

Empowering cutting-edge manufacturing processes

From Factory Floor to ERP – Flexible & transparent

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 Logiscend 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 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.

Premium e-paper display with a high visibility in broad daylight as well as warehouses:

- 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

Areas of Applications



Pick



Replenishment



Asset Tracking



Smart Container



Work Instructions

Elements of a Logiscend System

SOFTWARE + HARDWARE + PROFESSIONAL SERVICE



A complete system from a trusted global leader in IIoT technology

How We Make Material Smart



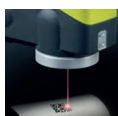
View Tags – Using a unique combination of e-paper and RFID, these trackable, visual tags travel with your container to eliminate paper and provide traceability



RFID Tags – Inlays, Hard Tags and Active transponders attached to identify and locate containers wirelessly (sensor options)



Printing – Traditional labels, cards and sheets printed 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_Detroit-Build-Book-Success-Story_1.pdf



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a consultation or a customized offer.

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