Panasonic CONNECT Logiscend IoT-Based System Owner's Manual

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Introduction

Logiscend is the first IoT-based system to offer a true paperless workflow for manufacturing.
Our solution combines the immediate reliability and visual instruction of paper labels along with automated

tracking, and the capability for two-way human interaction – ideal for Industrial IoT technologies.

Logiscend

Mass Customization, Batch of One and Just-in-sequence manufacturing are putting new demands on managing material flow.

Additional pressure comes from:

- Consumers demanding Real-Time Transparency
- Faster product cycles, more variations & complexity
- Increased Regulatory Compliance Logiscend is the first IoT-based system to offer a true paperless workflow for manufacturing.

Our solution combines the immediate reliability and visual instruction of paper labels along with automated tracking, and the capability for two-way human interaction – ideal for Industrial IoT technologies (and with a 12–18 month ROI).
What makes Log iscend different than other Material Flow Management solutions?
Traditional paper labeling provides simple visual instruction, but with minimal tracking and automation.
RFID provides the tracking but fails to provide the visual instruction or two-way communication and verification
Long battery life

- Wireless system communication
- Easy to reconfigure, place on moving shelves
- Buttons for operator signaling from Factory Floor to ERP
- Sensor accessories & Sensors to call for replenishment How We Make Material SmartView Tags.

Using a unique combination of paper and RFID, these trackable, visual tags travel with your container to eliminate paper and provide traceability RFID Tags

Inlays, Hard Tags and ACTIVE transponders attached to identify and locate containers wirelessly (sensor options)
Printing Traditional labels, cards and sheet sprinted on industrial printers. May include barcodes and/or RFID
Laser
Marking – A device that etches or marks barcodes, part numbers, container IDs or sequence numbers on metal or plastic containers or the parts inside

Case Study: Automotive company& their Batch of One production
The challenge was to implement a system to monitor the movement of engines on the manufacturing floor and provide a dynamic replacement of the build instructions.
Detroit manufactures four engine models that differ based on fuel economy, horsepower and torque to meet the varied needs of their customers.
Each engine is built on the same base design, then customized to achieve its final model.
For this reason, Detroit needed to create a more flexible manufacturing process to enable all models to be built on the same line thus requiring the build book replacement to be customizable and dynamic.
Read more: https://logiscend.panasonic.com/pdfs/Panasonic_Logiscend_DetroitBuild-Book-Success-Story_1.pdf

Key Features

- From Factory Floor to ERP – Flexible & transparent
- A complete system from a trusted global leader in IIoT technology

- Software + Hardware + Professional Service

Logiscend

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Documents / Resources

Panasonic CONNECT Logiscend IoT-Based System [pdf] Owner's Manual
Logiscend IoT-Based System, Logiscend, IoT-Based System

References

- P **Logiscend | Panasonic Connect**