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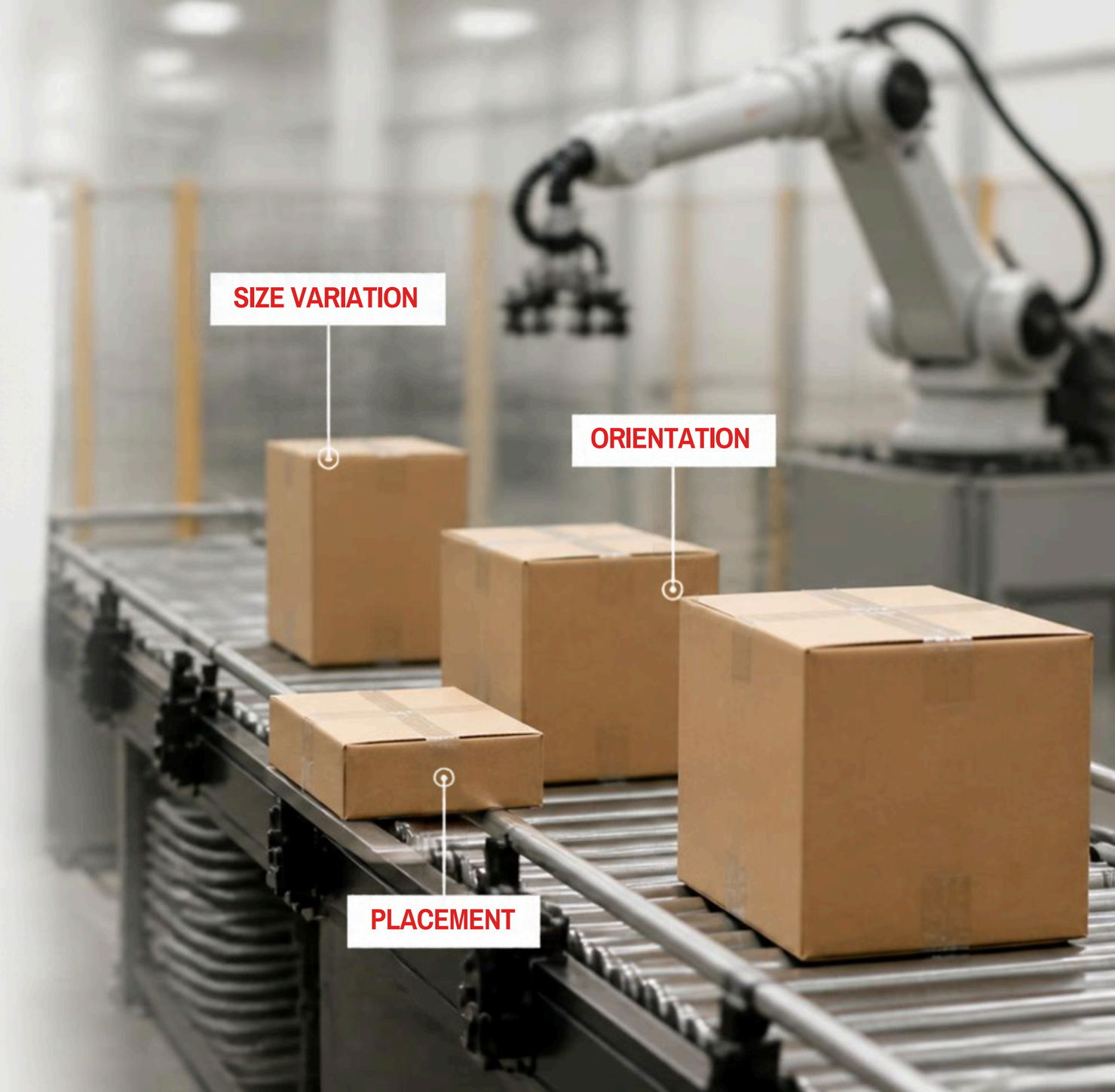
Changes for the Better

WHY DOES PACKAGING CONSISTENCY MATTER IN ROBOTIC AUTOMATION?

Reliable robotic performance depends on predictable carton dimensions, orientation, and placement

- Cartons arrive in different sizes or orientations
- Packages are misaligned on the conveyor
- Gripping positions vary between packages
- Unpredictable presentation interrupts smooth handling

Reliable robotic handling starts with consistent package presentation and automation planning.



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HOW CAN END OF LINE ROBOTS HANDLE PACKAGING VARIATIONS?

End of line robots can improve packaging consistency by adapting gripping, positioning, and handling to expected carton variations.

- **Package Alignment:** Position cartons consistently on conveyors.
- **Suitable Grippers:** Match tooling to carton size and weight.
- **Position Detection:** Identify carton location and orientation.
- **Flexible Programming:** Accommodate different package dimensions.
- **Handling Validation:** Test grip stability and placement accuracy.

End of line robots, combined with tooling, positioning, and sensing, deliver **consistent results** every time.



01 ALIGN
Standardize package flow with guides and stops

02 GRIP
Use the right end effector for a secure hold

03 PLACE
Accurately position every package

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EXPLORE INDUSTRIAL AUTOMATION SOLUTIONS

WITH MITSUBISHI ELECTRIC

Partner with Mitsubishi Electric to improve packaging consistency and robotic handling reliability.

Our automation solutions deliver predictable, coordinated manufacturing from start to finish.

Let’s create smarter, more consistent automation — together.

LET’S BUILD WHAT’S NEXT

Connect with our experts to discover automation solutions that drive consistent performance.

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