

OMRON

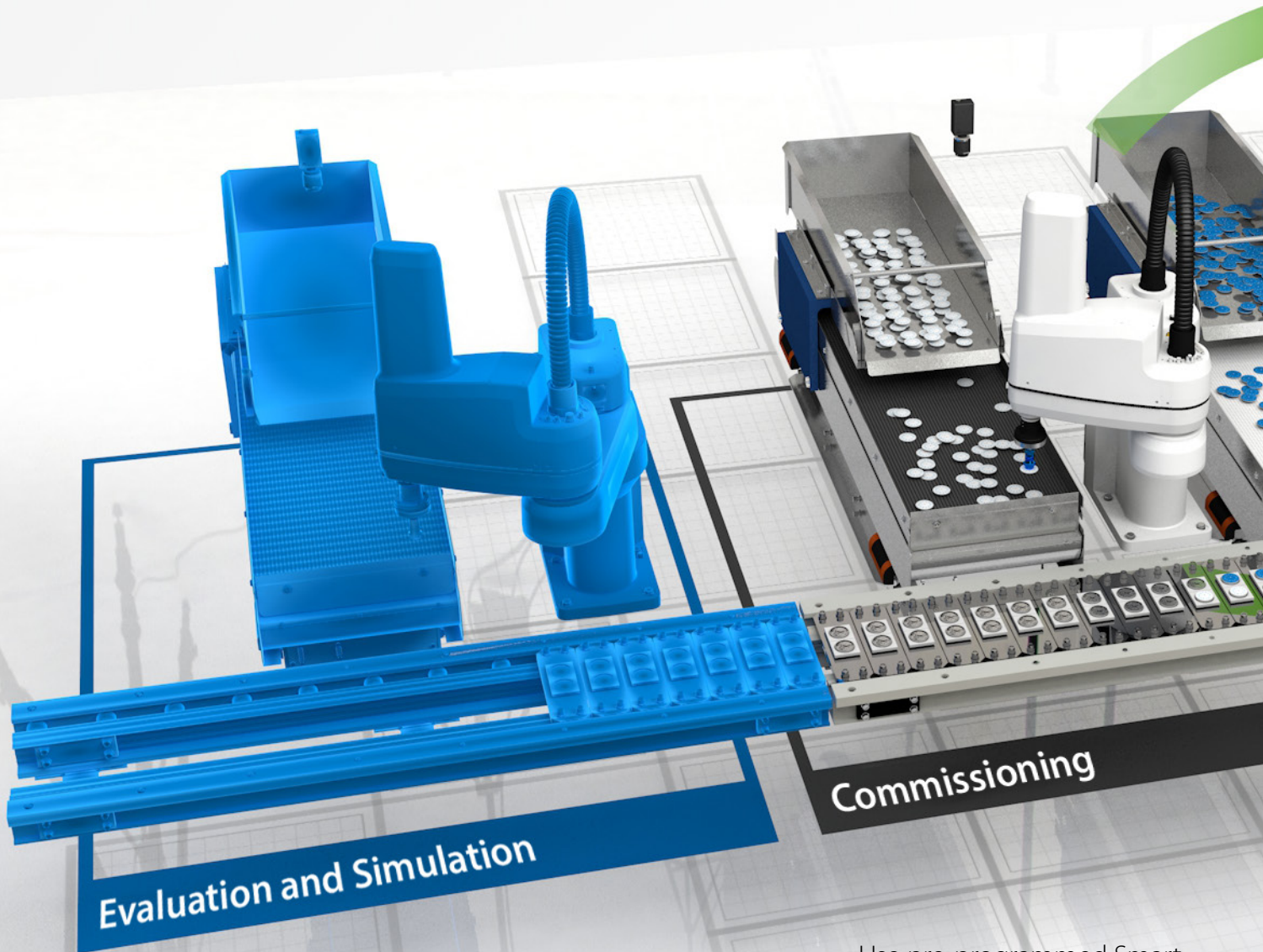


AnyFeeder Solution

COMPLETE FLEXIBLE FEEDING SYSTEM

Faster Setup, Rapid Changeovers

With intelligent software and fully integrated components, **Omron AnyFeeder Solution** is designed to help you move faster in every stage of the process, from evaluation through operation.



