Honeywell Intelligrated

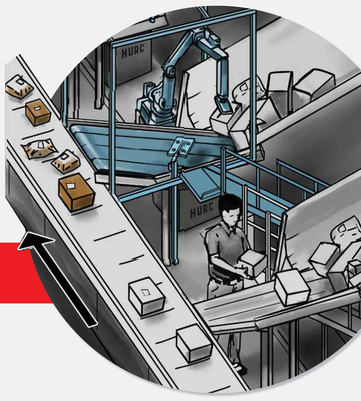
Honeywell Robotics

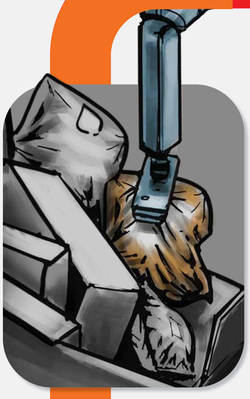
SORTER INDUCTION

Improve productivity at induction points and maximize sortation capacity.

1 REDUCE LABOR REQUIREMENTS

Replace or supplement manual induction, freeing limited labor from monotonous positions





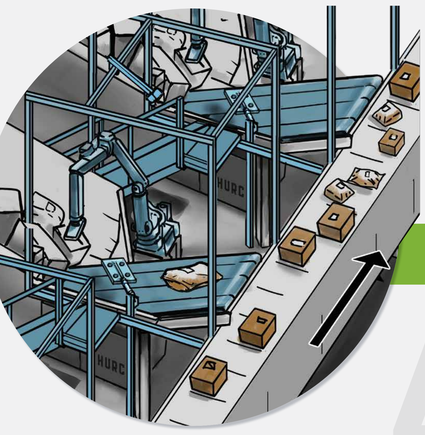
2 INTEGRATE EASILY

Accommodate existing workflows and packaging types found in postal and e-commerce operations for low integration cost and technical risk



3 OPTIMIZE DOWNSTREAM SORTATION

Ensure product labels are face up via robot vision scanning and flipper capabilities



4 MAXIMIZE THROUGHPUT

Load as many sorter trays as possible, increasing sorter utilization

ENABLERS

Technology

- Powerful computational capability
- Intelligent algorithms, machine learning, artificial intelligence
- Perception through vision and sensor integration
- Robotic integration expertise
- Conveyance/material handling integration
- Honeywell Unified Robotic Control (HURC)

Market

- End users desire for advanced automation/ lower logistics costs
- Continued productivity growth in a challenging labor market
- Labor challenges due to environmental, injury prone repetitive nature