



# AUGMENTED REALITY WAREHOUSING & 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(aging) & 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 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](http://www.gemba.systems) or contact us at [alain@gemba.systems](mailto:alain@gemba.systems).