ACE Sight software provides easy integration of AnyFeeder, vision and all Omron robots

Complete your feasibility in mere hours

Re-use all emulation and simulation programming for commissioning

Commissioning

Use pre-programmed Smart Commands to control the AnyFeeder unit

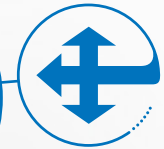
Automatic calibration between vision, robots and conveyors

Vision



Optimized to **work together**

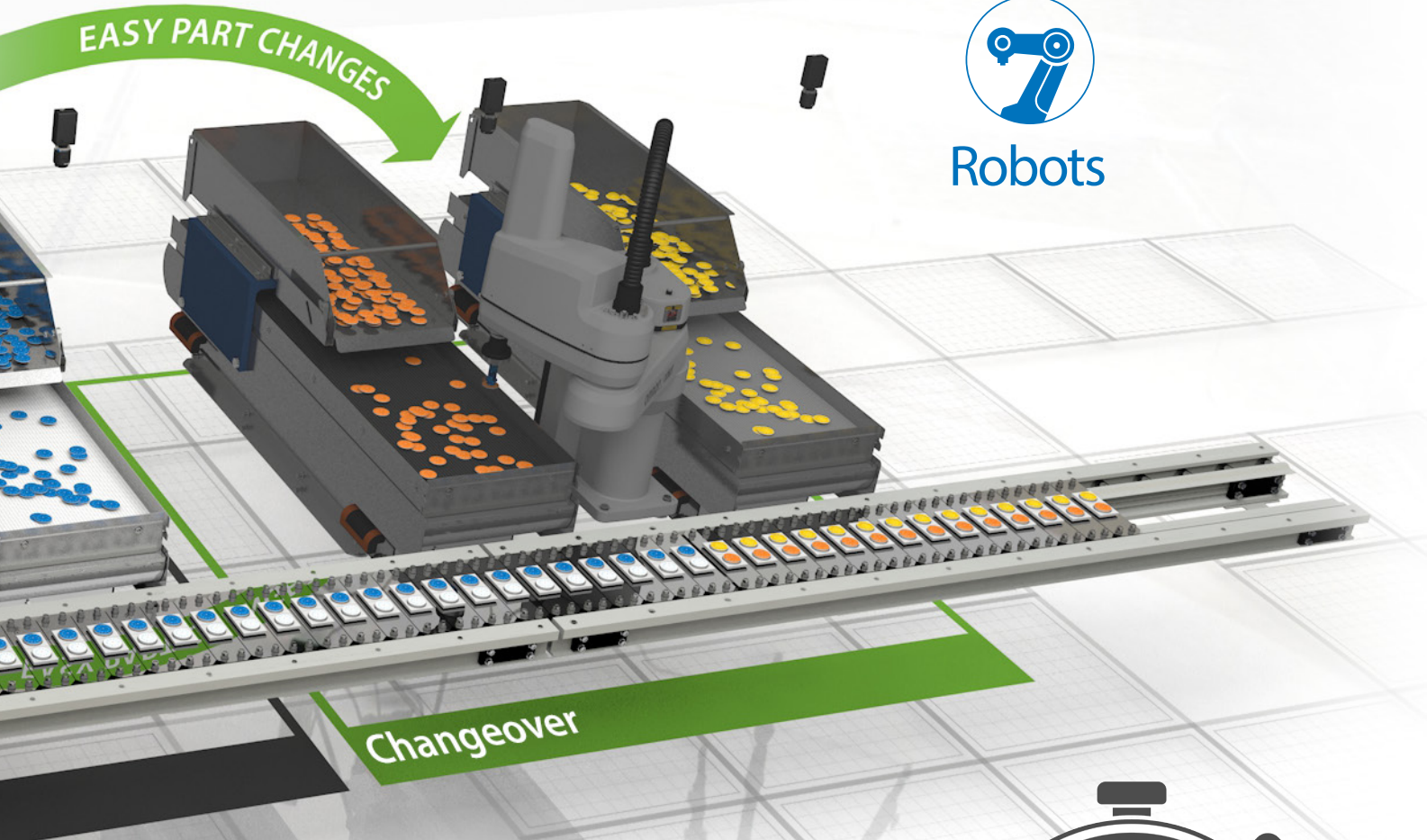
UNDER A SINGLE POINT OF CONTROL



Motion



Robots



Get up and running fast with wizard-based setup

Switch between emulation and production modes for easier troubleshooting

Seamless, software-based product changeovers in minutes

Recipe Manager simplifies training and operations



Save **time** and **money** across the entire process

FROM DESIGN TO IMPLEMENTATION TO PRODUCT CHANGEOVERS

Wide Range of Applications

The Omron AnyFeeder Solution is ideal for applications featuring varied parts and frequent changeovers.



