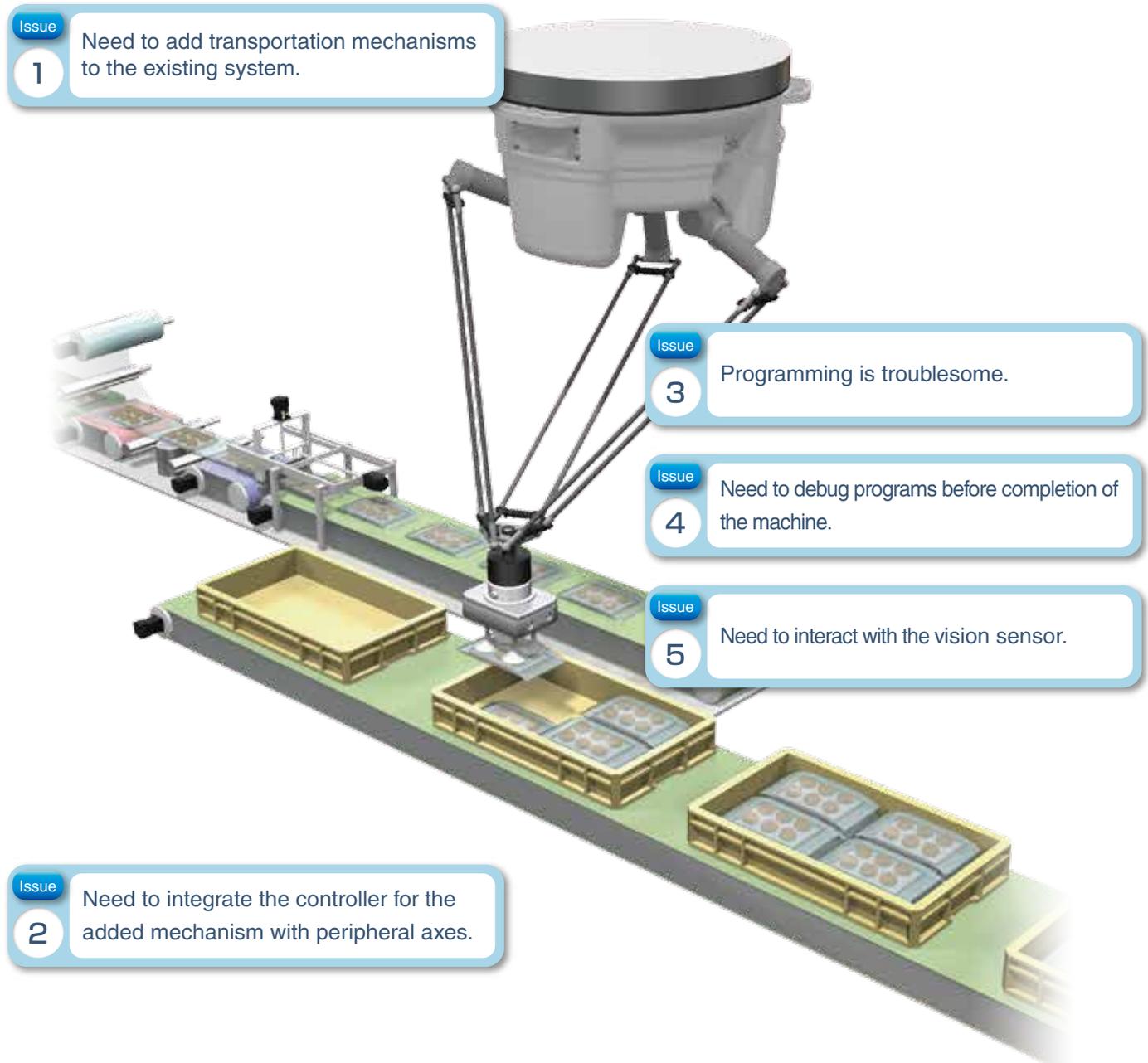**MITSUBISHI ELECTRIC**
Changes for the Better

FA Application Package
iQ Monozukuri HANDLING

iQ Monozukuri

Strongly supporting development of transportation mechanisms with calculation of coordinate transformation

