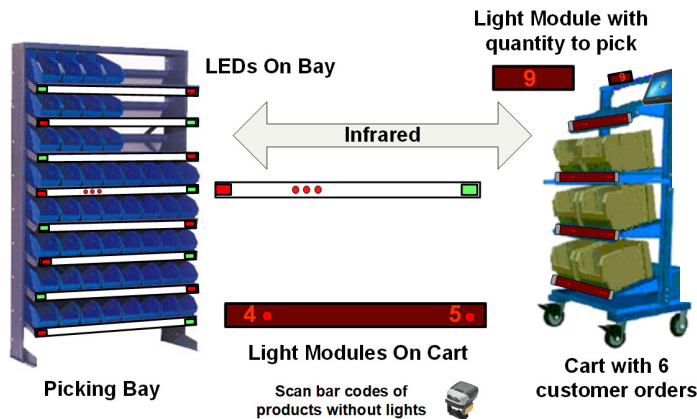


The Next Generation of Light-Direct Picking (US Patents 6,775,588 / 8,019,463)

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 or hearing-impaired workers

Features

- **Fast:** Pickers easily find the right location with flashing light and pick accurately without consulting paper pick slips or RF displays.
- **Accurate:** Simple directions 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 boxes to select or best set of right-size boxes to make to pack orders.
- **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 orders, thus reducing walking time between carts and bays.
- **Batch Order Processing:** A batch with as many as 255 orders on a cart can be picked on one trip through the warehouse.
- **Distributed Operation:** Unlike conventional pick-to-light systems, requires no expensive, central computer to control storage bay or cart lights.
- **Configurable:** Supports Batch cart picking, Reverse Logistics, Two-phase Picking with Put Walls, Two-phase Dynamic Slotting, Dynamic Put Walls and others.
- **Flexible:** Allows a mix of lighted and non-lighted locations on carts and bays.
- **Simple:** Easy installation and interface to 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)



Kitting

