



Boost frontline worker
productivity with a
connected worker
platform

www.zaptic.com



Who are we

The most intuitive connected worker platform

Focused on directed actions to improve asset centric operations

Driving operational excellence with contextual data about who did the work, where, when, and how



Zaptic difference

1. Fastest to adopt and adapt
 - Process complexity managed simply
1. Best practice for ManEx acceleration
 - Digitised consistency to daily work
1. Envision "Waze" for factory workers
 - Single pane of glass for directed actions

Manufacturing performance is driven by people

But the information factory workers need exists in so many different places



Reliance on paper, spreadsheets and tribal knowledge for execution =

- Slow onboarding
- Inconsistent execution
- Duplicate work
- Poor data
- Knowledge loss
- Skill gaps

In other words..

Performance is driven with paper maps not satellite navigation

The result ? Most factories are:

- 30-40% off peak efficiency
- Failing to deliver ROI on digital and lean transformation
- Unable to attract, onboard and upskill staff at the speed required to remain competitive.

Manufacturing performance is still driven by people

The workforce is your strongest, and weakest, link.

'Man and method' error is the cause of:



At the same time, 71 percent of the value created for manufacturers comes from human knowledge and action, and 72% of factory tasks are performed by humans.

The information factory teams need to do their work exists in **so many different places**

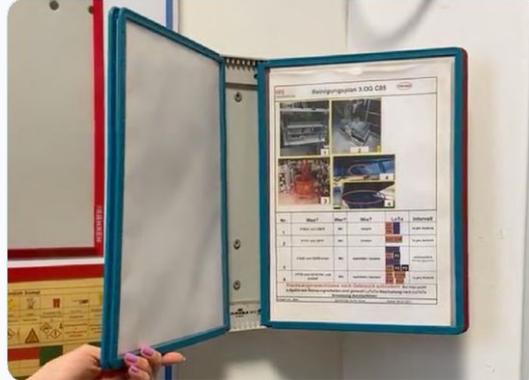


Workforce support tools at Industry 4.0 lighthouse site:



Training

Costly, slow, easy to forget and outdated



Execution & Problem Solving

Hard to find, inconsistent, difficult to share and track

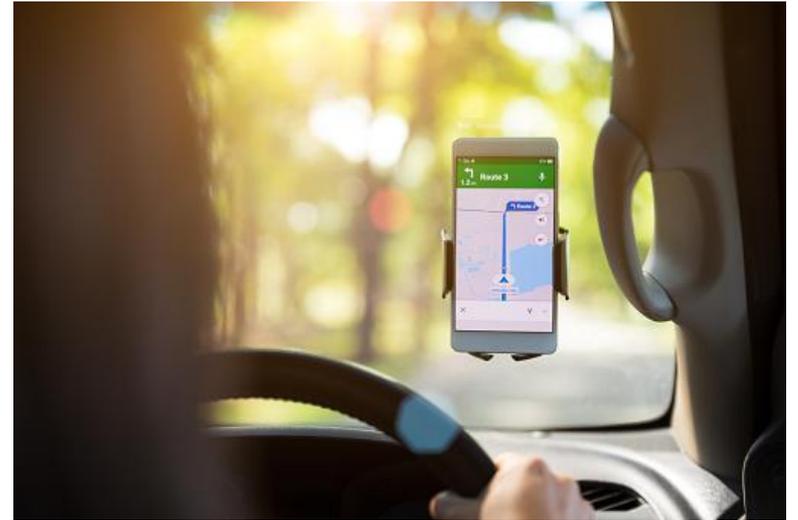


Analysis

Manual, duplicate data entry.
Incomplete and slow

Typical factory is 30-40% of peak efficiency, struggling to digitise and held back by staff & skill gaps

The workforce is given paper maps to drive performance, **not sat navigation!**



In a context of increasing workforce instability and skills gaps, challenged by increasing operational complexity

Zaptic connects & directs workers

What to do, when to do it, how to do it.

- ✔ Guided workflow for operators to do jobs effectively, safely, efficiently.
- ✔ Visibility and analytics drives better decision making
- ✔ Capture and share best practices to drive continuous improvement

