
CS+ Integrated Development Environment Package V8.12.00

R20UT5515EJ0100
Rev.1.00
Jun 01, 2024

Release Note

Thank you for using the CS+ integrated development environment.

This document describes restrictions on and points for caution regarding the CS+ package. Read this document before using the package.

This document applies to the following products:

- CS+ V8.12.00
- CS+ for CC V8.12.00
- CS+ for CA, CX V4.09.00

Contents

| | |
|---|----|
| Chapter 1. Operating Environment..... | 2 |
| Chapter 2. Supported Devices and Tools | 3 |
| Chapter 3. Points for Caution | 4 |
| Chapter 4. Points for Caution Regarding Installation and Uninstallation | 5 |
| Chapter 5. Collection of User Information | 10 |
| Chapter 6. Release Notes | 11 |

Chapter 1. Operating Environment

The operating environment for use with CS+ is described below.

1.1 Hardware environment

The following hardware environments are supported.

- Processor and main memory that provide a comfortable user experience of the software described in section 1.2, Software environment
- Display: Resolution at least 1,024 x 768
- Interface: USB 2.0

1.2 Software environment

The following software environments are supported.

- Windows 10 (64-bit editions)
- Windows 11 (Supported only by CS+ for CC)
- Microsoft .NET Framework 4.6.2
- Microsoft Visual C++ 2015 Redistributable Update 3 (x86)
- Microsoft Edge WebView2 Runtime
- Online help: Edge, Chrome, or Firefox (The latest version is recommended)

Chapter 2. Supported Devices and Tools

The information on the devices and tools supported by CS+ is available from our Web site.

Please see the following URL.

CS+ Product Page:

[Functions Supported by CS+ \(renesas.com\)](#)

The devices that support use of the Smart Manual can be referred to in the Smart Manual panel.

Please see the following URL.

CS+ Online Help:

[Smart Manual panel](#)

Chapter 3. Points for Caution

This section states general points for caution.

3.1 Renesas Compilers

You can use the free evaluation editions of Renesas compilers after having installed CS+.

Limitations and points for caution on the evaluation editions are described on the following Web site.

<https://www.renesas.com/software-tool/evaluation-software-tools>

When you have purchased a commercial edition, register the license key through the license management tool*1.

*1 Node Locked License: License manager

Floating License: Floating License Server

3.2 Renesas Flash Programmer

The Renesas Flash Programmer included in the CS+ package is the free evaluation edition.

Limitations and points for caution on the evaluation editions are described on the following Web site.

<https://www.renesas.com/software-tool/evaluation-software-tools>

Microcontrollers supported by the Renesas Flash Programmer are listed on the following Web site.

<https://www.renesas.com/rfp>

Chapter 4. Points for Caution Regarding Installation and Uninstallation

This section provides points for caution regarding installation and uninstallation.

4.1 Points for caution regarding installation

4.1.1 Network connection

If you wish to install the program on a host machine that is not connected to the network, first go to the Microsoft Download Center and install the Microsoft .NET Framework 4.6.2 or later before installing CS+.

4.1.2 Administrator privileges

Windows administrator privileges are required to install the software.

4.1.3 Execution environment

The Microsoft .NET Framework and the Microsoft Visual C++ runtime libraries are required to run the installer. If the Microsoft .NET Framework or the Microsoft Visual C++ runtime libraries are not installed, the CS+ IDE Package installer will install them.

4.1.4 Network drives

The software cannot be installed from a network drive.

It also cannot be installed on a network drive.

4.1.5 Installation folder name

The available characters for specifying the installation folder are the same as for Windows. The following characters are not usable.

; , #

%*nn* (*n*: number of hexadecimal)

Characters in system-dependent character codes

^[CC-RH/CC-RL]

Folder names also cannot start or end with a space.

4.1.6 Required files after installation

The following folder is created after installation. Do not delete it because it contains files that are necessary for the tools to run.

