voltage may be present even when the machine is not rotating. Ensure that power has been disconnected before touching the motor or any of its components. Electrical shock can cause serious or fatal injury.
WARNING:	Surface temperatures of motor enclosures may reach temperatures which can cause discomfort or injury to personnel accidentally coming into contact with hot surfaces. When installing, protection should be provided by the user to protect against accidental contact with hot surfaces. Failure to observe this precaution could result in bodily injury.
WARNING:	Pacemaker danger – Magnetic and electromagnetic fields in the vicinity of current carrying conductors and permanent magnet motors can result in a serious health hazard to persons with cardiac pacemakers, metal implants, and hearing aids. To avoid risk, stay away from the area surrounding a permanent magnet motor.
WARNING:	Solvents can be toxic and/or flammable. Follow manufacturer's safety procedures and directions. Failure to observe this precaution could result in bodily injury.
Caution:	Do not use solvents containing trichloroethane to clean interior or exterior of motor. Damage may occur to paint and insulation systems.

Maintenance General

Prior to maintenance, the motor should be removed from service. The motor should be inspected periodically for the build up of foreign material. Any build up of foreign material should be removed prior to energizing the motor. If unusual bearing noise or vibration is experienced, the bearings should be replaced. Inspections which are important to the proper motor operation and maintenance. Maintenance should be performed every 3 months or 500 operating hours, whichever comes first. In addition, the following should always be observed.

Provide adequate ventilation

Avoid sharp blows and excessive axial thrust loads on the output shaft.

Maintain proper lubricant level.

When properly applied, 6200 Frame motors require minimal routine maintenance. Since clearances and fits are precisely machined, no periodic mechanical adjustments are required. Like any precision machine, periodic inspection and simple routine maintenance will prolong your motor's life and help detect potentially damaging conditions. The minimal time spent performing simple maintenance cannot begin to compare with the cost of lost productivity and time consuming major repairs incurred through neglect or routine inspection and maintenance.

Periodic Maintenance

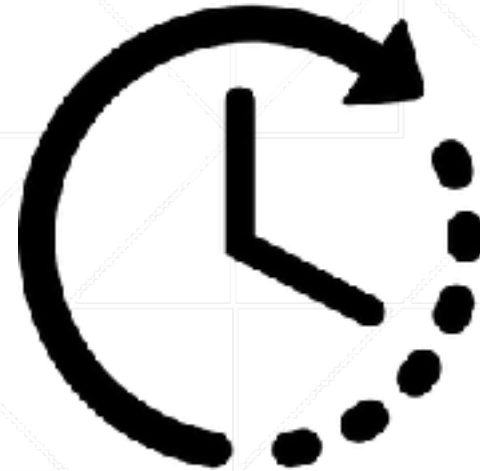
Every 3 months or 500 operating hours, whichever comes first:

1. Lubricate bearings and check motor temperature.

- ▶ Never available when you need them.
- ▶ Difficult to understand.
- ▶ Not designed for easy use in the workplace.
- ▶ Complicated to make, maintain, and distribute.
- ▶ Impossible to track.
- ▶ Never up-to-date with the latest insights.

