


MX Component Version 5

Installation Instructions

Before Using the Product

Please read this document before use. Keep the document in a safe place for future reference. Make sure that the end users read the document.

For the precautions on using MX Component, refer to the following manual.

 MX Component Version 5 Reference Manual [SH-082395ENG]

Notice

- Reprinting or reproducing the part or all of the contents of this document in any form for any purpose without the permission of Mitsubishi Electric Corporation is strictly forbidden.
- Although we have made the utmost effort to follow the revisions of the software and hardware, in some cases, unsynchronized matter may occur.
- The information in this document may be subject to change without notice.

Operating Environment

Item	Contents	
Personal computer	A personal computer on which Microsoft® Windows® operates	
CPU	Windows 11	2 or more cores on a compatible 64-bit processor or System on a Chip (SoC)
	Windows 10	Processor 1.6 GHz with 2 or more cores
Required memory	Windows 11	Recommended 4 GB or more
	Windows 10	Recommended 2 GB or more
Available hard disk capacity	For installation: 2.5 GB or more free hard disk capacity For operation: 512 MB or more free virtual memory capacity	
Monitor	Windows 11	Resolution WXGA (1280 × 720 pixels) or higher
	Windows 10	Resolution 1024 × 768 pixels or higher
OS (English version) (32-bit/64-bit)	<ul style="list-style-type: none"> • Windows 11 (Home, Pro, Enterprise, Education)^{*1} • Windows 10 (Home, Pro, Enterprise, Education, IoT Enterprise 2016 LTSB¹, IoT Enterprise 2019 LTSC¹) 	
	Development environment	
Programming language ^{2,3} (English version) (32-bit/64-bit)	Visual Basic.Net	<ul style="list-style-type: none"> • Microsoft Visual Studio® 2019 • Microsoft Visual Studio 2022
	Visual C#	<ul style="list-style-type: none"> • Microsoft Visual Studio 2019 • Microsoft Visual Studio 2022
	Visual C++	<ul style="list-style-type: none"> • Microsoft Visual Studio 2019 • Microsoft Visual Studio 2022
	VBA	<ul style="list-style-type: none"> • Microsoft Excel® 2019 • Microsoft Excel 2021⁵ • Microsoft Excel for Microsoft 365¹¹⁶ • Microsoft Access® 2019 • Microsoft Access 2021⁵ • Microsoft Access for Microsoft 365¹¹⁶
Framework ⁴	<ul style="list-style-type: none"> • .NET Framework 3.5/4.5.2/4.6/4.6.1/4.6.2/4.7/4.7.1/4.7.2/4.8 	

*1 64-bit version only

*2 User programs created in the English environment are applicable to the English environment only, cannot be used in the other environment.

*3 Visual C++ and VBA do not support access with labels.

*4 .Net Core and .Net 5 are not supported.

*5 The operation of this product has been confirmed with the version 2206 (Build 15330.20196). This product does not run with a version earlier than this version.

*6 The operation of this product has been confirmed with the version 2201 (Build 14827.20192). This product does not run with a version earlier than this version.

- .NET Framework 3.5 (including .NET 2.0 and 3.0), .NET Framework 4.6 Advanced Services, and .NET Framework 4.8 Advanced Services need to be enabled. For details, refer to TECHNICAL BULLETIN No. FA-A-0207.
- When the following functions are used, this product may not run properly.
 - Application start-up in Windows compatibility mode
 - Fast user switching
 - Remote desktop
 - Touch function
 - Virtual environment such as Client Hyper-V
 - Tablet mode
 - Virtual Desktops
 - Windows Hibernate and Standby
 - Unified Write Filter
 - Text cursor indicator
- In the following cases, the screen of this product may not work properly.
 - The size of the text and other items on the screen is other than 100% (96 DPI, 9 pt etc.).
 - The resolution of the screen is changed in operation.
 - Windows theme is changed in operation.
 - The multi-display is set.
- If the Windows firewall setting is enabled, the "Find Module function" and "Direct connection function" may not operate correctly. Disable the Windows firewall setting.
- In this product, the period (.) is used as the symbol of the decimal point. Regardless of the setting of "Decimal symbol" on the control panel, use the period when entering the decimal point.
- A communication error may occur when communicating with the programmable controller CPU after setting the resume function, suspend setting, power-saving function, and/or standby mode of the personal computer. Therefore, when communicating with the programmable controller CPU, do not set the above functions.
- Surrogate pair characters and environment dependent characters are not available in MX Component utilities.
- MX Component cannot be used from Windows service applications.

Installation

Confirm before installation

- Log on to the personal computer as an administrator.
- Close all running applications before installation. If the product is installed while other applications are running, it may not operate normally.
- Install this product to a folder to which the administrator authority is given. The default installation folder is recommended to enhance the security.

Procedure

1. Insert the MX Component DVD to the DVD drive. Double-click "setup.exe" on the DVD.
2. Select or enter the necessary information by following the on-screen instructions.^{*1}

*1 Product ID is written on the "License certificate" included with the product. Enter the 12-digit number divided into 3 and 9 digits.

Packing List

Model name	Product name	Quantity
SW5DND-ACT-E (English version package) (Standard license product)	MX Component DVD	1
	Installation Instructions (This document)	1
	License certificate	1
	Software registration notice	1
	End-user software license agreement	1
SW5DND-ACT-EA (English version package) (Volume license product)	MX Component DVD	1
	Installation Instructions (This document)	1
	License certificate	n ^{*1}
	Software registration notice	1
	End-user software license agreement	1
SW5DND-ACT-EAZ (English version package) (Additional license product)	License certificate	n ^{*1}
	Software registration notice	1
	End-user software license agreement	1

*1 Number of licenses

Acknowledgements

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- This software's copyright is owned by Mitsubishi Electric Corporation.
- This product (including manual) can be used under the Software License Agreement only.
- We do not take any responsibilities for the consequences of operating this product (including manual).

Uninstallation

Uninstall MX Component from the control panel of Windows.

Installation of USB driver

In order to communicate with a CPU module via USB, a USB driver needs to be installed. When a CPU module can not communicate via USB, refer to the following manual to install a USB driver.

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