GEMBA SYSTEMS™

AUGMENTED REALITY WAREHOUSING AND LOGISTICS

Our unique warehousing solution combines augmented reality (AR), computer vision and artificial intelligence (AI) to empower warehouse workers with intuitive visual instructions on affordable smart glasses, dramatically improving training time, accuracy, productivity, and employee satisfaction.

Main Features

Overlay easy-to-grasp information for the frontline worker, improving transaction time, reducing worker fatigue, and decreasing mistakes.

State-of-the-art smart eyewear allows workers to see a virtual pick-to-light system overlaid on real-world pick locations or put wall slots.

Visual and audio cues guide the worker to locate, retrieve, scan, and fulfill each order accurately - every single time.

Constant barcode scanning with computer vision, and interpretation of context through AI deliver optimized steps to efficiently complete tasks.

All the advantages of hardware lights without the infrastructure or installation cost of traditional pick/put wall technologies.

Easy and agile work order management: any step-by-step workflow can be developed and managed in a user-friendly and agile way.

Easy integration with existing ERP and Warehouse Management Systems.

Use Cases

Receiving & Inspection	Put Away & Replenishment	Picking & Kitting
Sorting & Relocating	Pack(ag)ing & Loading	(cycle) Counting

Benefits

- **Increase pick/put rates by up to 15% or even more:** Reduce errors that happen by looking away, losing count, and losing track by equipping workers with smart glasses that provide simple and intuitive visual instructions, continuously guiding and correcting the worker.
- **80% less investment than traditional lights:** Create virtual put walls that can be moved, expanded, and adjusted on the fly to meet business needs for today, next season, and future unknowns.
- **50% less investment than traditional voice systems:** Use flexible automation with Augmented Reality to deliver immediate results for your warehouse operations.
- **Onboard new staff in 15 minutes or less:** Reduce training time and cost, while improving performance of warehouse workers, including temporary or seasonal workers.
- **From idea to full production in less than 90 days:** Quickly and significantly reinvent and retool your door-to-door order fulfillment processes, from receiving to shipping.
- **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 expert team will guide you through your digital transformation and operational excellence journey with the following services:

- Digital strategy development and execution support
- Needs assessment and opportunity prioritization
- Cost / benefit analysis, ROI assessment, and project justification
- Functional specifications development
- Vendor selection
- System implementation and integration
- User training and support
- Project planning and execution support

Processes

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

Technology

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

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

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