for a greener tomorrow

MITSUBISHI ELECTRIC
Changes for the Better

FA Application Package
iQ Monozukuri PACKAGING

iQ Monozukuri

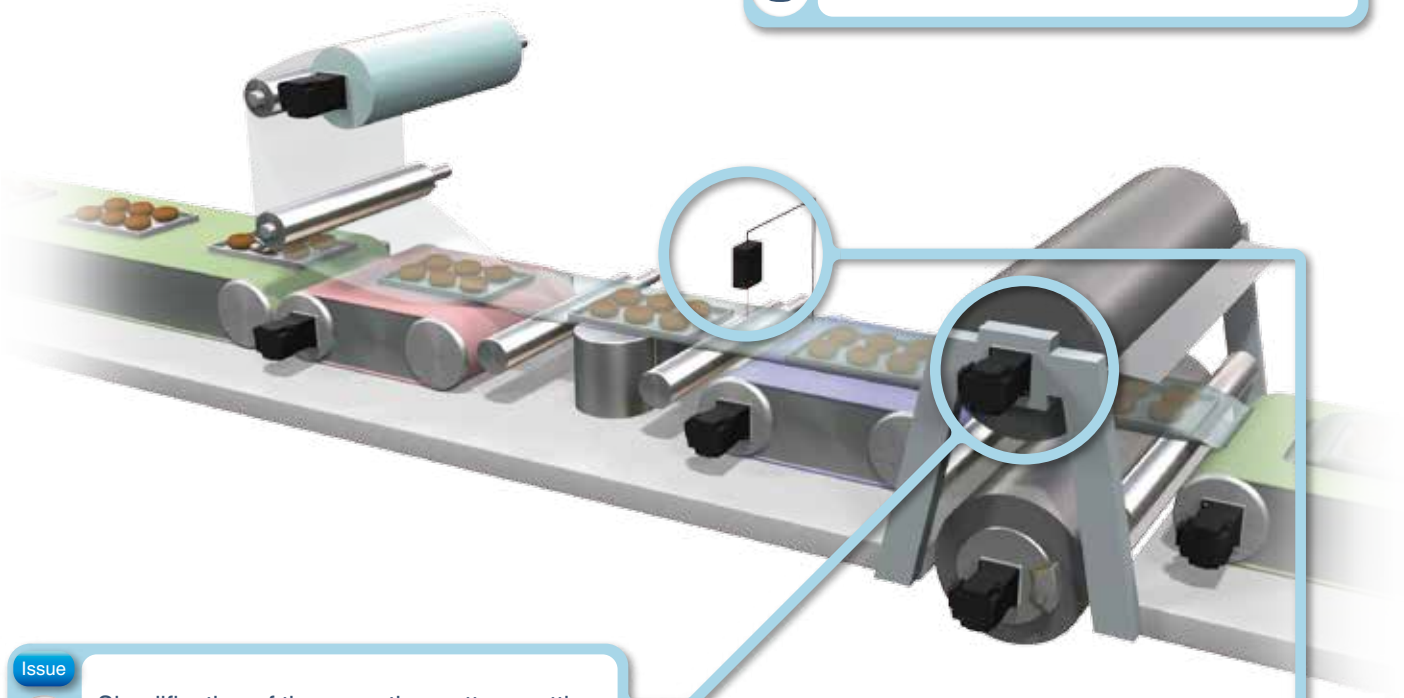
Strongly supporting development of packaging machines with cam control and positioning compensation

Various functions speed up and facilitate system development.

Issue 1 Reduction of development time.

Issue 2 Standardization of programs for different machines.

Issue 3 Reduction of down-time due to program maintenance.



Issue 4 Simplification of the operation pattern setting.

Issue 5 It is difficult to make cams suitable for each mechanism.

Issue 6 Simplification of positioning compensation.

iQ Monozukuri PACKAGING solves the issues!

Issues with packaging machines can be solved!

iQ Monozukuri

1 Reduction of development time.	Function blocks improve quality and reduce programming man-hours.
2 Standardization of programs for different machines.	Structured program with high reusability.
3 Reduction of down-time due to program maintenance.	The GOT screen allows users to set necessary items without a personal computer.
4 Simplification of the operation pattern setting.	Cam auto-generation eliminates difficult calculations.
5 It is difficult to make cams suitable for each mechanism.	
6 Simplification of positioning compensation.	Users only have to arrange the function blocks to compensate the position.

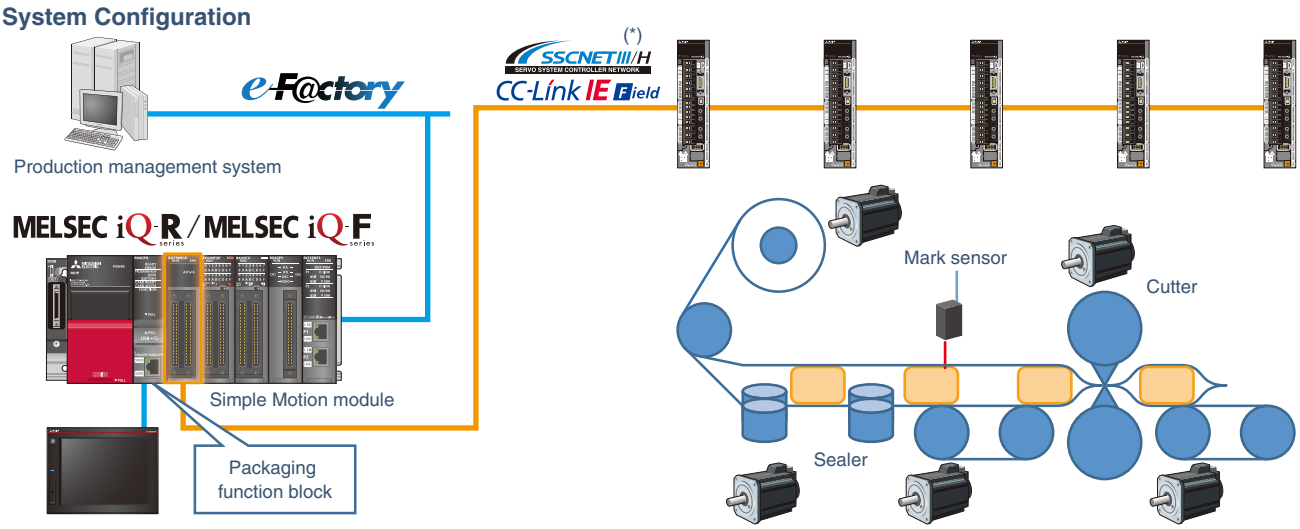
Function block library (excerpt)

Item	Description
Cam auto-generation	Rotary cutter cam Box motion cam(*) Flying shear cam Long dwell D-cam Cam data reading

Item	Description
Compensation function	Mark detection data read Auto deviation calculation Auxiliary axis compensation

(*)Only the MELSEC iQ-R series Simple Motion Module is supported.

System Configuration



(*)For the MELSEC iQ-F series, the network supports SSCNETIII/H only.

Products in the iQ Monozukuri PACKAGING package (AP20-PAC002AA-M□, AP20-PAC004AA-M□)

PACKAGING package DVD (a function block library, GOT screen examples, program examples, and manuals) and a license

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