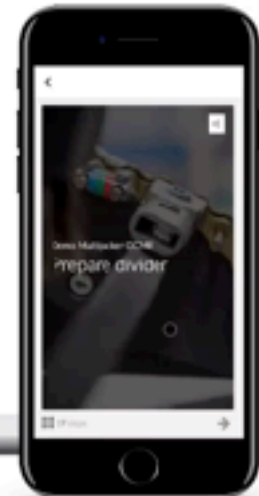
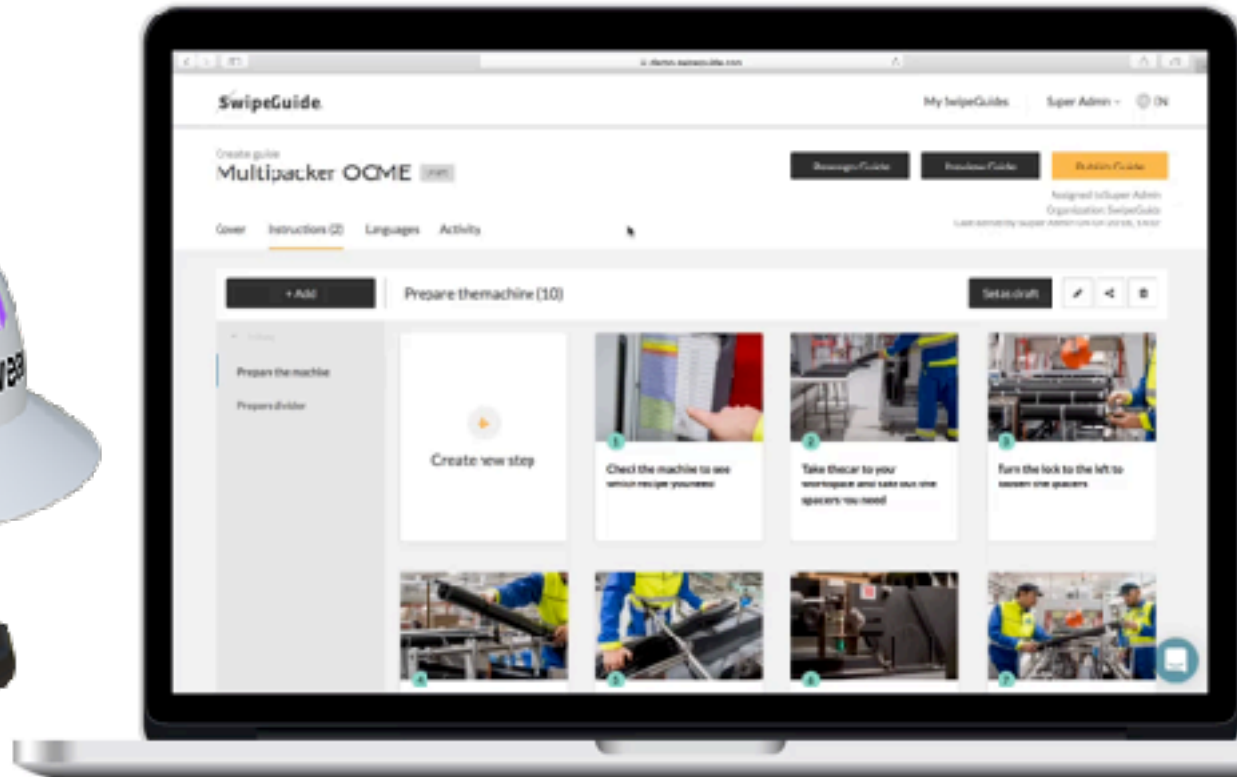
In a world where time is money.

20% of operational
downtime is related to
bad instructions.





The next generation instruction software.





THE OCEAN
CLEANUP

[2019]

 **HEINEKEN**

[2018]

somfy

[2017]

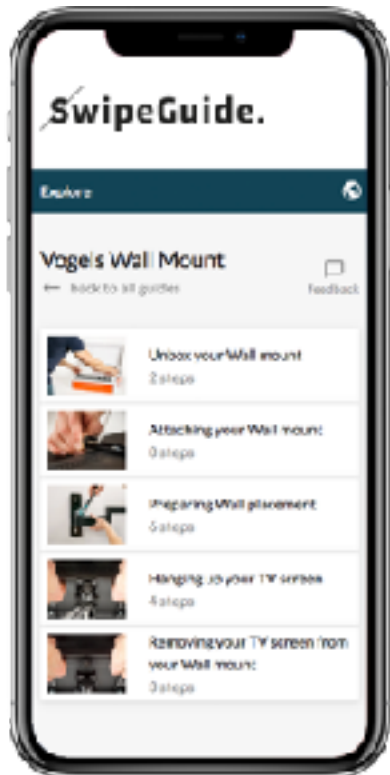
Quby

[2016]

... and many more.



