

Panasonic

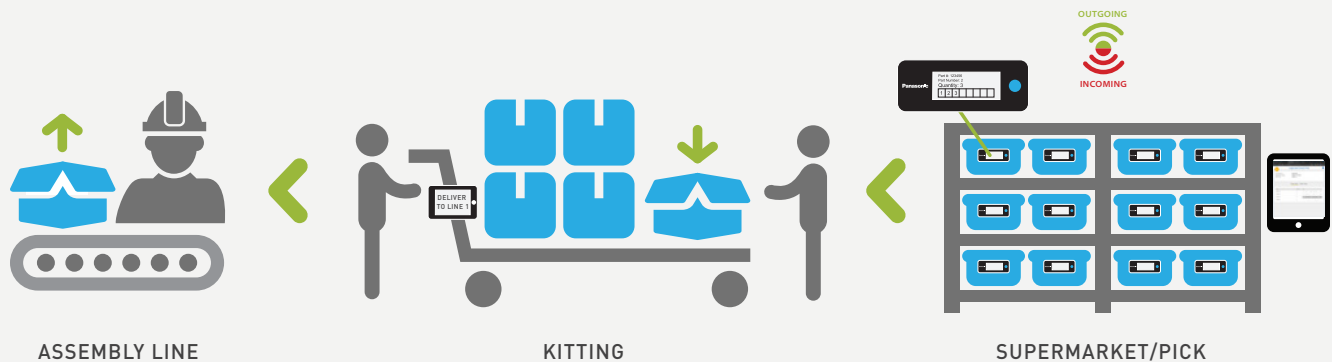


LOGISCEND SYSTEM

Pick Application

- Getting the right parts to the right place at the right time in any factory starts with ensuring an accurate picking or kitting of those parts from the warehouse, line-side or other “shopping” location. With the Panasonic Logiscend Pick Application, we can bring your process into the IoT future.

Pick Application



Paper-based processes are highly error-prone and inefficient when it comes to ensuring the correct parts are located and selected manually by operators. The Logiscend Pick Application ensures an accurate and efficient process by providing visual cues and instruction for operators for each job with a wireless VIEW Tag at the pick location.

Standard work: No training or re-training necessary

This simple and intuitive system includes visual indicators and instruction right on the VIEW Tag, and requires little to no training — providing for ease of system and/or new operator deployment.

- Screen instructions automatically direct operator of pick quantity and location
- Eliminates need for hand-held equipment or fixed readers

Re-configurable Simple wireless deployment

Logiscend requires no wired infrastructure. Unlike complex pick-to-light options, the Logiscend Pick Application provides simple installation and re-configurable where you need it — when you need it.

- Easily create temporary Pick locations based on demand and volume
- No hard-wired infrastructure is required, allowing for line rebalancing

Visual factory: Real-time instruction and indicators for operators

The Logiscend Pick Application improves the communication of information and the accuracy of the process.

- The VIEW Tag provides 2-way communication with both visual instruction and operator feedback to confirm the pick
- Address process issues in real-time with dynamic instructions

Monitor KPIs: Manager dashboards

Dashboards provide pick rates, delivery metrics and alerts to optimize process performance in real-time.

- Analyze bottlenecks to improve throughput
- Balance processes and eliminate waste (Muda)
- Connects easily to existing ERP/MES/WMS systems

Panasonic Logiscend InSights Software

- Powerful visualization and business intelligence tool that analyzes data over time
- Maximize efficiency and improve operational processes by visualizing performance across plants

The Logiscend Difference

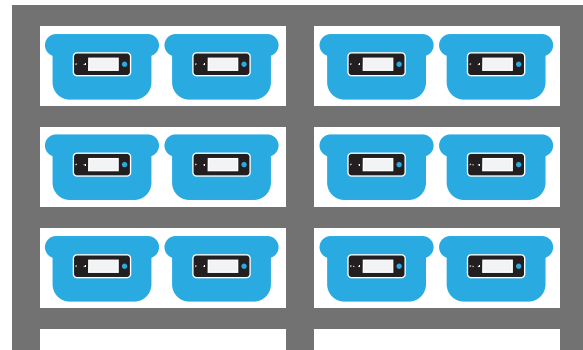


Smart Material Flow. Brilliant Results.

