

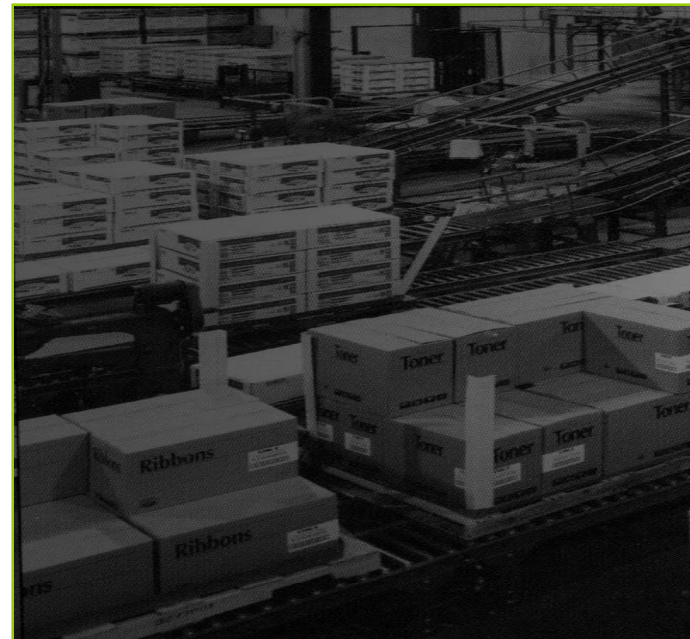
AIDC for Industry

Bar Code Readers Enable Automated Pallet Tracking

Automated pallet tracking

A warehousing facility needed to improve efficiency and improve inventory control. To accomplish this, they installed an automated pallet tracking system, utilizing Microscan's extended read range scanner

Two scanners were mounted at each dock, one on either side of the door. As forklifts pass through the dock door with pallets, the scanners read the bar code on the side of the pallet.



The symbol

Code Types: Code 39, 30 mil
Black on white



Application:

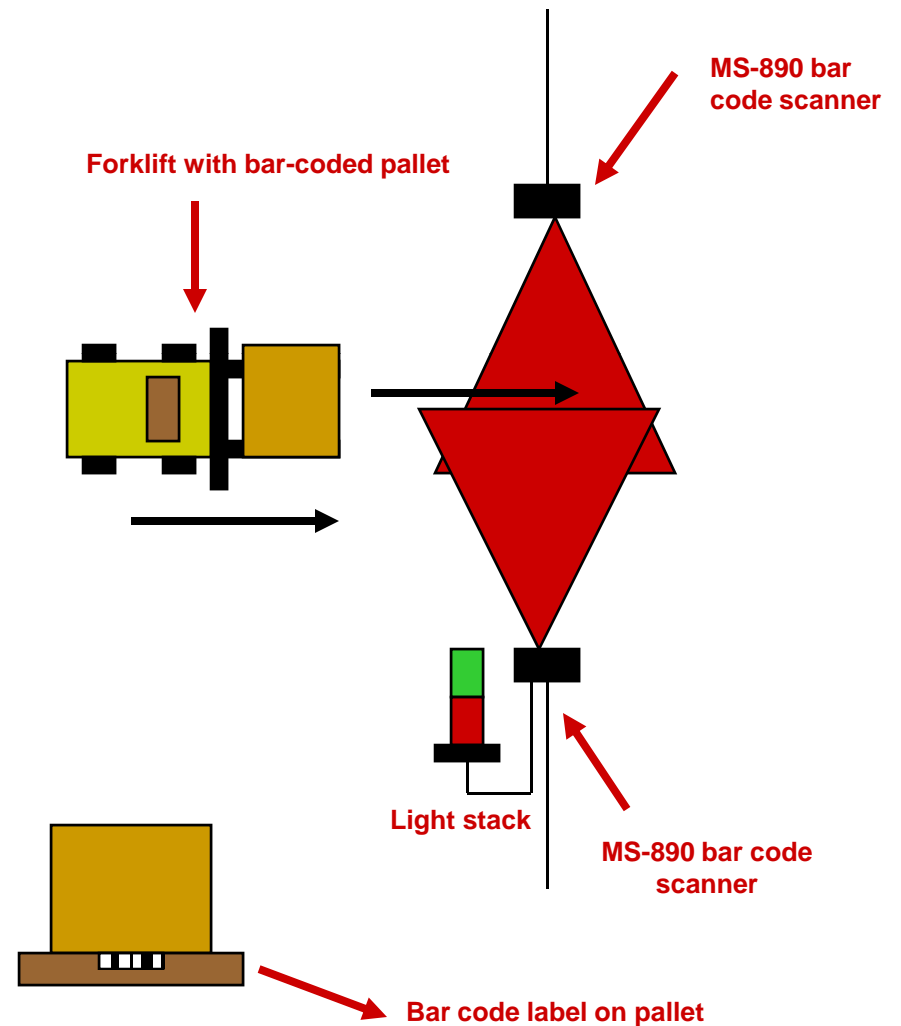
Each 4' x 4' pallet of boxes is shrink-wrapped and bar coded on two sides. Although printed with an industrialized printer, the bar code quality is often poor, requiring a scanner with robust read performance.

The installation

Two extended read range scanners are mounted on either side of each dock door, approximately 2 feet above the floor.

As each forklift passes through the dock door, the scanners scan the sides of the pallet and read the bar code.

A good read fires a flashing green light. A no read triggers a red light, sending a message to the driver that a misread occurred.



Why the MS-890



The MS-890 was selected because it offered the following 4 features which proved to be key in solving this application:

- High Scan Speed
- Auto-focus
- Long Read Range
- Programmable Sweeping Raster

The bottom line

The extended read range scanner's robust feature set allowed the forklifts to load and unload pallets at their normal speeds.

As a result, the manufacturer was able to dramatically improve their inventory accuracy without slowing down productivity.



More information

- If you would like further information about the MS-890, we recommend you check out the MS-890 product specifications or additional applications demonstrating the MS-890's capabilities
- If you have questions regarding this topic, send us an e-mail to training@microscan.com