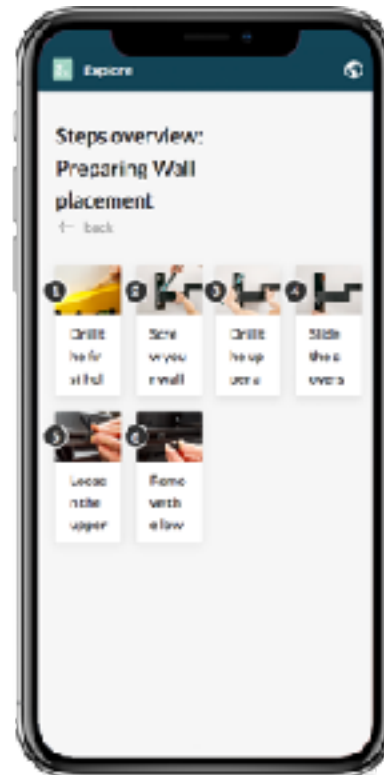
The right instruction



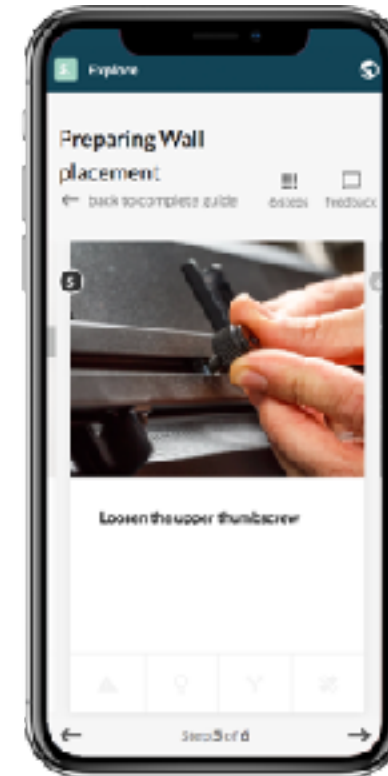
Instantly available



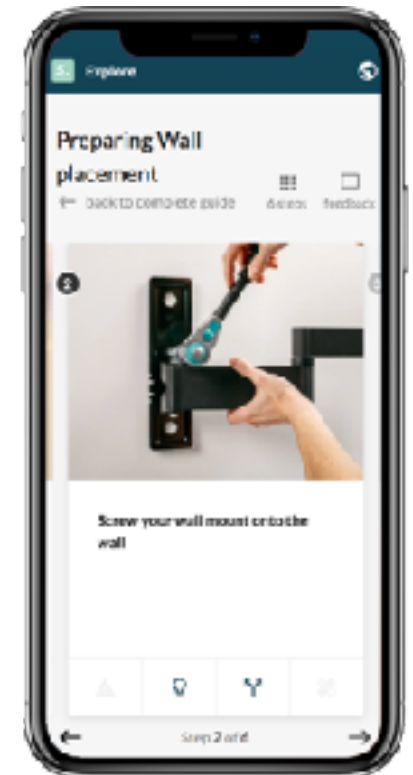
Step-by-step



Primarily Visual

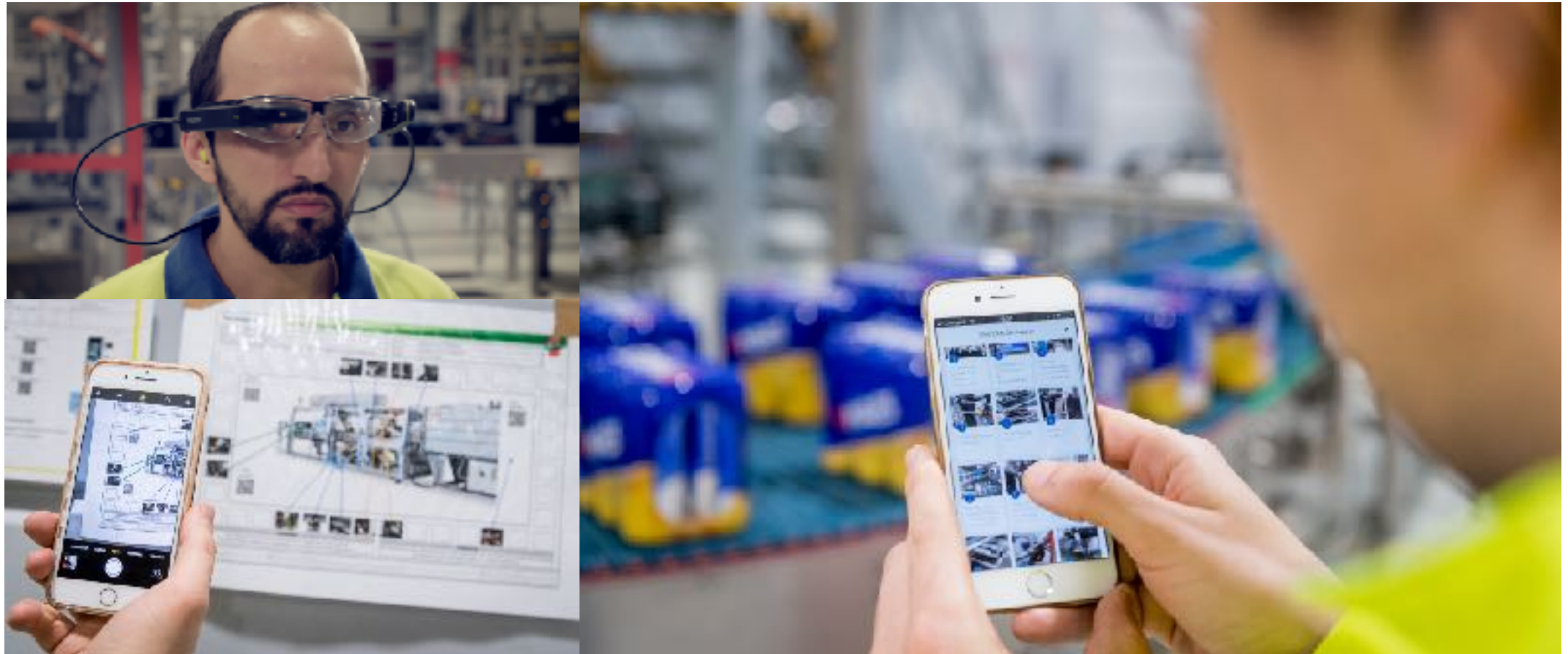


Measurable effect



