ASSISTED REALITY INSTRUCTIONS AND INSPECTIONS

Our digital execution platform for work instructions and inspections empowers operators and inspectors with easy step-by-step guidance on mobile devices and smart glasses, significantly improving quality and productivity, assuring compliance, and driving continuous improvement, while dramatically reducing on-the-job training time.

Main Features

Easy and agile content management: step-by-step procedures can be developed and managed in a user-friendly and agile way.

Compliant and traceable: allows for workflow creation, authorization, planning, and execution monitoring.

Action management: allows for sending to-do's to other individuals while executing a procedure.

Real-time analytics: data collected through automated time-stamping of completed steps enables focused process improvement.

Scalable: SaaS-based or on-premise, scale up from a few users to dozens or even hundreds of users in a matter of hours.

Standard integration API: import work orders and information from other systems, such as ERP, MES, QMS, WMS, CMMS, LIMS, etc.

Leveraging state-of-the-art smart eyewear: task execution with all kinds of display formats and devices, including Windows work stations (PCs), iOS and Android phones and tablets, and different types of smart glasses.

Use Cases

Work Instructions (assembly, fabrication, masking, batching, etc.)	Quality Inspections	Setups & Changeovers (SMED)
Operator Training	Equipment & Process Inspections	Safety Procedures (e.g. lock-out/tag-out)
Preventive Maintenance	Picking & Kitting	Remote Assistance

Benefits

- **First-time-right:** reduce cost of mistakes, incl. rework, scrap, and warranty cost.

- **Lean enablement**: support standardized work, SMED, layered process audits, e-Andon, e-Kanban, continuous improvement feedback, etc.

- **Effective on-the-job training:** reduce training time and cost, while improving performance.

- **Continuous improvement**: based on feedback-loops, easy documentation, and analytics.

- **Compliance and traceability**: reduce risk and cost of non-compliance.

- **Empowerment**: reduce cost of internal and/or external support.

- **Paperless**: eliminate costs associated with (paper) administration.

About Gemba Systems Inc.

Gemba Systems Inc. supports manufacturing companies in the digitalization of their operations, especially focused on improving their manufacturing execution systems. We help companies navigate the complex and fast-evolving landscape of "smart manufacturing" and the Industrial Internet of Things. We offer guidance, tools, and hands-on support in the selection and implementation of those industry 4.0 technologies that will best support our clients' most critical business processes, and the people who perform them.

People

Our specialists will guide you through your operational excellence journey with the following services:

- Needs assessment and prioritization
- Digital strategy development & execution
- Cost / benefit analysis, ROI assessment, and project justification
- Functional specifications development
- System implementation, Integration, project planning and execution support
- User training and support

Processes

Gemba Systems will help you to achieve your operational excellence goals by implementing effective and efficient processes that deliver the best total return, and realize the full value of your solutions, from planning and assessment through testing, deployment, operation, and nearly continuous improvement.

Technology

Gemba Systems Inc. offers guidance, tools, and hands-on support in the selection and implementation of industry 4.0 proven or promising technologies such as augmented reality (for digital work instructions and inspections, remote technical assistance or warehousing operations), indoor asset location tracking, productivity (OEE) reporting, and advanced planning and scheduling.

For more information, please visit www.gemba.systems or contact us at alain@gemba.systems.

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