ProVIEW gets the right parts to the right place at the right time!
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 or other “shopping” location.

Paper-based processes are highly error-prone and inefficient when it comes to ensuring the correct parts are located and selected manually by operators. ProVIEW’s Pick application module 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 from Pick to Put location
- Eliminates need for hand-held equipment or fixed readers

**Re-Configurability: Simple Wireless Deployment**

The ProVIEW system requires no wired infrastructure. Unlike complex pick-to-light options, the Pick application module provides simple installation and re-configurability 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**

ProVIEW’s Pick application module 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 pick, put or other activity
- 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
The ProVIEW Difference:
Enabling Smart Manufacturing for an IoT World

The Pick application module 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!

**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.
   - Tablets (Windows, Android, or Apple tablets are supported) are optional but often unnecessary since each pick job can be started from a mounted screen; the tags at the pick location then contain the instruction for the operator.

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 invert and provide operator instruction for pick or put.
   - Operator simply pushes button on tag to indicate the pick is complete and moves to the next location.

4. The operator verifies that the pick job is complete on the pick book or mounted screen location. Exceptions noted eliminates short picks.

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.
**Simple Setup and Integration**

The ProVIEW Pick application module 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.

ProVIEW’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 ProVIEW user experience is provided via a web-based (HTML5) interface for simplicity
- 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 ProVIEW REST APIs to communicate with the Pick application module
- 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

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**ProVIEW 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.

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Interested in finding out more? Omni-ID can provide a turnkey solution including the largest line of RFID products, hardware and software along with the professional services to architect and deploy a complete ProVIEW system solution.

**Visit** [www.omni-id.com](http://www.omni-id.com) **to learn more about the complete line of Omni-ID RFID products.**