

Mitsubishi Electric Corporation **Industrial-Collaborative** Robot

MELFA Technical News

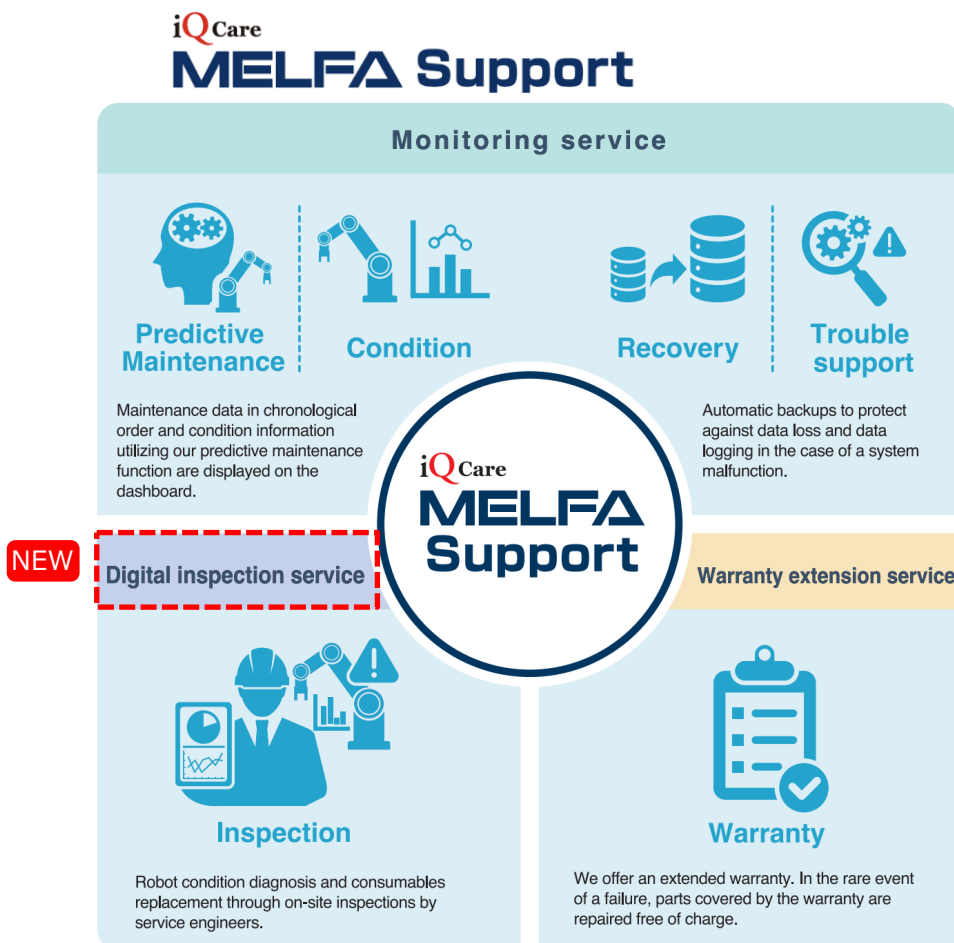
BFP-A6079-0348E

Jan. 2024

Subject: Notification of Robot Support Services [iQ Care MELFA Support]
Digital inspection service release

Applicable to: Industrial robot 「MELFA FR/CR series 」
Collaborative robot 「MELFA ASSISTA series」

Thank you for your continued support of Mitsubishi Electric industrial robot “MELFA”.
The contents of the inspection service in Robot Support Services [iQ Care MELFA Support] has been renewed. By digitizing the inspection services, the service performance has been improved drastically.
※Target area: Japan, China, Taiwan, Thailand

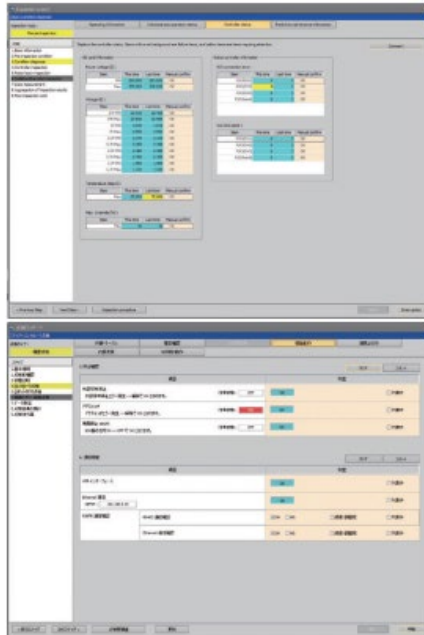


In addition to the conventional inspection service by service engineers, a digital inspection service linked to product software and measuring instruments has been released.

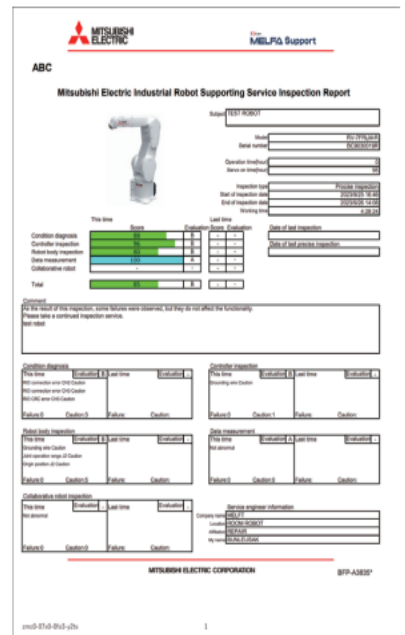
By promoting digitalization, such as [New item inspection], [Partially automated decision-making] and [creation of condition reports], more advanced inspection services that lead to more efficient inspections and preventive maintenance can be realized.



New item inspection



Partially automated decision-making



Condition report

1, Features of Digital Inspection Service

Quantitative judgement using measuring instruments

General inspection



Mainly consists of sensory assessments by a service engineer.

iQ Care MELFA Support Inspection Service



Using measuring instruments to perform quantitative measurements allows you to determine the system condition without having to rely on the skill of the engineer.

Improved quality of service inspections

Linking the robot software with our inspection service

General inspection



Low efficiency as various items need to be inspected visually and manually.

iQ Care MELFA Support Inspection Service



Linking the inspection service to the dedicated software package allows for inspections that are faster and more efficient than traditional techniques.

Shortened inspection time

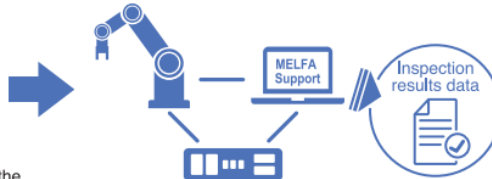
Accumulation of various chronological and inspection data

General inspection



Inspection and recording errors occur due to the visual and manual inspection.

iQ Care MELFA Support Inspection Service



Automatic data entry improves efficiency and prevents errors.

Improved failure analysis accuracy

2, Product information

iQ Care MELFA Support <Japanese text only> :

<https://www.mitsubishielectric.co.jp/fa/products/rbt/robot/pmerit/melfasupport/index.html>