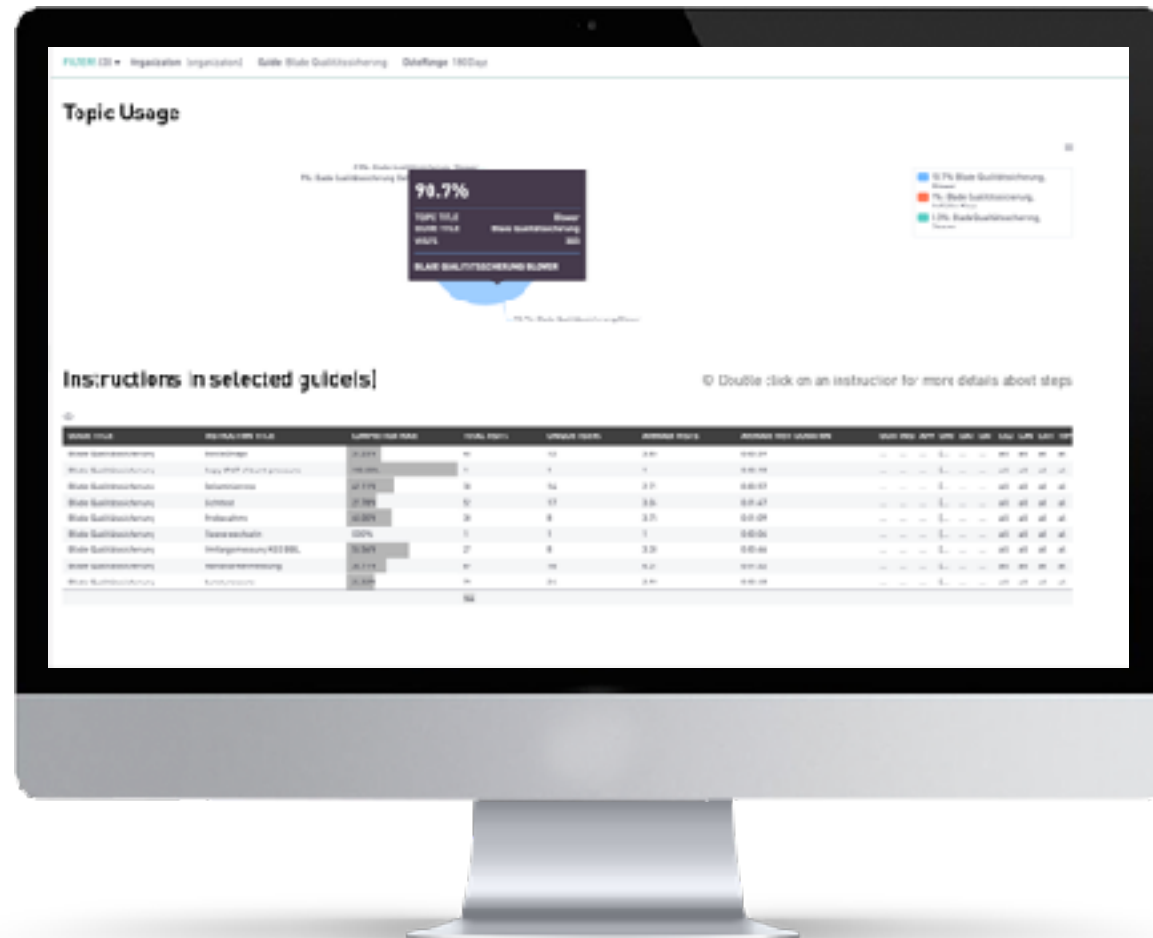


Use on any device.





With real-time insights for process improvement.



Improvement loop

Time tracking

+

Completion ratio's

+

Instruction scoring



Proven to be effective.

60% reduction in
instruction authoring
time.