Automotive



Electronics



Medical

Integrated, Smart Feeding Solution

Omron **AnyFeeder Solution** combines vision and robotics with our powerful **ACE Sight software** to deliver a complete system for flexible bulk part feeding.

It's a single solution to manage a vast range of part types, and give you the power to make **frequent and easy product changeovers**.

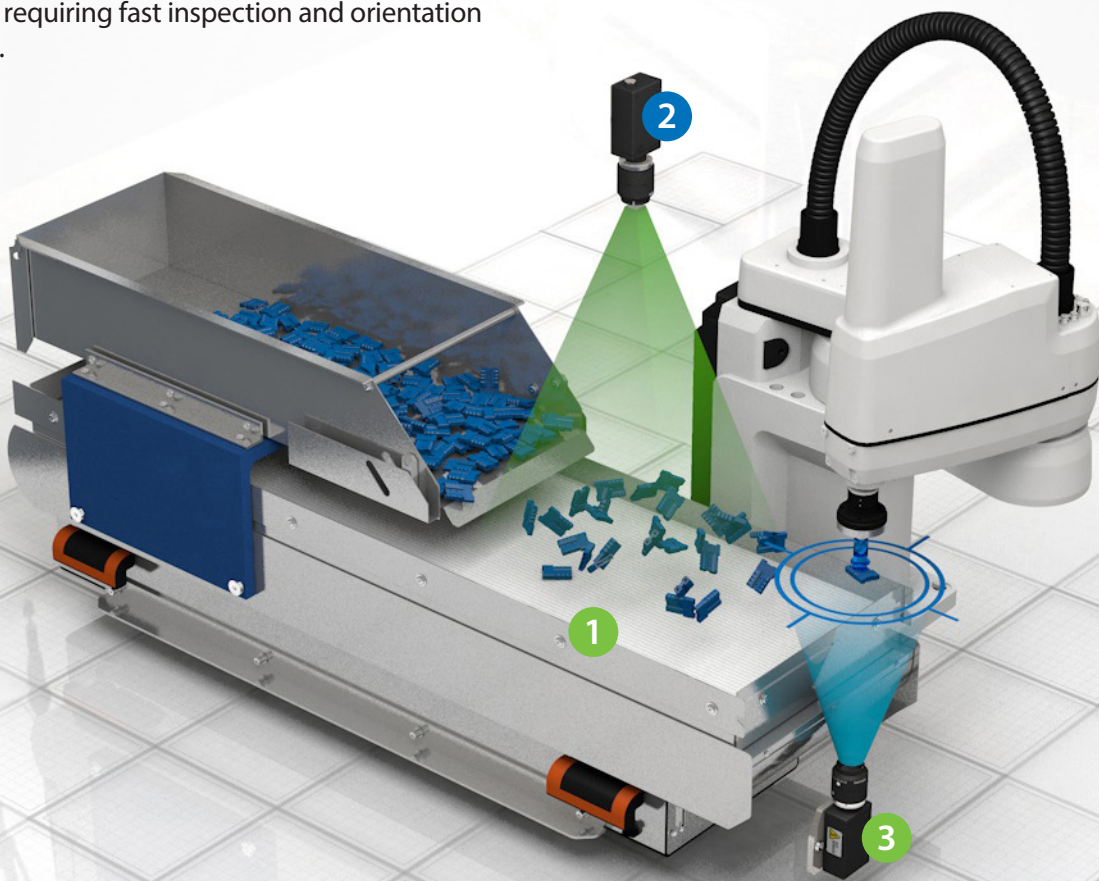
Perfect **Vision**

Visual part recognition frees you from the limits of mechanical feeding, speeding up configuration and eliminating the need for manual feeder calibration.

