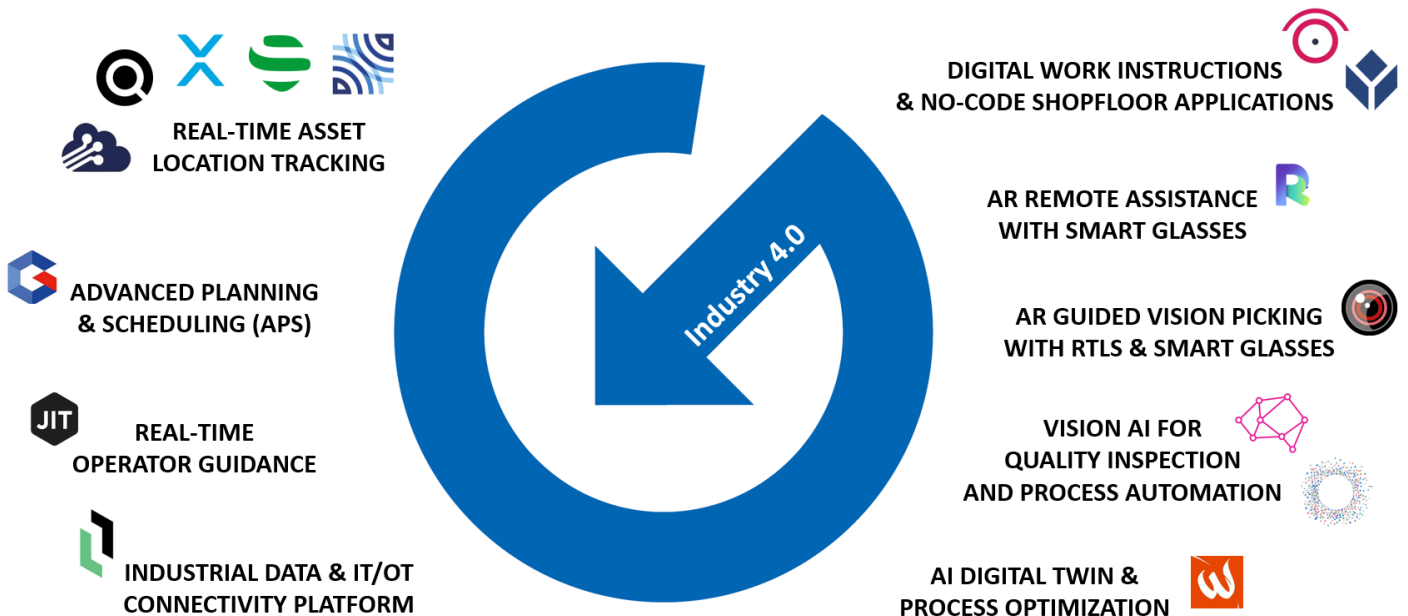


# Empowering People with Smarter Technologies

To remain competitive and profitable, it is critical for Manufacturing companies to continuously and relentlessly keep increasing productivity, ideally through step change improvements in uptime, quality, and throughput. This can be achieved by taking advantage of modern technology-enabled capabilities such as manufacturing intelligence, planning & scheduling automation/optimization, real-time location tracking, and AR/MR/VR tools to support operator training, digital work instructions, remote technical assistance, etc.

Gemba Systems helps manufacturing companies navigate the complex and fast-evolving landscape of Smart Manufacturing technologies 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. Ultimately, we strive to empower people with smarter solutions that boost productivity and drive top-and bottom-line results.





### DIGITAL WORK INSTRUCTIONS & INSPECTIONS

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



### NO-CODE CUSTOM SHOPFLOOR APPLICATIONS

Create useful and user-friendly custom shopfloor applications that improve the productivity of your operations, without writing any code. Start from scratch or download a ready-made app from an extensive library. Create real-time reports, dashboards, and visualizations with easy analytics tools.



### REAL-TIME ASSET LOCATION TRACKING (INDOOR+OUTDOOR)

Indoors and/or outdoors, real-time locating systems (RTLS) make it possible to track raw materials, WIP, tools, equipment, shipments, etc., real-time and up to inches accurate, using tags with years of battery life, resulting in significant waste reduction while improving visibility and compliance.



### AUGMENTED REALITY FOR WAREHOUSING & LOGISTICS

Empower warehouse workers with intuitive visual instructions on hands-free smart glasses, by combining augmented reality (AR), Real-Time Locating Systems (RTLS), computer vision and artificial intelligence (AI), dramatically improving training time, accuracy, productivity, and safety.



### INDUSTRIAL DATA & IT/OT CONNECTIVITY PLATFORM

Jumpstart your IIoT, I4.0, and DX initiatives enterprise-wide through an edge-first industrial data platform that helps access and process your operational data. Connect to over 280 different industrial protocols, and all major Cloud platforms, to leverage IT+OT data insights with speed, scale, and security.



### AI DIGITAL TWIN & PROCESS OPTIMIZATION

Make complex industrial processes easier to navigate, oversee and control, improve operational equipment efficiencies, and reduce energy consumption, through a powerful suite of AI-powered machine-learning-based applications.



### AUGMENTED REALITY REMOTE ASSISTANCE w/ SMART GLASSES

Using a feature-rich and user-friendly remote assistance platform, 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.



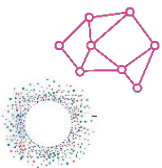
### ADVANCED PLANNING & SCHEDULING (APS)

Perform -and automate- fast, flexible, and realistic production scheduling, order promising, capacity planning, and material requirements planning, using best-in-class Advanced Planning & Scheduling solutions with powerful optimization, user-friendly interface, and extensive reporting, for significantly better productivity, throughput, lead times, and on-time delivery.



### REAL-TIME OPERATOR GUIDANCE

Built on an easy-to-implement CNC machine monitoring platform that allows powerful analytics and visualizations, the Optimal Path System (OPS) guides the real-time activities of machinists on the shop floor, enabling step change uptime improvements while significantly decreasing operator/machine ratios.



### VISION AI FOR QUALITY INSPECTION & PROCESS AUTOMATION

Automate defect detection and categorization with easy-to-use vision AI tools. Monitor production or logistics processes, and interpret what is happening in real-time, through a flexible and powerful AI engine, alerting for critical variations that cause inefficiencies or create unsafe environments.