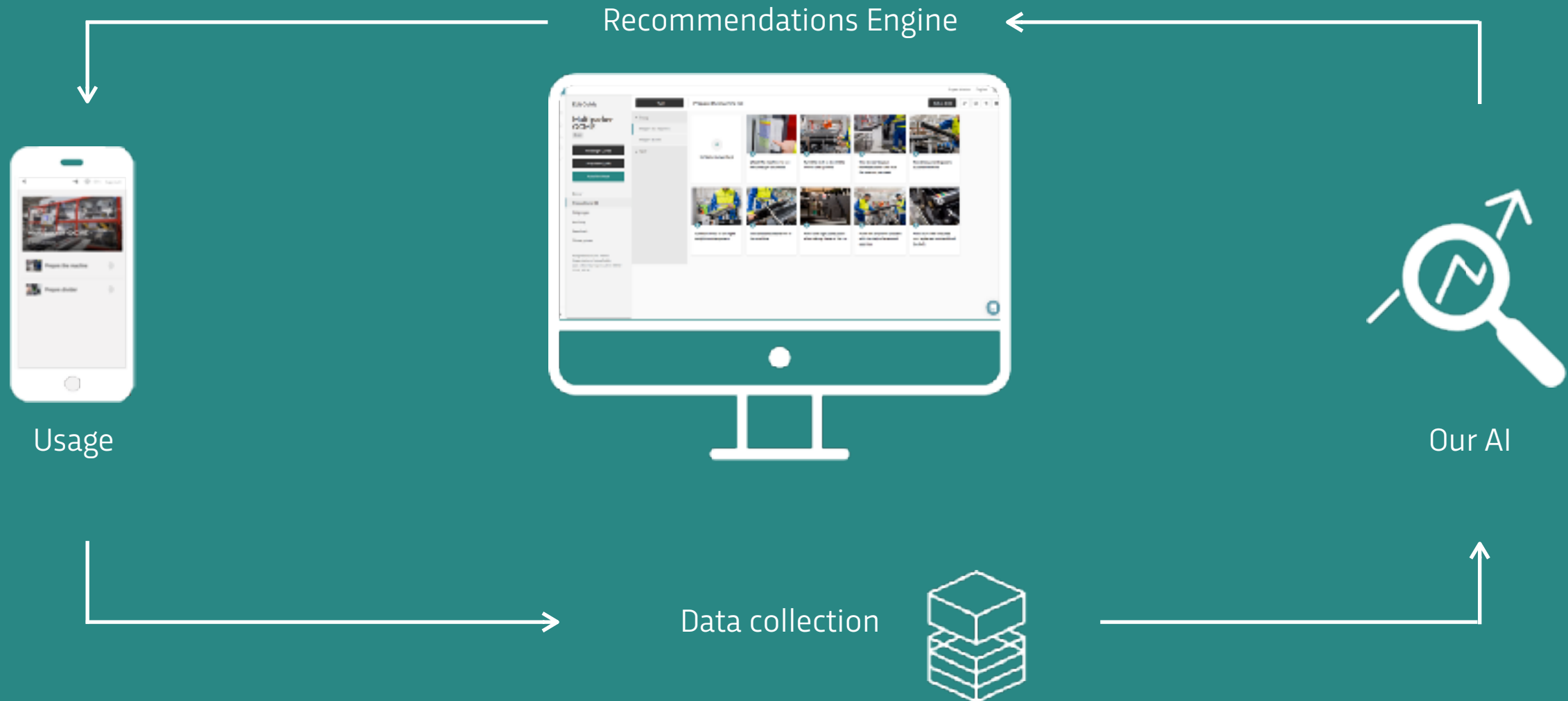
5% increase in
“first-time right” error
resolution



33% reduction in
machine changeover
time.