Integrated vision architecture allows for high-speed latching of robot positions and a reduction in cycle time for products requiring fast inspection and orientation after pick up.

Unmatched **Versatility**

One AnyFeeder can replace several conventional feeders on your line



1 REARRANGE

Automatically flips/shakes parts to separate and position them

2 RECOGNIZE

Identifies part position and orientation for picking

3 REFINE

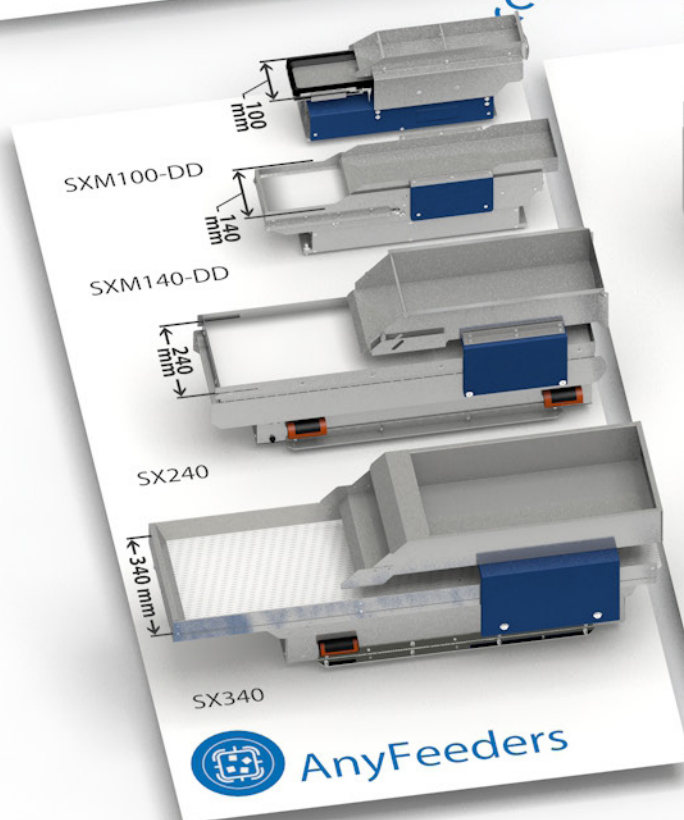
The integrated vision refinement on the fly feature allows for visual verification of parts, increasing placement accuracy to within 17 microns.

One Company, Complete Solution

Omron products make it easy to automate. Each of our components work together out-of-the-box, and combined with the powerful ACE software they become a fully-integrated system that can be customized to your application.



ACE Software  Control



 Robots

Global Collaborative Network

Robotics Expertise and Machine Automation Support provided by a **unique global team.**



40 COUNTRIES

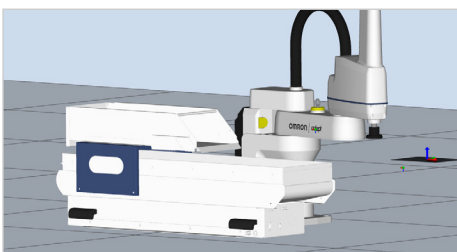
150 LOCATIONS

3000 APPLICATION ENGINEERS

Planning.
Implementation.
Support.

Omron is ready to help you every step of the way, anywhere in the world.

Give us a call. Our expert feasibility study will help you configure the right solution for your application.



Emulated Proof of Concept



Real Feasibility Study



Onsite Support



The complete solution for factory automation and machine control

Over 200,000 products available



Control

- Machine controller, HMI and I/O
- Direct database connection for IIoT applications



Robots

- Parallel, SCARA and articulated robots
- Easy to use software to automatically generate code
- ePLC program the robot using common PLC language



Vision and measurement

- Quality control and inspection
- Product position and orientation detection for pick and place applications



Motion

- Rotary and linear servo motors
- Frequency inverters



Safety

- Complete safety lineup
- Light curtains, laser scanners, e-stop, door switches, safety mats and programmable safety controllers



Sensing

- Photoelectric, inductive, rotary encoder, mark and color, fiber optic and mechanical sensors

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