 No code workflows

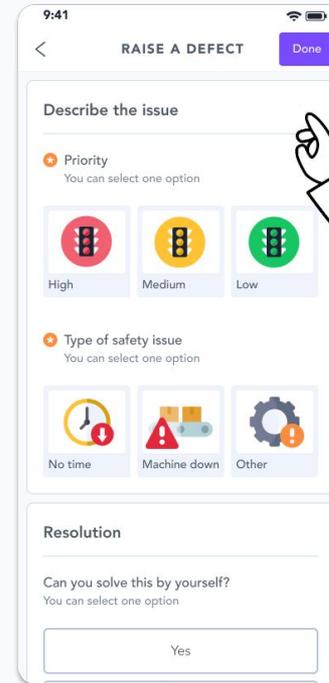
 Knowledge management

 Task management and compliance

 Skill management

 Issue management

 Integrations



9:41

< RAISE A DEFECT Done

Describe the issue

Priority
You can select one option

High Medium Low

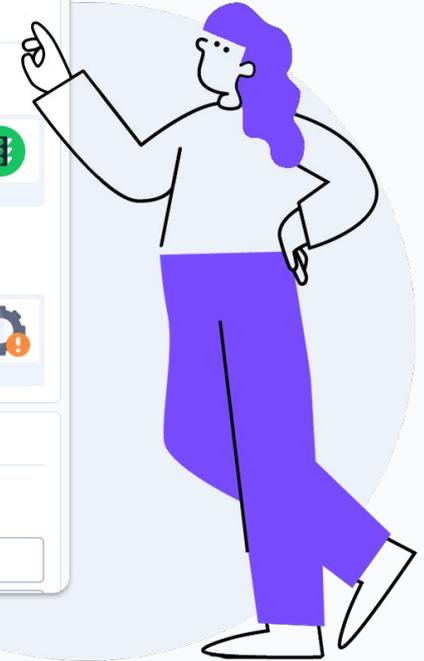
Type of safety issue
You can select one option

No time Machine down Other

Resolution

Can you solve this by yourself?
You can select one option

Yes



Connected Worker Capability

Zaptic Difference

Organisational Maturity

Enabled:

- To digitally execute standard work, access information, capture and share insight
- E.g. Guided workflow; SOPs, Checklists; Escalations

Fastest to adopt and adapt

Crawl:

- Prevent TPM overwhelm
- Connect to secure work process adoption
- Non standard platforms

Aligned

- To company goals, integrated with core systems, and empowered to contribute to continuous improvement:
- E.g. DMS / DDS

Best practice for ManEx

Walk:

- Scale ManEx
- Connect and direct based on real time data
- Standard platforms and global data

Augmented:

- Directed Next Best Actions based on multiple data sources
- E.g. Stoppage, breakdown, line speed, & labour utilisation corrective action

Waze for factory workers

Run:

- Sustain Manex to next level of results
- Best practices shared across network
- Machine Human augmentation

Accelerating transformation results with a connected workforce



Productivity & Agility

Remove bottlenecks caused by information and knowledge gaps for existing and new processes



World Class Manufacturing Journey

Connect people with work processes to accelerate and scale manufacturing excellence



Digital Transformation

Accelerate digitisation without expensive changes to equipment and processes



People

Attract, develop and retain your future workforce with a modern, digital experience



Compliance

Make safety, sustainability and quality easier with the right information at the right time.

40% Acceleration of global TPM adoption

30% Faster to onboard new employees

20% Stoppage reduction

Where We Play

- Accelerating transformation programs for global organisations (WCM, TPM, Lean and smart factory)
- Closing the loop on the last information mile
- Paperless daily management systems which drive measurable improvement in safety, quality and productivity.

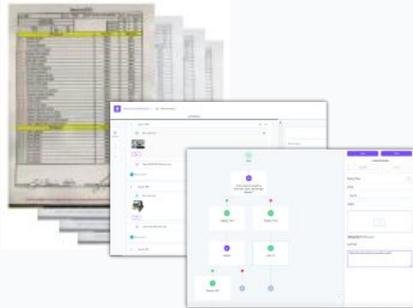


How it works:

Digitise, measure and transform frontline work

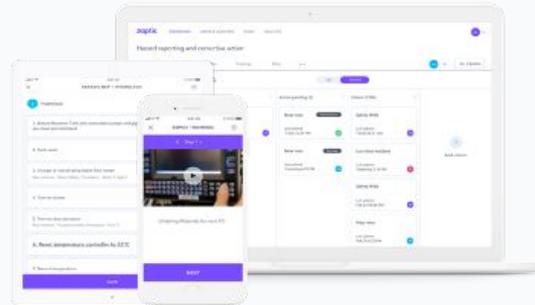
1 Digitise factory workflows

- No code workflow authoring
- Asset hierarchies & integrations
- Manage and publish standards



2 Execute, learn, problem solve

- Paperless data capture & work instruction
- Issue escalation and action tracking
- Communication & knowledge