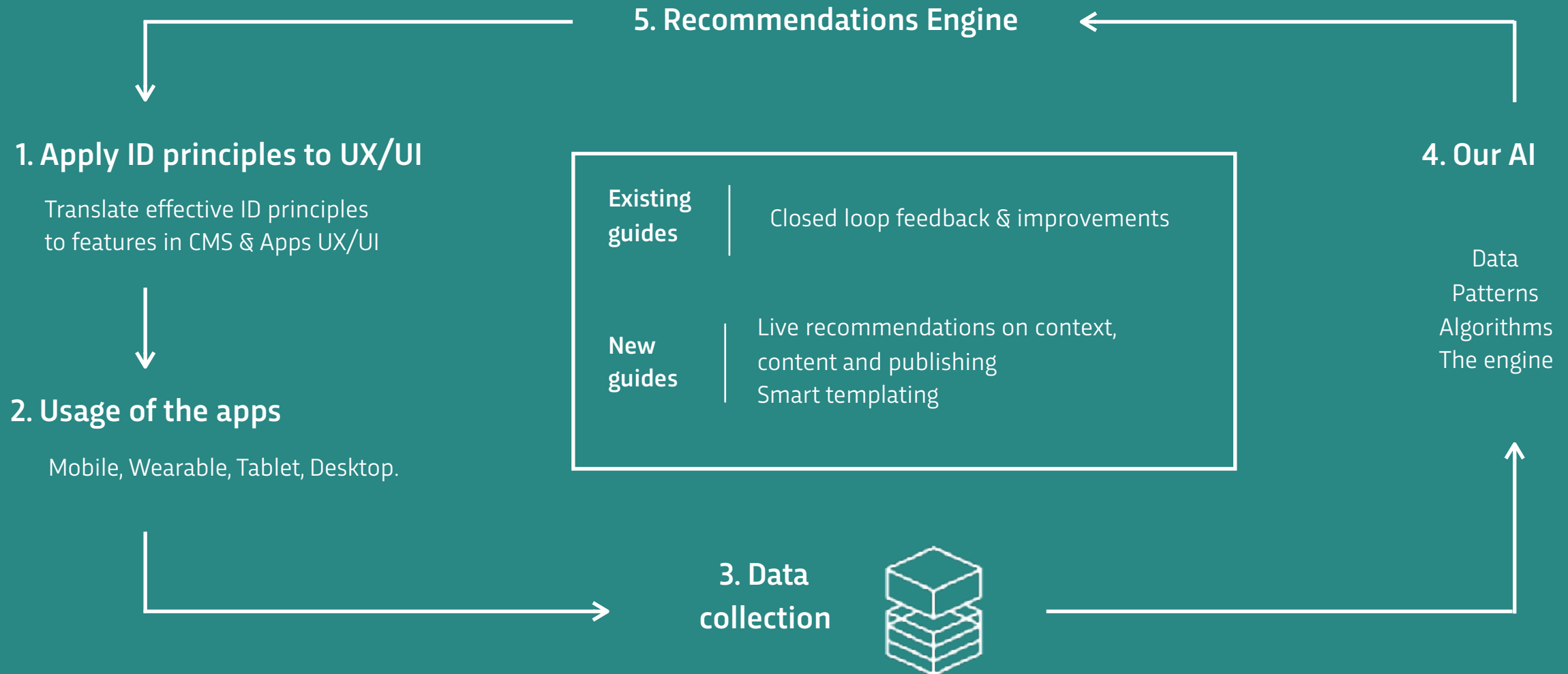


We make traditional training & knowledge sharing obsolete.



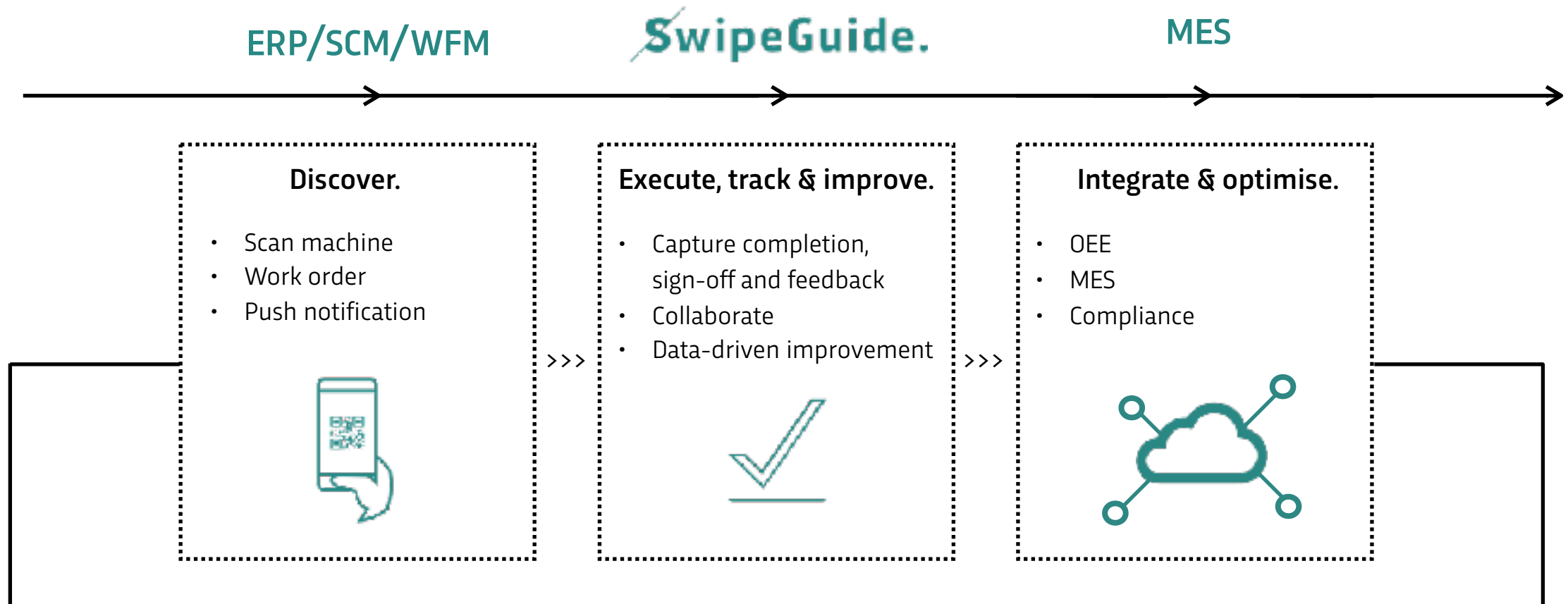


Improve process & product design.