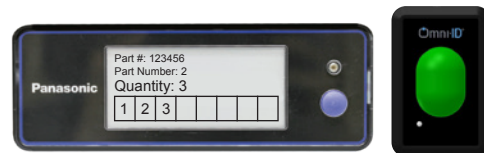
The Logiscend Pick Application provides a simple, intuitive process — from set-up to operation. The entire system can be set up and running within a matter of days and if necessary, easily moved for line re-balancing in a matter of hours. The best part: operators need little to no training to use the system!

Supermarket pick: How it works

- 1 Pick list is downloaded from the MES/ERP system to pick book (tablet) or screens mounted at the ends of each pick aisle location
- 2 The operator starts the job and selects an available cart
 - The cart is equipped with a VIEW Tag and automatically associates with the pick job
- 3 VIEW Tags on the parts rack invert and provide operator instruction for pick
 - VIEW Tag provides instruction for quantity to pick and cart kitting location
 - An active pick job can be configured either black text on white background or white text on black background for readability preference. An optional Lighted Button can further enhance visibility to the operator to the pick location.
 - Operator simply pushes button on tag to indicate the pick is complete



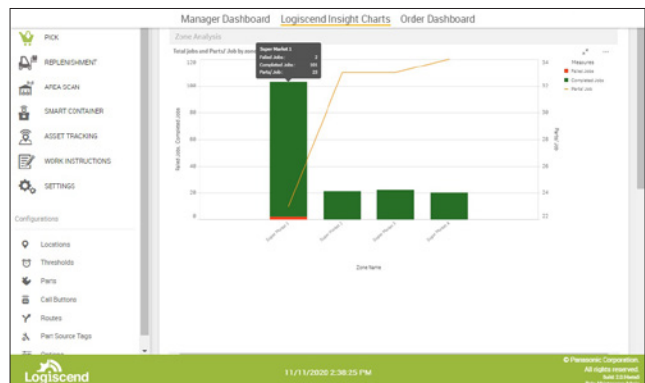
- 4 The operator verifies that the pick job is complete on the pick book or mounted screen location
- 5 Pick timing, error and operator information is uploaded into the system and can be filtered through the manager dashboards
 - Customize display, sort and filter pick job data, search for specific jobs, display charts and export data



Lineside pick: How it works

- 1 Pick is triggered by the MES or RFID when the product arrives at the workstation
- 2 VIEW Tags on the parts rack invert and provide instruction on pick quantity
- 3 Operator pushes the button on the VIEW Tag to indicate the pick is complete

Example Dashboard from Logiscend InSights Software



Simple setup and integration

The Logiscend Pick Application interacts with your MES/ERP system for initial setup and configuration (part numbers, pick locations), pick job downloading and at the completion of each pick job, uploading of process metrics.

Logiscend's intuitive graphical user interface (GUI) then allows for simple, guided configuration of the system, including parts customization and mapping of the physical layout of the picking area and locations.

- The Logiscend user experience is provided via a web-based (HTML5) interface for simplicity

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.

- Part numbers and their descriptions can be imported from the customer's MES/ERP IT systems, or they can be manually added as needed
- The customer's MES/ERP system may use a file exchange method or it can use Logiscend REST APIs to communicate with the Pick Application
- Manager dashboards provide bottleneck analysis, warnings and other key real-time data, allowing you to dynamically re-issue instructions or re-balance lines as necessary
- Optional Panasonic Logiscend InSights Software allows users to look at Pick data over time and across facilities

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 which can be individually customizable to provide all support necessary for a successful program.

- Planning
- Installation and implementation
- Maintenance and support
- Engineering services



Pick



Replenishment



Asset Tracking



Work Instructions



Smart Container

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 to learn more.

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

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