Light Guide Systems

**Light**

Operators focus on the process
You see faster cycle times

*Shine a light on productivity*  Our patented Light Guide Systems™ combines proprietary software and advanced projection technology to provide step-by-step directions for manual operations.

*Stay on task*  No more flipping through paper instructions or checking a monitor. The system casts a digital operating canvas right on the work area and workpiece itself, keeping the operator’s eyes focused on the task at hand.

**Guide**

Build it right the first time
Avoid costs downstream

*Show the way*  Audiovisual prompts guide and pace the operator through each step of the process in real time. Videos and CAD drawings are also projected directly onto the work area.

*Ensure accuracy at every turn*  By confirming each task is correctly completed, Light Guide Systems error-proofs manual operations. It’s the perfect poka-yoke to reduce defects, rework and redundant inspection.

**Go**

Light Guide Systems is your GPS for manual processes, just Light, Guide and Go™

*Optimize workflow*  Engage RUN mode and our system automatically guides the operator, while simultaneously displaying and recording cycle times and critical build data, enabling full traceability.

*Anticipate every move*  Combine operator intelligence and flexibility with the error-proofing power of Light Guide Systems to drive operational improvements to bottom-line results.

Seeing is believing. Watch our system in action at www.ops-solutions.com.

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Light Guide Systems™ gets it right, every time

Closed-Loop Control

By programming step-by-step instructions and projecting them onto the work surface, our patented system directs the operator through every critical task in the manual process.

Collect and measure real-time data, then compare it against standards and goals. Monitor and archive cycle time and other critical build data for full traceability. Verify task completion at every stage. Identify bottlenecks and implement improvements. Control the efficiency and accuracy of workflow.

User-Friendly

Light Guide Systems features an intuitive graphical user interface. If you are comfortable using PC-based office software, you can easily configure our system. Just drag-and-drop to add text, images, and video, or change colors or sizing.

Flexible & Scalable

Light Guide Systems can act as a standalone station, or it can be integrated with your Manufacturing Execution System (MES) directly or via a Programmable Logic Controller (PLC) interface, to dynamically guide operators in high mix and high complexity environments.

The system is also portable. Improve a process, then move it from one station to another, or redeploy it to another plant.

No Faults Forward

Prevent errors before they make it to the next manufacturing process. With real-time monitoring, the system verifies that all critical steps are completed in the proper sequence.

Online Applications
- Product/Prototype Assembly
- Quality Inspection
- Product Changeover
- Welding Locations
- Gauging Operations
- Preventative Maintenance

Offline Applications
- Part Kitting/Sequencing
- Shipping/Receiving
- Training
- Sorting/Containment
- Safety Processes
- Maintenance/Repair

GO Anywhere

The Light Guide Systems digital operating canvas can be projected onto any surface. Your assemblies, individual components, parts bins, even moving lines.

Better productivity, quality and throughput are right around the bend. Just follow the lights. Light Guide Systems is your GPS for visual workflow, simply Light, Guide and Go™.