Future-proof solution in the I4.0 tech stack.





Content migration makes the transition to SwipeGuide effortless.

Day: _____

1.

Customer provides
SwipeGuide with example
files of the existing content

>>>

2.

SwipeGuide
investigates the import
options via the adapter

>>>

3.

Existing content is
transformed into XML
or JSON format.

>>>

4.

Content migration is
tested and refined

>>>

5.

SwipeGuide platform
populated with existing
content + enriched.



>>>



>>>





Application areas.

1.

Digital work instructions for production & manufacturing

2.

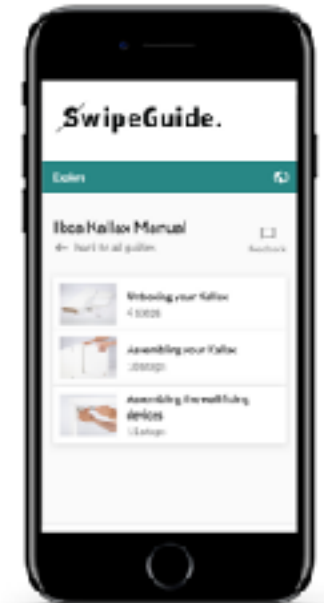
Digital work instructions for your field service engineers

3.

Digital work instructions for your professional customers and their user group

4.

Digital user guides for your customer in the consumer space



Identify the relevant moments of instruction need.



Assembly.

Make sure the user is prepared for first use.



Commencement.

Make sure the user has a great first experience.



Operating.

Access and use the right instruction at the moment of need.



Troubleshooting.

How to solve common issues the operations.



Maintenance.

Service, cleaning, and maintenance.

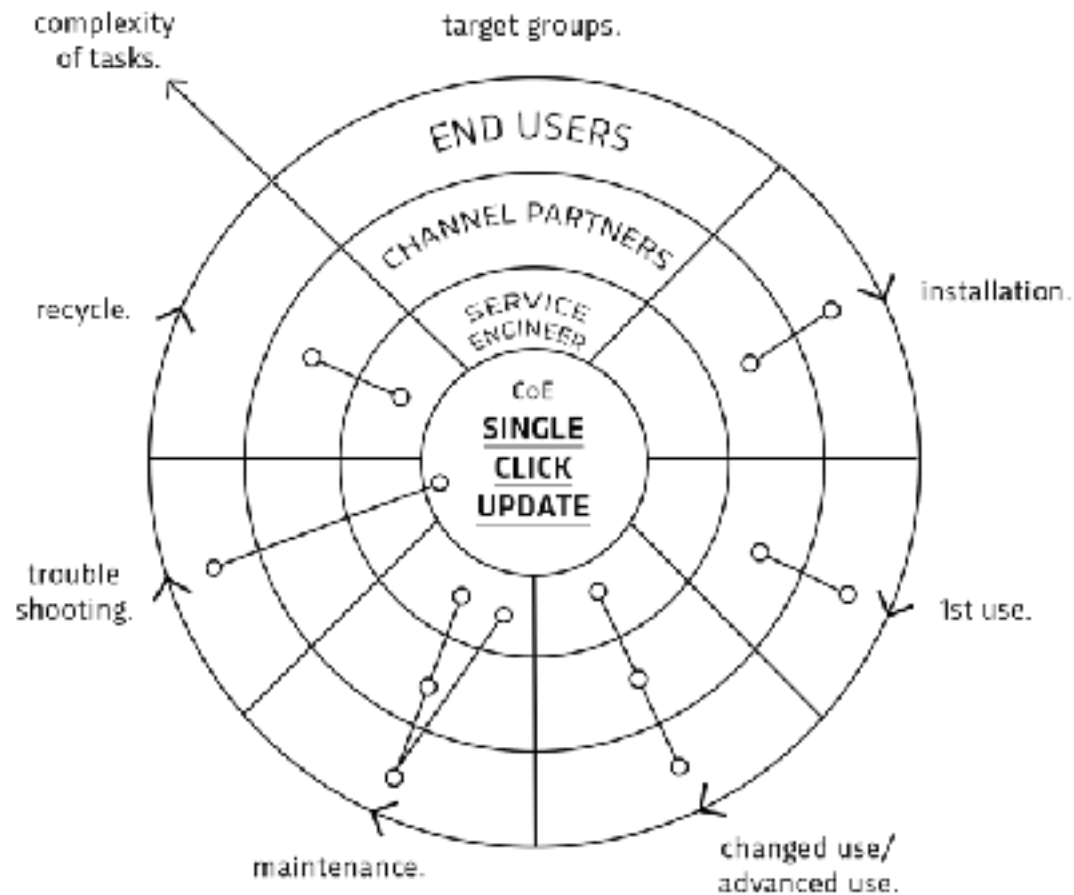


Recycle.

