

## UNLOCK EFFICIENCY WITH AUTOMATION

### APPLICATIONS

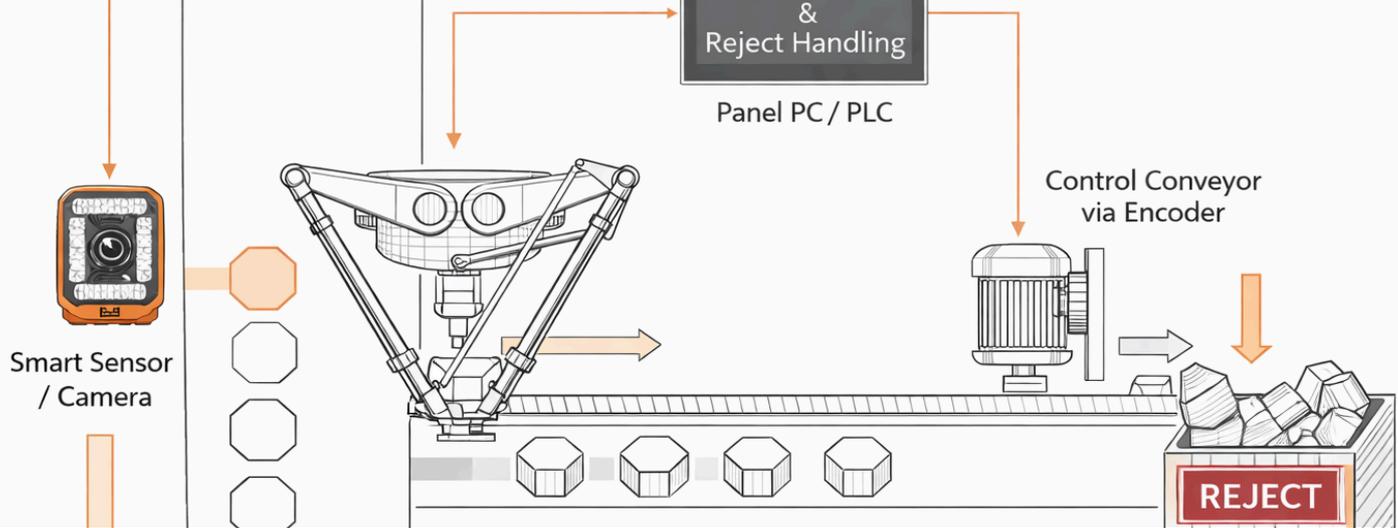
- **High-speed pick & pack with inline QA:** automate repetitive end-of-line handling while checking label presence/position, seal integrity, and code/date readability; auto-reject or rework non-conforming packs.
- **Case packing and collation:** pick singles into trays/cartons/cases, verify count and orientation, and reduce manual lifting, twisting, and repetitive reach movements for operators.
- **Sorting and grading:** vision/sensor-based pick & sort to separate good product, rework, and waste; reduce hand sorting and keep quality consistent at speed.
- **Fill-level and closure checks:** detect under/overfill, cap/closure presence and seating, tamper evidence, and leak indicators; divert failures automatically to protect brand and reduce rework.
- **Label and print verification:** OCR/OCV for best-before, batch/lot, barcode/QR, and allergen/variant checks; prevent mislabelling and costly customer complaints/recalls.

Pick-and-place applications move raw materials, workpieces, or finished goods between process steps to keep flow consistent. Automating these repetitive tasks improves throughput, reduces errors, and frees your team to focus on higher-value work.

## AUTOMATE YOUR PRODUCTION LINE WITH HIGH-SPEED END-OF-LINE PACKAGING, SORTING, OR INSPECTION.

### AUTOMATE YOUR PRODUCTION LINE

End-of-line automation is one of the fastest ways to lift output without expanding floor space. DAANET delivers compact, high-speed systems that reliably pick, place, pack, sort, or inspect – even at demanding cycle times.



## WHY AUTOMATE NOW?

**Workforce shortages:** Maintain consistent output with less reliance on hard-to-fill packing and sorting roles.

**Safety & manual handling:** Reduce repetitive lifting, twisting, reaching, and fatigue from hand-packing, hand-sorting, and rework.

**Operational bottlenecks:** Remove manual packing constraints that limit line speed, shift output, and scalability.

**Quality & waste:** Catch defects and label/print errors early, reduce scrap/rework, and prevent retailer or customer issues.

## APPLICATIONS (FOOD, BEVERAGE & PACKAGING)

**Pick & pack into trays/cartons/cases:** Automate repetitive packing and collation to reduce operator strain and increase consistency.

**Pick & sort / grade separation:** Sort product by size/shape/quality, divert rework and waste automatically, and eliminate hand sorting.

**Label and print verification (OCR/OCV):** Verify best-before, batch/lot, barcode/QR, and allergen/variant labels to prevent mislabelling events.

**Fill level and closure checks:** Detect under/overfill, cap/closure presence and seating, tamper evidence, and leaks; auto-reject out-of-spec packs.

**Pack integrity and presentation:** Confirm seal integrity, correct count, orientation, damaged packaging, dents, deformities, or contamination before case packing.

**Reject and rework handling:** Automated divert/reject chutes and rework lanes to reduce manual rehandling and keep the line moving.

# SOLUTION OVERVIEW

We design pick-and-place / pick-and-pack cells for food, beverage, and packaging environments using B&R Codian delta robots and B&R control hardware. Systems are selected to suit your product characteristics, washdown/hygiene requirements, footprint, and target throughput.