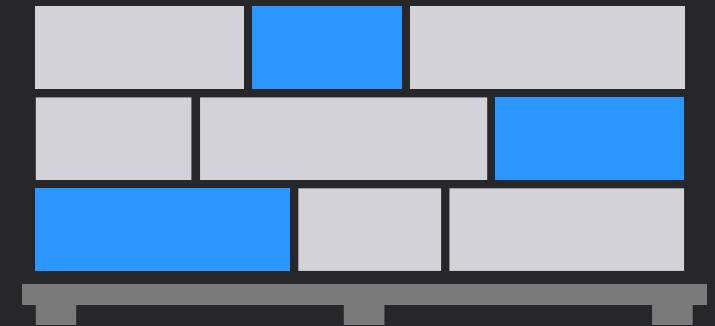


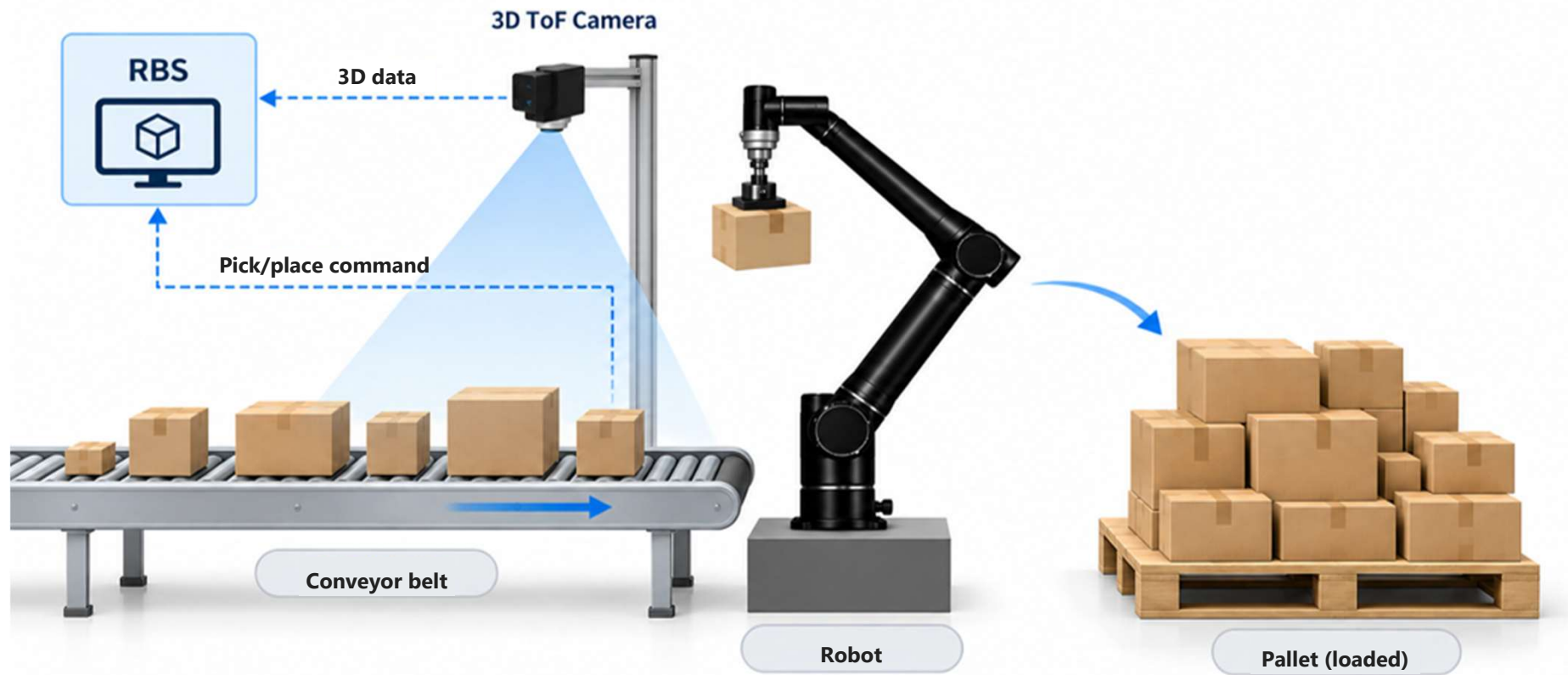
RBS (Random Box Stacking)

Diverse boxes.