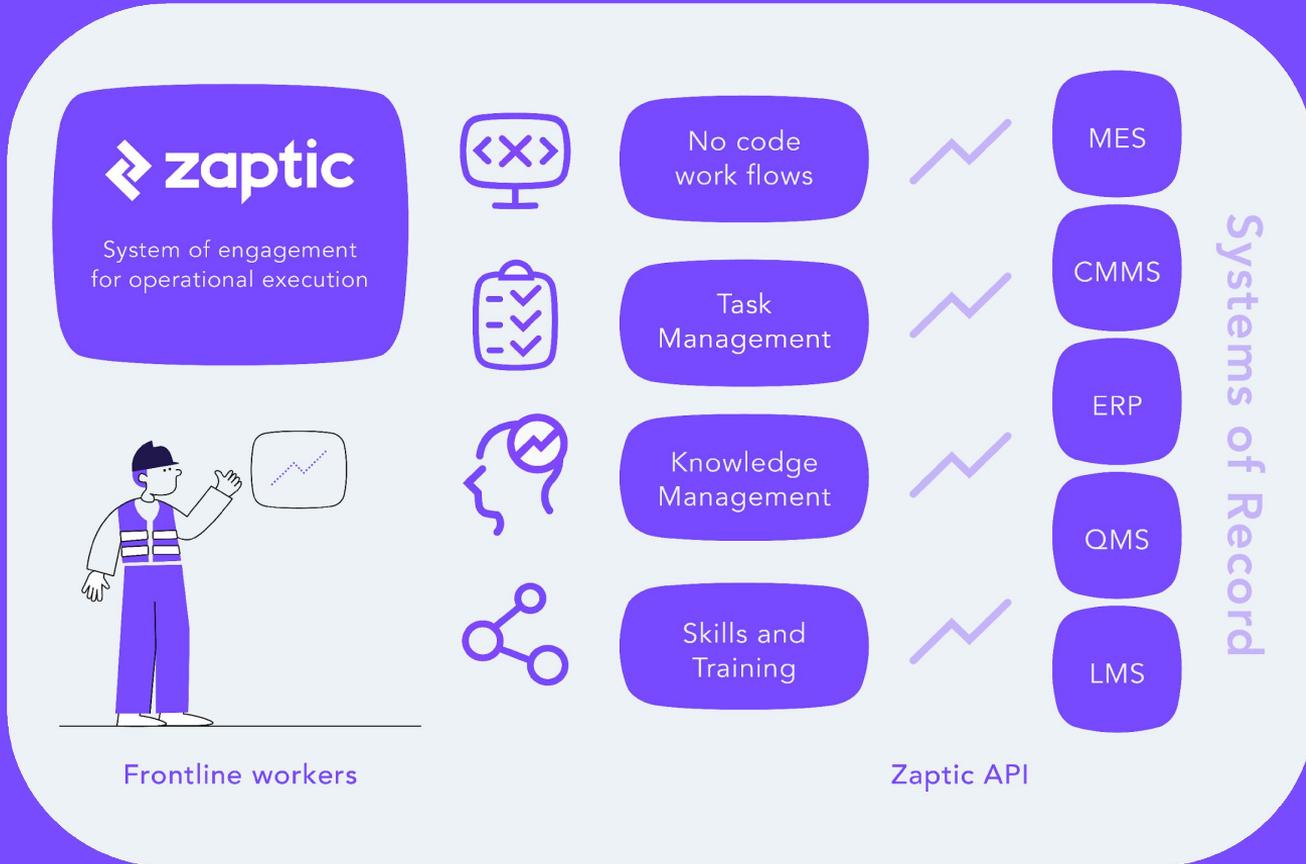


3 Measure & transform

- Persona focused dashboards
- Multi-site reporting and sharing
- Upskill with recommendation engines



Integrate to drive action from multiple data sources

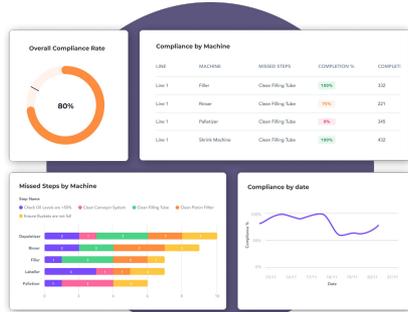


Measurable Business Results for our Customers

Benefit Area	Process	Results
Plant Performance Improvements	<ul style="list-style-type: none">• Safety• Quality• Efficiency	<ul style="list-style-type: none">• 2x faster hazard and defect closure.• Avg 35% compliance improvements• 1-11% OEE improvement
Overall Labour Effectiveness	<ul style="list-style-type: none">• Time / cost savings• Capacity enhancements	<ul style="list-style-type: none">• 20% reduction in training costs• 250 hrs saved per site per week• 30% productivity improvement
Enterprise Impact	<ul style="list-style-type: none">• Lean Transformation• Capability building• Digital transformation	<ul style="list-style-type: none">• 30% faster to onboard new employees• 3x faster TPM roll out• 7 figure savings on shop floor digitisation

Connected Worker integrates and augments with HMI / SCADA

1 Shift productivity / handover board



Fully digital shift handover meetings on Safety, Quality, Efficiency including task management / action plan and meeting organisation

- Efficiency requires OEE, Top downtimes, Top alarms data out of a [HMI/SCADA/MES](#)

2 Work order execution



Trigger via QR code or API

Execution of work orders by time interval or event for

- Line changeover for new batch (trigger by [MES](#))
- Quality sample collection (trigger by [SCADA](#))
- Production stop error diagnosis work task (trigger by [SCADA](#) on alarms)
- Maintenance check task (trigger by EAM / [analytics](#))

3 Machine centerlining



Guidance for machine parameter adaption

- Based on selected Recipe in [HMI](#)
- Work Instructions provided to operator how to centerline
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Accelerating industrial transformations
with connected workers

Thank you!