

## CASE STUDY

Mainway brought on line a new system without interference to the existing operation and within Matrix's budget

### SITUATION

Completed tote picks being put on pallets on the third level mezzanine was causing heavy forklift traffic. Additional traffic congestion was being caused by no efficient way of removing scrap boxes.

### CHALLENGES

- To find an efficient way to get completed totes to shipping area.
- To have an economical sortation system at shipping.
- To eliminate as much forklift traffic as possible.
- Work within a tight budget.
- Work with space limitations.
- Keep present operation functioning during installation.

### SOLUTION

A belt conveyor system was installed to collect tote boxes from all levels of the mezzanine and bring them to shipping.

- An automatic strapping system was integrated into the system to save manpower.
- Refurbished conveyors were incorporated into the design to keep costs down.



- A large loop of conveyors in the shipping area was able to accommodate the many shipping destinations.

***The total installation was done with no down time to the existing operation.***

Scrap case conveyors were installed to take boxes away from the picking areas to a common compactor.

### RESULTS

The systems were brought on line without interference to the existing operation and within Matrix's budget. The efficiency of picking was increased and forklift traffic was reduced significantly. The customer was extremely satisfied with Mainway's performance.