

# Panasonic

MATERIAL FLOW MANAGEMENT

## Panasonic Logiscend™ Solution

> In our view, technology should move us all forward. It should enable us to create abundance out of scarcity, power the things that make our work easier, and energize our perpetual ambition for progress. These viewpoints all converge with the creation of Logiscend™ — the world's first universal platform for material flow management.





## Smart material flow. Accurate kitting. Easy start, small investment.

Panasonic is building the world's best line-level platform for enterprise manufacturing — the Logiscend™ industrial IoT solution for intelligent material flow management.

The Logiscend solution consists of:

- The software platform for integration with multiple workflows and facilities
- The hardware for tracking and tracing assets
- The engineering support to design and implement the best solution for your needs

Panasonic's unique modular approach to material flow management integrates seamlessly with your corporate ERP/MES system. With easily changeable wireless installation configurations based on your plant's pain points — Kitting (Pick and Replenishment), Container Flow Management (Asset Tracking and Smart Containers), Work Instructions and more — the breadth of the Logiscend™ system cannot be matched.

## Why Logiscend?



### Quick installation process

The Logiscend material flow management solution is easy to install, easy to configure and easy to fit into your budget. Panasonic has done the hard work up front — creating the Logiscend software platform with integrated hardware — so specifying and installing the entire system for your plant is both fast and easy, compared to custom-built hard-wired solutions.



### Improve workforce accuracy

Our research into plant productivity trends shows that worker turnover and new worker training is affecting production. With Logiscend, your workforce will benefit from interactive displays, dynamic instructions, and ease of use — with low to little training required. Your bottom line will benefit from reduction in errors, improved production, and significantly reduced training time.

The Logiscend™ platform for paperless material flow management is designed to supercharge your plant's efficiency. With this in mind, we focused on improving key areas in your enterprise manufacturing process: Pick, Replenishment, Work Instructions, and Container and Asset Tracking.



The Pick Application is designed for simplicity of process:

- Little training is required, so even temp workers can be used
- Our visual cues lead to reduced errors, especially for just-in-sequence assembly
- Dynamic tags promote faster picking and less downtime



The Replenishment Application helps reduce workforce requirements:

- Eliminate the need to have workers walking the line to check inventory
- Interactive software streamlines the replenishment delivery process
- Tighter inventory control and management due to real-time, need-based parts delivery



The Container and Asset Tracking Application helps to reduce waste:

- Location-aware tags provide location and line metrics throughout your facilities
- It is flexible: for inventory manufacturing it provides process visibility; for custom manufacturing it provides product visibility



The Work Instructions Application is designed to increase efficiency:

- Dynamic tags display the correct work instructions based on location
- Tags can display new instructions by individual rack or container as conditions change



### Better visibility to assets and processes

Our constantly evolving software and location-aware hardware — such as the interactive, paperless display tags — allow full tracking and tracing of assets, with visibility over multiple production years. The Logiscend™ system can help your company save substantial amounts in missing parts and extra labor by streamlining your operations, reducing waste and optimizing labor.



### Reduce the complexity in your factories

Enterprise manufacturing facilities have too many moving parts to easily accommodate multiple custom applications from small integrators. Panasonic can help with Logiscend: one reliable platform for material flow management which includes hardware, software, and the engineering services to provide the best solution for your specific needs.



*Unlike paper and other traditional electronic tagging solutions, Logiscend is an IoT solution that gives us the ability to not only track our materials, but control the process flows. The process visibility and control that the system provides has created a number of efficiencies for us — not to mention the savings from the paper alone. We're now expanding to several other manufacturing lines within our facility.*



Robert Hyden, Daimler  
Detroit Diesel, IT Manager

## The confidence to succeed

The Panasonic Logiscend™ solution has a proven track record with years of use in enterprise just-in-sequence assembly lines — proven to be reliable, proven to reduce costs and improve workforce accuracy, proven to be easily scalable for multiple assembly lines and plant locations.

We are confident that after you experience the benefits of Logiscend on your first assembly line, you will wish to expand the installation across multiple lines and multiple plants. Our team of dedicated engineers and the entire Panasonic organization will stand behind you, working for your success and the success of your manufacturing facilities.



Watch our videos about the  
Panasonic Logiscend solution

[logiscend.panasonic.com/videos-smart-material-flow](https://logiscend.panasonic.com/videos-smart-material-flow)

Automated Kitting Solutions



Pick



Replenishment



Container and  
Asset Tracking



Work Instruction

### 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 material flow solution.

Visit [logiscend.panasonic.com](https://logiscend.panasonic.com) to learn more.



For more information, contact  
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[logiscend.panasonic.com/contact](https://logiscend.panasonic.com/contact)

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