Stacking that fits your site.



System Configuration

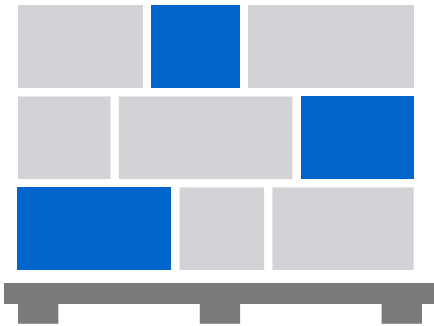


Robot palletizing software for 4 task types

Palletizing

Unstructured palletizing

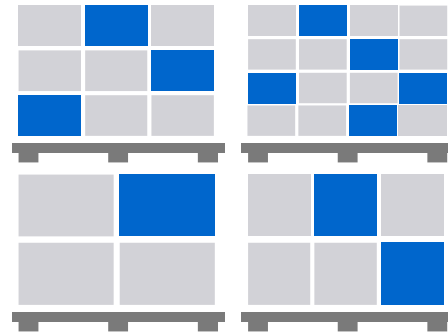
01



Mixed case

Multiple box sizes on one pallet

02

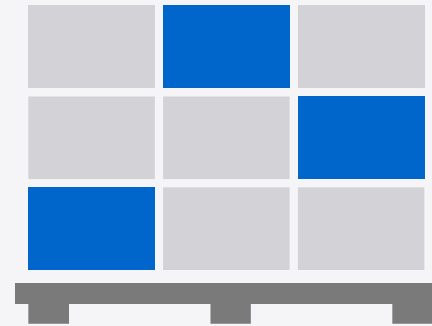


Multi SKU

One box size per pallet

Any of hundreds of SKUs on request

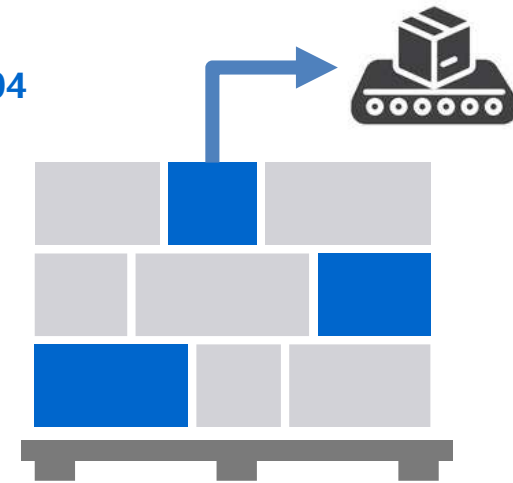
03



Structured palletizing

Fixed sizes and stacking patterns

04



Depalletizing

Unloading boxes from pallets

Economical hardware, robust software

Multiple task modes, with stacking policies optimized by simulation

4

Task modes

Mixed · Multi-SKU · Unloading · Structured

ToF

Cost-effective setup

Box recognition with a ToF camera
(1/10 the price of structured-light cameras)

SIM

Site optimization

Recommends the best stacking pattern
based on your actual box mix

Robust software raises the fill rate

Four levers you tune to your site

01 BUFFER

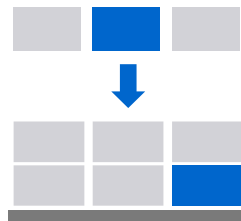
Fill rate +8.96%p

Buffer 0 → 6 · average final fill rate

Sequencing

Retries

Failures ↓



02 MULTIMODAL AI

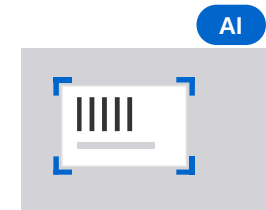
Add-on features

Connect only the recognition you need

Waybill

Barcode

OCR



03 STACKING ALGORITHM

Stability + fill rate

Stacking that accounts for robot paths

Stability

Fill rate

Optimize



04 SIMULATION

Recommended work guide

Conditions with the highest fill rate

Box pose

Buffers

Pallet · Gap