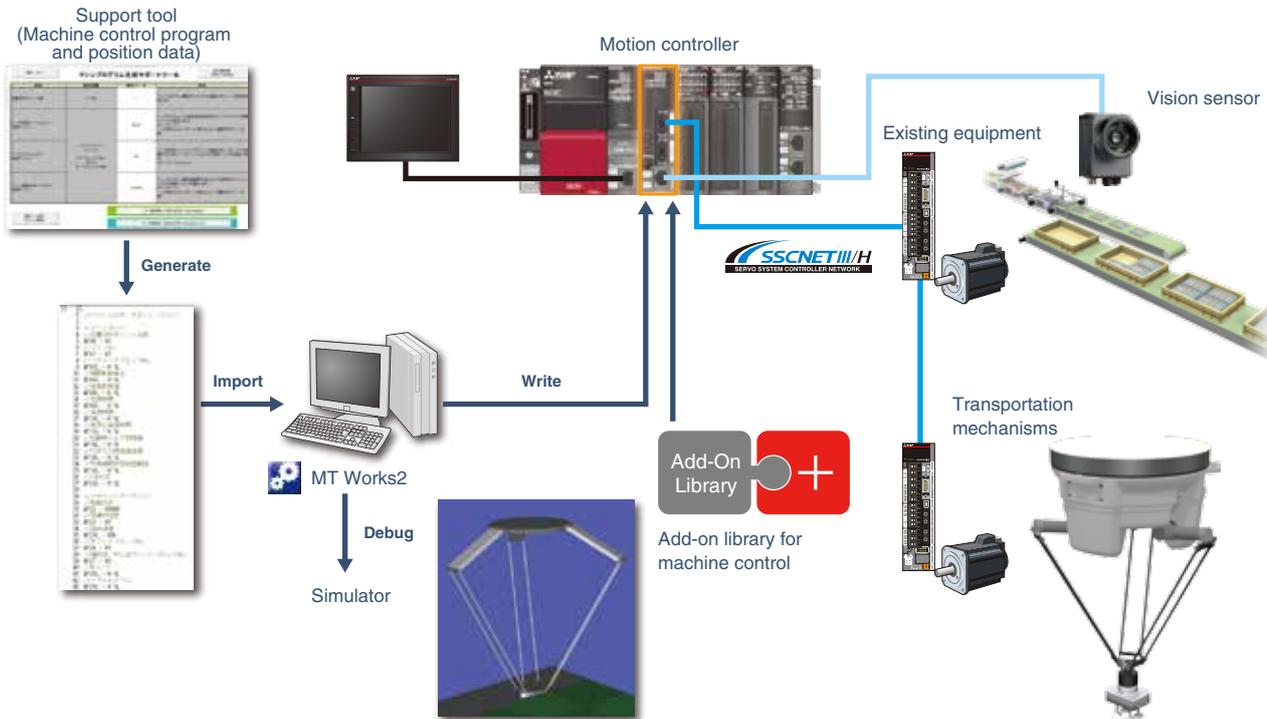## Various functions speed up and facilitate system development.

Issue 1 Need to add transportation mechanisms to the existing system.

Issue 3 Programming is troublesome.

Issue 4 Need to debug programs before completion of the machine.

Issue 5 Need to interact with the vision sensor.

Issue 2 Need to integrate the controller for the added mechanism with peripheral axes.

iQ Monozukuri HANDLING solves these issues!

Transportation processes can be easily added!

iQ Monozukuri

1	Need to add transportation mechanisms to the existing system.	**Necessary functions for transportation mechanisms can be added by the add-on library of the motion controller.**
2	Need to integrate the controller for the added mechanism with peripheral axes.	**The motion controller of existing equipment can be used to save costs.**
3	Programming is troublesome.	**Programming time is reduced by importing output results of the support tool.**
4	Need to debug programs before completion of the machine.	**With the machine control simulator, program operation can be checked. Debugging time is reduced.**
5	Need to interact with the vision sensor.	**The program example for Vision Tracking is provided in conjunction with the machine program.**

System Configuration

Support tool
(Machine control program
and position data)

Motion controller

Vision sensor

Existing equipment

Generate

SSCNET III/H
SERVO SYSTEM CONTROLLER NETWORK

Import

Write

Transportation mechanisms

MT Works2

Add-On Library +

Debug

Add-on library for machine control

Simulator

Products in the iQ Monozukuri HANDLING package (AP20-HDL001AA-M□)

HANDLING package DVD (add-on library for the iQ-R motion controller, GOT screen examples, program examples, manuals, Positioning Point Setting Support Tool, and Machine Program Generation Tool) and a license certificate

New publication, effective in May 2018.
Specifications are subject to change without notice.