

Panasonic



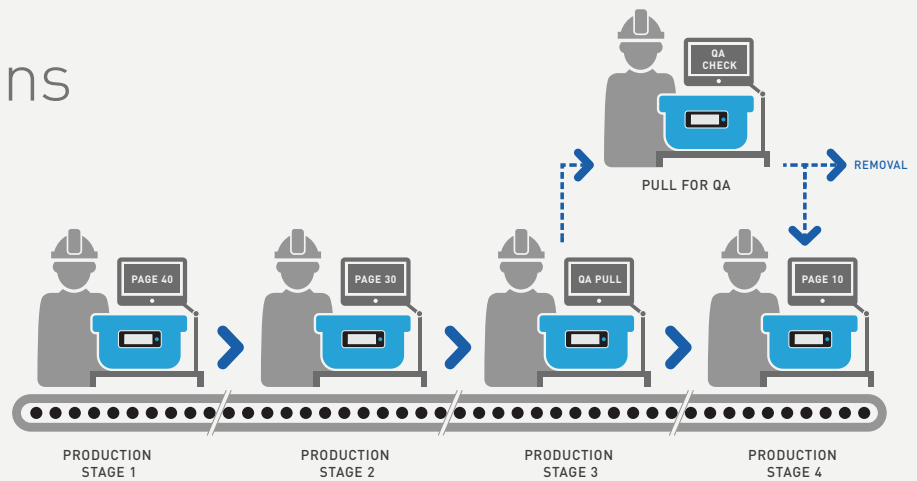
LOGISCEND SYSTEM

Work Instructions Application

- Make an exponential leap forward in cost savings, quality and the ability to manage complexity in modern manufacturing – the Logiscend Work Instructions Application eliminates paper and provides the ability to deliver the right instructions to the right work zone every time. And the instructions can be dynamically updated for changes in production or process.

Work Instructions Application

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



Efficient process workflows are the key to ensuring a seamless operation. The Work Instructions Application eliminates paper and provides the ability to send the appropriate instruction to a monitor or tablet on the factory floor to instruct the operators automatically. As a part arrives in the work cell, the build or work instructions are displayed via a web browser. With our Bluetooth Low Energy (BLE) RTLS tags on your material work instructions can be triggered based on position changes of less than 1 meter*. Content can be easily created or edited to meet changing production demands.

Compared to expensive, static paper work instructions, this system is an exponential leap forward in cost savings, quality and the ability to manage the increasing complexity in modern manufacturing. Create standard work instructions to guide the operator on what to build and how to build it.



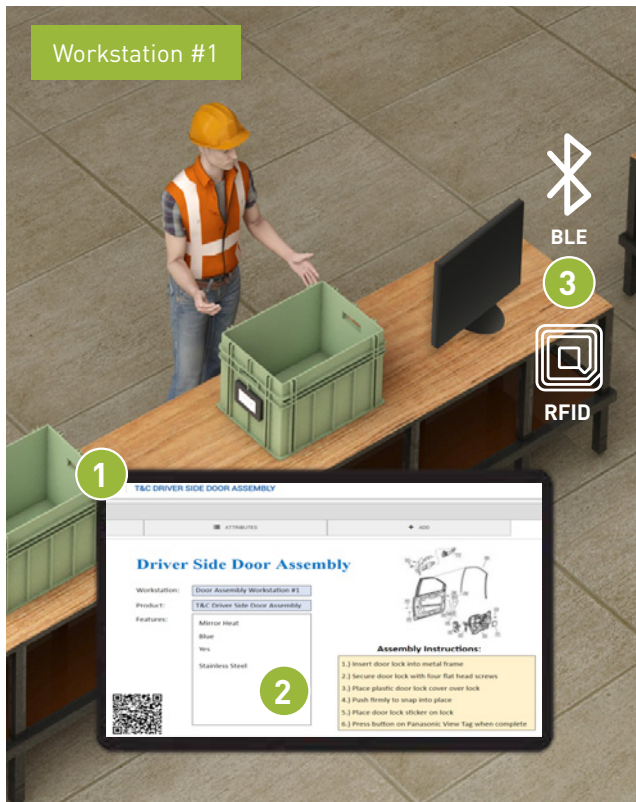
- Provide dynamic instructions based on locations (changes of less than 1 meter* can be detected with BLE tags)
- Deliver instant quality or hold instructions
- Re-route materials to respond to changes in workflow
- Enable faster productivity in temporary workforces and enhanced procedure compliance
- Create standardized processes that decrease the defect rate
- Increase value by using in conjunction with Panasonic Logiscend Smart Container and Asset Tracking Applications to track as "built" records
- Enjoy simple infrastructure and setup
- Can also be used to display information on large overhead monitors to communicate work in progress and build status

Setup and integration

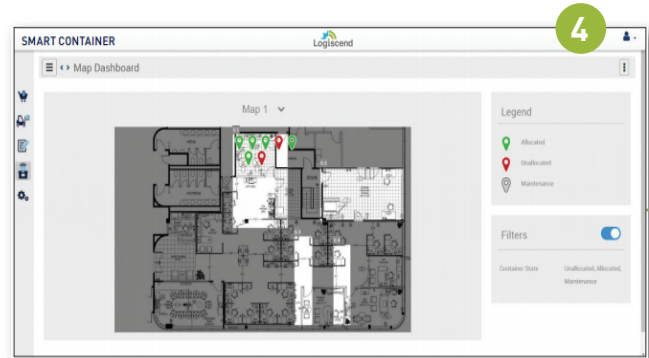
- Configure work instructions by asset or process step
- Connect easily to existing ERP/MES software using REST APIs
 - Create content via a Powerpoint template (or other SVG tool/application); save as a SVG file
 - Import as Scalable Vector Graphics (SVG) file
 - Use Intelligent SVG templates to render instructions directly from data

* Accuracy is dependent on application.





- 1 Process Details shown only for that specific workstation and assembly step
- 2 List of materials, tools and process steps updated for each workstation
- 3 RFID and/or BLE used to identify changes in location of WIP & material
- 4 Monitor status and location of materials as they move through manufacturing process



Professional services

Panasonic is your trusted integrated solutions partner, committed to helping improve your organization's key performance indicators (KPIs), including productivity, quality, and cost targets. Our ultimate goal is enterprise-wide operational excellence. We offer a full suite of services:

- Planning
- Installation and implementation
- Maintenance & support
- Engineering service

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.

Visit logiscend.panasonic.com to learn more.

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



Pick



Replenishment



Asset Tracking



Work Instructions



Smart Container