End-of-life plan for products and machinery.



Improve bottomline results. Less downtime, better service.



Single click updates.

- Multi site
- Multi target group
- Multi apps
- Multi lingual

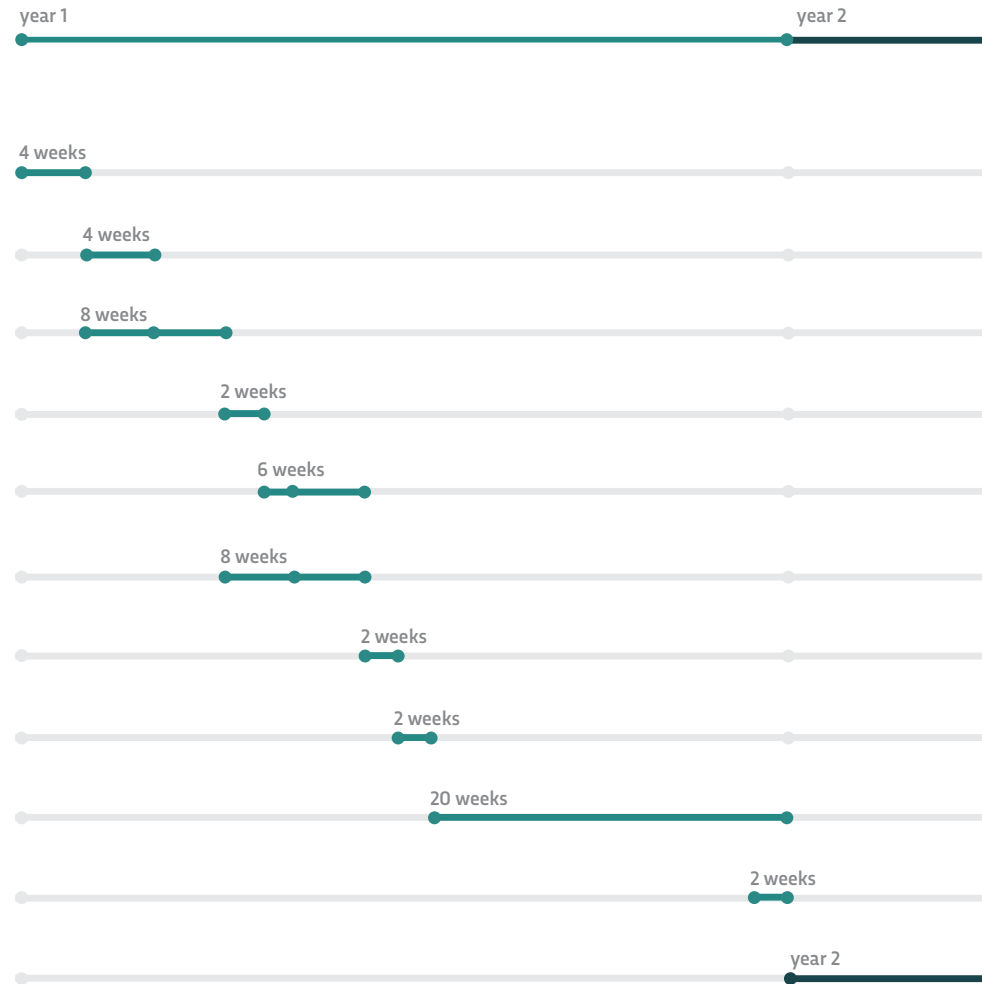
with

- Remote support
- Custom integrations
- Tracking +
- Improvement recommendations



Validate with a proof-of-value approach.

1. Use-case Design.
2. Instruction Redesign.
3. URS.
4. Discoverability Design.
5. User Testing + Tracking.
6. Prep Initial Roll Out.
7. Evaluate POV.
8. Go/No Go Decision.
9. Roll Out Phase 1.
10. Design Solution Scaling.
11. Scale Across Business Units/Locations.



Total price:
€20-35k



Meet the Swipees.

- Mission: spare resources for better use.
- Based in Amsterdam, The Netherlands.
- Team: 24 Swipees with 14 nationalities.





~~S~~wipeGuide.

Effortless instructions. Outsmarting work.

Hall 13, Stand D22/1