

Report of MELSOFT RT ToolBox3 Ver. 2.70Y release

■ Date of issue

February 2026

■ Applicable models

MELFA ASSISTA/FR/CR/F/SQ/SD/S series

Thank you for your continued support of Mitsubishi Electric industrial robot "MELFA". This technical news describes the new version 2.70Y of RT ToolBox3.

1 Changes of the supported operating system

Microsoft has announced that support for Windows® 10 would end on October 14, 2025. As a result, security updates and technical support will no longer be provided, making it difficult to ensure the stability and security of products operating in Windows® 10 environments.

To ensure security and improve functionality, the supported operating system will be changed as follows.

- Previous support: Windows® 10/Windows® 11
- New support: Only Windows® 11

2 Added models

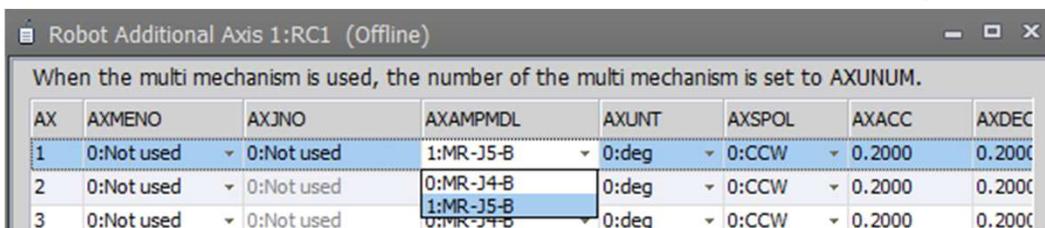
The following models have been added.
RV-20FRL-D-SC77/RV-20FRL-R-SC77

These models do not support the MELFA-Works function of RT ToolBox3 Pro.

3 Robot additional axis parameter supports MR-J5-B

With CR800 series controllers Ver. E4 or later, the MR-J4-B / MR-J5-B servo amplifiers can be selected.

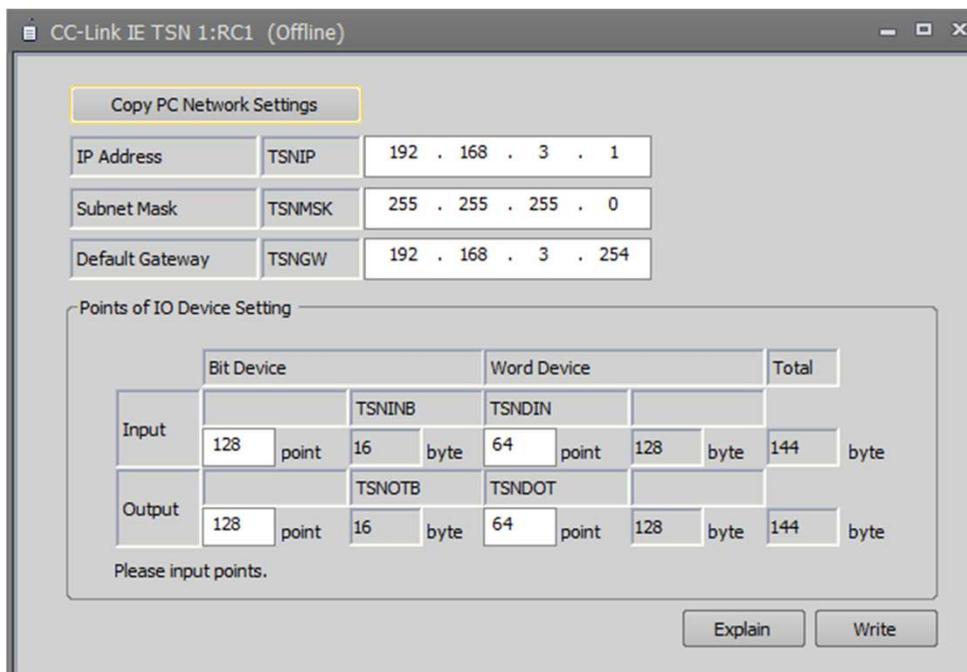
When MR-J5-B is selected, the torque limitation rate can be configured.



