

The Next Generation of Light-Direct Picking (US Patents 6,775,588 / 8,019,463)

Innovatively combines Voice, Bluetooth barcode scanning and coupled Light-Directed picking to improve operations in distribution and manufacturing environments.



Simple, Affordable Batch Picking
Lights and voice tell where to pick from bays
and where to put on cart

Lights on picking bays and cart are
“coupled” to enable cluster picking

Benefits

- **Increases customer satisfaction while lowering costs**
- **Improves picking efficiency and accuracy:** Batch picking, light direction, scanning
- **Eliminates need for auditing and packing:** Difficult to err, pick into shipping box
- **Reduces training time:** Easy to operate by new pickers, including visually-impaired or hearing-impaired workers

Features

- **Fast:** Pickers easily find the right location with flashing light and pick accurately without reading paper pick slips or RF displays.
- **Accurate:** Simple operational visual cues minimize picking errors and eliminate the need for audits after picking.
- **Determines Optimal Box Sizes:** Uses a powerful cubing algorithm to determine best set of right-size boxes to select or on-demand-size boxes to make for packing.
- **Optimizes Warehouse Traversal:** Directs the picker along the shortest path for picking.
- **Clustered Batch Picking/Putting:** Pickers are directed to retrieve the same SKU for multiple cart orders or multiple SKUs for a single order, thus reducing walking time between carts and bays while picking batches of many orders on carts.
- **Batch Order Processing:** A batch with as many as 255 orders on a cart can be picked with one trip through the warehouse.
- **Distributed Operation:** Unlike conventional pick-to-light systems, requires no expensive, central computer to control lights on storage bays or lights on carts.
- **Configurable:** Supports Batch cart picking, Reverse Logistics, Put Walls, Dynamic Slotting, Dynamic Put Walls and others.
- **Flexible:** Allows a mix of LED or conventional lighted and non-lighted locations on carts and bays.
- **Simple:** Easy installation and interface to any warehouse management system.
- **Affordable:** ROI payback period is usually between 6 and 12 months.

Selected Clients



One of the big 3 auto manufacturers in Detroit
Not revealed due to confidentiality restriction

