



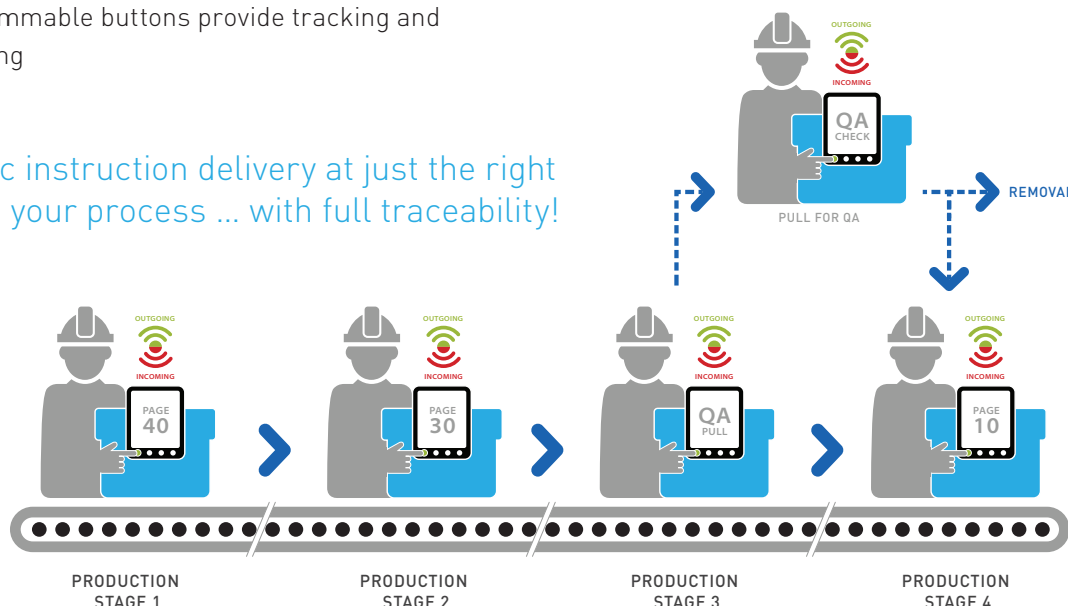
Work Instructions: Dynamic Instruction and Workflow Routing

Efficient process workflows are the key to ensuring a seamless operation. The Work Instruction Application Module provides the ability to send the appropriate instruction to the View Tags on the factory floor to instruct the operators automatically. Logiscend's Work Instruction Application Module provides the ability to manage your containers, re-schedule or re-direct jobs by rack or container, track the QA process and automatically count inventory for WIP items.

Compared to expensive, static paper labels, this system is an exponential leap forward in cost savings, quality and the ability to manage the increasing complexity in modern manufacturing. Buttons on the tags allow operators to respond to or confirm instruction, providing the two-way communication necessary for process efficiency.

- Real-time instruction & operator feedback
- Dynamic instructions based on locations
- Instant quality or hold instructions
- Re-route materials to respond to changes in Workflow
- Enable faster productivity in temporary work forces and enhanced procedure compliance
- Programmable buttons provide tracking and reporting
- Auto capture of "as built" records
 - Pages saved as permanent records for compliance
 - Time stamps and digital signatures
- Manager dashboards provide real-time visibility into state and location of WIP
- Simple infrastructure and setup

Dynamic instruction delivery at just the right place in your process ... with full traceability!



The Logiscend Difference

What makes Logiscend different than other Work Instruction applications? It's simple — traditional paper labeling provides one-time, static visual instruction, but with minimal tracking and automation. RFID provides the tracking but fails to provide the visual instruction or verification necessary for workers. Only Logiscend combines these elements to form a powerful new paradigm — **instruct + track + dynamic control** — enabling smart manufacturing for an IoT world.

Logiscend for Work Instruction includes an intuitive GUI, configurations and user settings to allow you the most flexibility and simplicity to ensure a seamless integration into your system and processes.

Simple Setup & Integration

The “wizard” driven GUI allows you to simply setup your process.

- Configure work instructions by asset or build
- Add specific instructions by workstation
- Tags are triggered locally
 - System call retrieves instruction
 - Images displayed right on tag
- Connects easily to existing software
 - Import as a data bitmap
 - Use Intelligent XML templates to render images directly from data
- Simple IR or RF triggers deployed at key process steps

Manager Dashboards & Alerts

Manager dashboard shows requests and progress by workstation. When issues or bottlenecks arise, warnings are highlighted in yellow and red. Based on the bottlenecks or other issues, you can easily re-route materials by immediately issuing new instructions.



Logiscend Software

Flexible enough to work as a standalone application or integrated into your MES system, this platform allows you to manage all of the tags and devices in your network, dynamically change workflows or work instruction, count WIP items, and drive analytics for improvements. An intuitive GUI and branded, customizable dashboards ensure you have the view you need to effectively manage your processes — real time. QA inspectors can immediately quarantine or clear materials across the facility.

Interested in finding out more?

Logiscend provides a turnkey solution including hardware and software along with the professional services to architect and deploy a complete solution.

Visit logiscend.panasonic.com to learn more.

For more information, please contact IIoT.sales@us.panasonic.com

Panasonic