AX	AXMENO	AXJNO	AXAMPMDL	AXUNT	AXSPOL	AXACC	AXDEC
1	0:Not used	0:Not used	1:MR-J5-B	0:deg	0:CCW	0.2000	0.2000
2	0:Not used	0:Not used	0:MR-J4-B	0:deg	0:CCW	0.2000	0.2000
3	0:Not used	0:Not used	1:MR-J5-B	0:deg	0:CCW	0.2000	0.2000

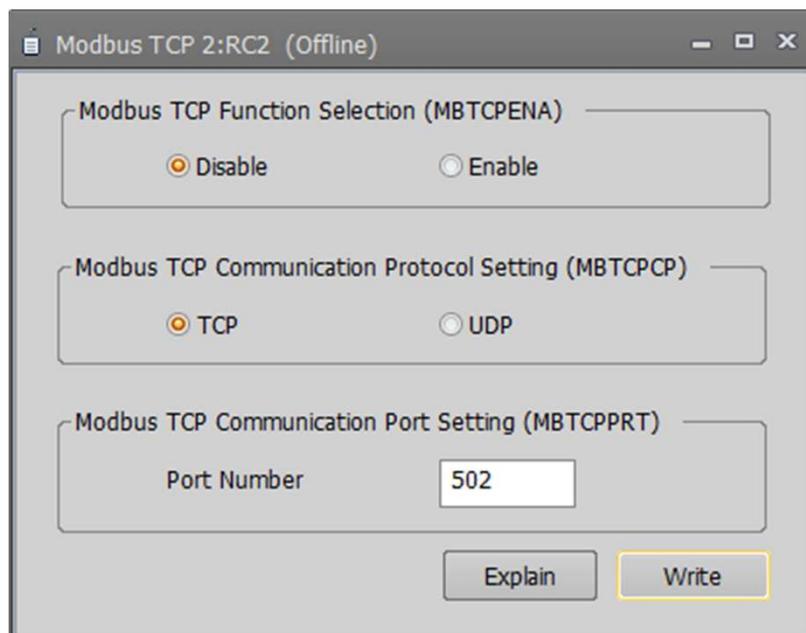
4 Added the CC-Link IE TSN parameter screen

The CC-Link IE TSN parameter screen has been added.
 This function is available in CR800-D series robot controller software Ver. E4 or later.



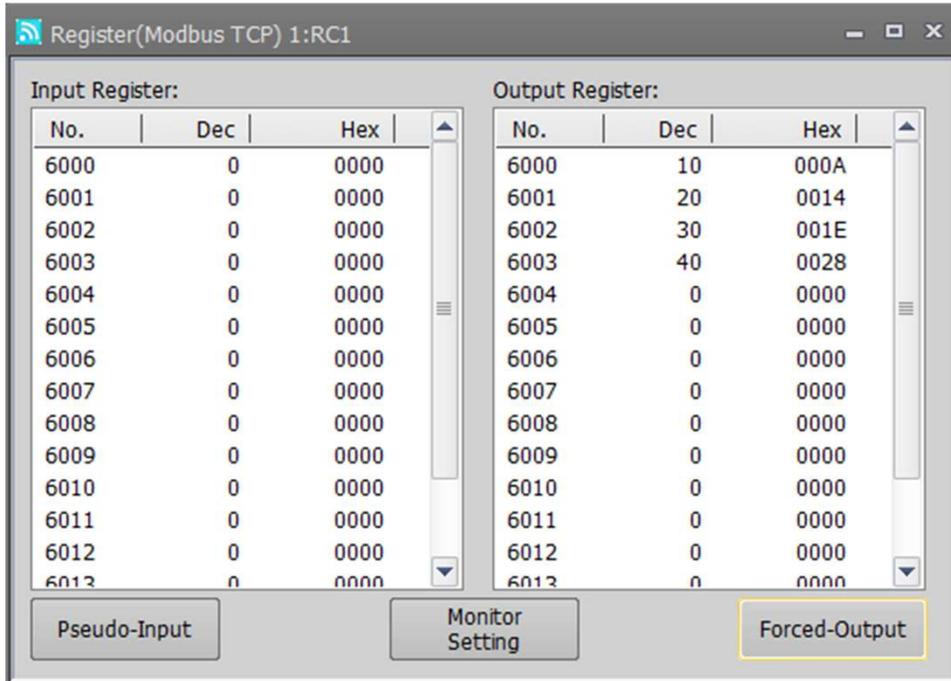
5 Added the Modbus TCP parameter screen

The Modbus TCP parameter screen has been added.
 This function is available in CR800 series robot controller software Ver. E4 or later.



6 Register monitor supports Modbus TCP

The ability to view and modify Modbus TCP register values has been added to the Register monitor screen.



7 Command Help Update

Updated Japanese and English command help for program editor to the latest version.