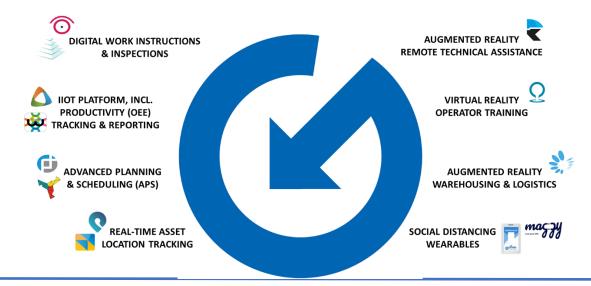# Empowering People through Smarter Technologies

To remain competitive, it is critical for companies to keep increasing productivity, ideally through step change improvements in uptime, quality, and performance. This can be achieved by connecting equipment, processes, and people via the Industrial Internet of Things (IIoT), and empowering them with advanced technology-enabled capabilities such as planning & scheduling optimization, manufacturing intelligence, location tracking, and AR/MR/VR tools to support operator training, digital work instructions, social distancing wearables remote technical assistance, and more.

Gemba Systems Inc. supports 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 solutions that will best support our clients' most critical business processes, and the people who perform them.

DIGITAL WORK INSTRUCTIONS & INSPECTIONS

IIOT PLATFORM, INCL. PRODUCTIVITY (OEE) TRACKING & REPORTING

ADVANCED PLANNING & SCHEDULING (APS)

REAL-TIME ASSET LOCATION TRACKING

AUGMENTED REALITY REMOTE TECHNICAL ASSISTANCE

VIRTUAL REALITY OPERATOR TRAINING

AUGMENTED REALITY WAREHOUSING & LOGISTICS

SOCIAL DISTANCING WEARABLES

See below for our current portfolio of solutions.

	ASSISTED REALITY INSTRUCTIONS & 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.
	MIXED REALITY PRECAST MANUFACTURING	Our powerful and easy-to-use suite of solutions for the precast and construction manufacturers facilitates information flow and communication between all parties involved, increases efficiencies, eliminates mistakes, speeds up the end-to-end processing and makes 3D information accessible and usable where it matters most.
	REAL-TIME ASSET LOCATION TRACKING	Our asset location tracking system is the only solution on the market globally that can track tools, materials, parts, WIP, equipment and people in 2D+3D space, with 4 to 12" accuracy, using battery-less tags or low-power tags (TDOA) with years of battery life, resulting in significant waste reduction while improving compliance.
	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, and productivity.
	PRODUCTIVITY (OEE) TRACKING & REPORTING	Quickly and easily connect any type of -modern or old- equipment for automated reporting on downtime, speed and quality/yield, providing real-time detailed productivity data and actionable insights to react faster, make better decisions, and drive productivity improvements.
	VIRTUAL REALITY OPERATOR TRAINING	Through our VR partners, we can help supplement your existing training methods with a safer, more engaging, and much more effective way of training your workforce, resulting in faster time-to-productivity, better performance, and higher employee satisfaction.
	AUGMENTED REALITY REMOTE ASSISTANCE	Our Remote Technical Assistance solutions connect technicians on the shop floor or in the field with remote experts, allowing them to collaborate and share information in real-time and hands-free, improving quality and productivity, without travel time or travel cost.
	ADVANCED PLANNING & SCHEDULING (APS)	Our Advanced Planning & Scheduling solution enables fast, flexible and realistic production scheduling and material requirements planning, using advanced optimization, user-friendly interface, and powerful reporting, for significantly better throughput and lead times.
	SOCIAL DISTANCING WEARABLES	Our social distancing solution allows businesses to bring their employees back to the workplace while monitoring their close-proximity interactions, and enabling easy contact tracing through a gateway or mobile apps that connects wearable badges to a cloud-based admin platform.

For more information, please visit www.gemba.systems or reach out to
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