

Sales and Service

License Change of Motion Control Software SWM-G

Thank you for your continued patronage of the Mitsubishi Electric AC servo system. With the upgrade of Motion Control Software SWM-G to version "1.100A", the license will be changed as follows.

1. Target Model

Table 1. Models subject to the license change

Product name	Model
USB key for Motion Control Software	MR-SWMG16-U, MR-SWMG32-U, MR-SWMG64-U, MR-SWMG128-U
	MR-SWMG16N1-U, MR-SWMG32N1-U, MR-SWMG64N1-U, MR-SWMG128N1-U

2. Reason for the Change

To upgrade RTOS (RTX64), which is included with Motion Control Software SWM-G, from version 3.7 to 4.3 in accordance with the functional upgrade of Motion Control Software SWM-G. Version 1.100A is backward compatible to the former versions, and thus existing program assets of Motion Control Software SWM-G can be reused.

3. Details of the Change

The license written to the USB key will be changed. Note that certain combinations of the SWM-G version and the new/former licenses are incompatible and cannot be used. There will be no change in the appearance of the USB key.

Table 2. Compatibility between SWM-G and the licenses

○: Compatible ×: Not compatible

License	Version of SWM-G	
	"1.006G" or earlier	"1.100A" or later
Former license	○	×
New license	×	○

4. Schedule

This change will be made from the September 2024 production. If the new license is required, please place your order in September 2024 or later.

5. Handling of the Former License

Production of the former license will be discontinued from September 2024, and thus will not be available for purchase.

Date of issue	June 2024 (Revision: September 2024)	Title	License Change of Motion Control Software SWM-G	Mitsubishi Electric Corp., Nagoya Works 1-14, Yada-minami 5-chome, Higashi-ku, Nagoya 461-8670 Tel.: +81 (52) 721-2111 Main line
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6. How to Upgrade Motion Control Software SWM-G

Contact your local sales office on how to upgrade Motion Control Software SWM-G.

7. List of the Operating Environment

Table 3. List of the operating environment

Item		Version 1.006G or earlier of SWM-G	Version 1.100A or later of SWM-G
CPU		Intel® Atom (2 GHz, 2Core) or more required Intel® 10th Generation CPU or lower	Intel® Atom (2 GHz, 2Core) or more required Intel® 13th Generation CPU or lower
OS		Windows® 10 (Pro, Enterprise, IoT Enterprise LTSC) (64-bit)	Windows® 10 (Pro, Enterprise, IoT Enterprise LTSC) (64-bit) Windows® 11 (Pro, Enterprise, IoT Enterprise) (64-bit)
NIC	CC-link IE TSN	Intel® I210 (Vendor ID: 0x8086, Device ID: 0X1533) Intel® I350 (Vendor ID: 0x8086, Device ID: 0X1521) Intel® I211-AT (Vendor ID: 0x8086, Device ID: 0X1539)	Intel® I210 (Vendor ID: 0x8086, Device ID: 0X1533) Intel® I350 (Vendor ID: 0x8086, Device ID: 0X1521) Intel® I211-AT (Vendor ID: 0x8086, Device ID: 0X1539) Intel® I225 (Vendor ID: 0x8086, Device ID: 0X15F2) Intel® I226 (Vendor ID: 0x8086, Device ID: 0X125B) and others
	EtherCAT®	Intel® I210 (Vendor ID: 0x8086, Device ID: 0X1533) Intel® I350 (Vendor ID: 0x8086, Device ID: 0X1521) Intel® I211-AT (Vendor ID: 0x8086, Device ID: 0X1539) Intel® I217LM (Vendor ID: 0x8086, Device ID: 0X153A) Intel® I218V (Vendor ID: 0x8086, Device ID: 0X15A1) Intel® I219 (Vendor ID: 0x8086, Device ID: 0X15B8) Realtek® 8168/8111 (Vendor ID: 0x10EC, Device ID: 0x8168) and others	Intel® I210 (Vendor ID: 0x8086, Device ID: 0X1533) Intel® I350 (Vendor ID: 0x8086, Device ID: 0X1521) Intel® I211-AT (Vendor ID: 0x8086, Device ID: 0X1539) Intel® I217LM (Vendor ID: 0x8086, Device ID: 0X153A) Intel® I218V (Vendor ID: 0x8086, Device ID: 0X15A1) Intel® I219 (Vendor ID: 0x8086, Device ID: 0X15B8) Realtek® 8168/8111 (Vendor ID: 0x10EC, Device ID: 0x8168) Intel® I225 (Vendor ID: 0x8086, Device ID: 0X15F2) Intel® I226 (Vendor ID: 0x8086, Device ID: 0X125B) and others

8. How to Distinguish between the Former and the New Licenses

There are two methods to distinguish between the former and the new licenses:

- by checking the packaging box
- by checking the USB key itself

(1) Distinguishing the former and the new licenses by checking the packaging box

If the production date indicated on the packaging box is "2024/9" or later, the new license is written to the USB key.

■ Location of the production date indicated on the USB key packaging box

Example: A license produced on June 26, 2023

Production date: 2023/6/26

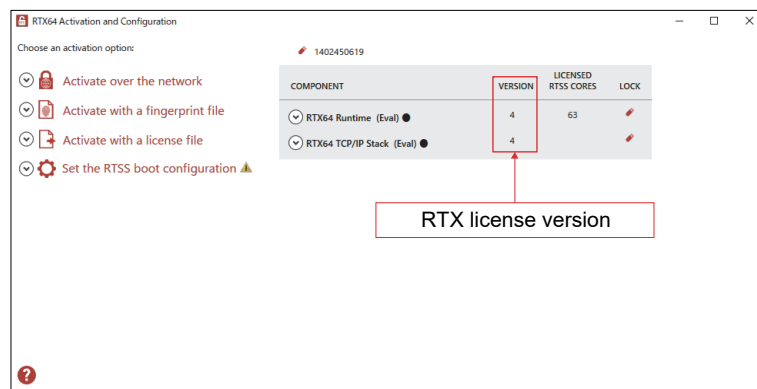


- (2) Distinguishing the former and the new licenses by checking the USB key itself
 The license written to the USB key cannot be identified from its appearance.
 In case the new and the former USB keys are mixed, the license can be confirmed by the computer on which SWM-G is installed.

The procedure for confirming the RTX license version is shown below.

- (a) Insert the USB key into the computer on which SWM-G (with any version) is installed.
- (b) Activate "Activation and Configuration" from the RTX64 menu on the taskbar.
- (c) Confirm the RTX license version written to the USB key.

RTX license version	Description
3	License for RTX64 version 3.7 The USB key can be used in SWM-G with version 1.006G or earlier.
4	License for RTX64 version 4.3 The USB key can be used in SWM-G with version 1.100A or later.



Revision

Version	Date of issue	Revision
A	September 2024	<p>Revised the description of "2. Reason for the Change" and "4. Schedule".</p> <p>Added the description of "5. Handling of the Former License" and "6. How to Upgrade Motion Control Software SWM-G".</p> <p>Added the description of "Distinguishing the former and the new licenses by checking the USB key itself" to "8. How to Distinguish Between the Former and the New Licenses".</p> <p>Changed the description of "Distinguishing the former and the new licenses by checking the packaging box" in "8. How to Distinguish Between the Former and the New Licenses" from "Serial No." to "production date".</p> <p>Changed the schedule from September 26, 2024 to September 2024.</p>

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