C:\Program Files (x86)\Common Files\Renesas Electronics CubeSuite+\

4.1.7 Modifying and repairing functions

To modify or repair the function of a tool that has already been installed, have the tool's installer package on hand, and run the installation program. The program maintenance program will start; select **Modify** or **Repair**.

Clicking on [Apps & features] from [Settings] of Windows or [Programs and Features] of the control panel will cause an error.

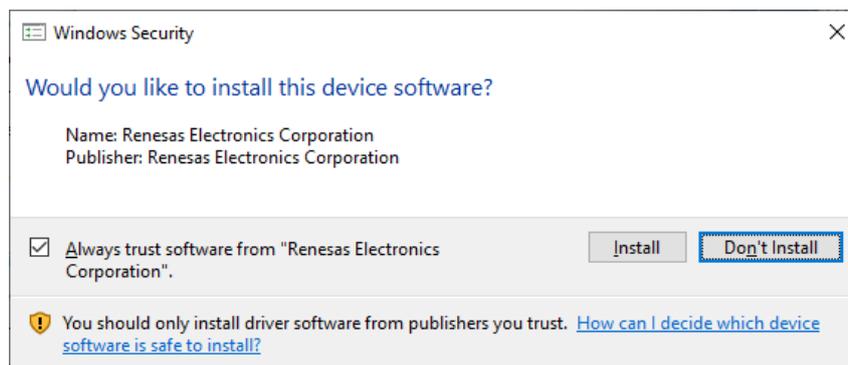
4.1.8 Changing the installation folder

To change the folder that tools are installed to, you must first uninstall all tools, and then perform installation again.

To uninstall all tools, start the Integrated Uninstaller, and delete all the tools that are displayed.

4.1.9 Warning message page when installing the USB driver

A Windows security warning will be displayed when installing the USB driver. Select "Install this driver" and continue with the installation.



4.1.10 Installing the USB driver

The USB drivers for the IE850, IECUBE, MINICUBE, MINICUBE2, E1, E20, E2 and E2 Lite will be installed via plug & play when a device is actually connected.

4.1.11 Updating the USB driver

If an IE850, IECUBE, MINICUBE, MINICUBE2, or E1, E20, E2 or E2 Lite is connected via USB, disconnect it before updating the USB driver.

4.1.12 USB driver of the E1 emulator

The selection for installing a USB driver for the E1 emulator is specified at the end of the integrated installer. The update feature in the Update Manager is also not supported.

4.1.13 Version of installed tools

If a newer version of the tool is already installed, the older version tool may not be installed.

4.1.14 Starting the installer

If the installer is started on a non-Japanese version of Windows, then path names containing multi-byte characters will cause an error, and the installer will not start.

4.1.15 Changing the structure of the installation folder

If you manually change the installation folder structure (e.g. delete one or more folders), then the Repair installer may start if you double click on a file with the .mtpj extension associated with CS+.

Either start CS+ and load a project without using the extension association feature, or reinstall CS+ completely.

4.1.16 Rapid Start Feature

CS+ is registered with the Startup menu of Windows during installation.

If a CS+ instance launched via Rapid Start is in the notification area (system tray) during installation, the following error message will appear. Exit the application and run the installer again.



4.2 Points for caution regarding uninstallation

4.2.1 Administrator privileges

Windows administrator privileges are required to uninstall the software.

4.2.2 Uninstallation folder name

Depending on the order in which tools are uninstalled, the folders may not be completely deleted. If this happens, remove any remaining folders via Explorer or the like.

4.2.3 Adding/repairing other than via the installer

If you added or modified files to the folders in which tools and release notes were installed using other means than the installers, they cannot be deleted during uninstallation.

4.2.4 Uninstalling the USB driver

If you uninstall the USB driver, you will be able to connect the emulator to ports to which connections have been made before the Uninstallation, but you will not be able to connect it to other ports to which connections have not been made.

4.2.5 Uninstalling the Renesas E-Series USB driver

The CS+ uninstaller cannot uninstall the Renesas E-Series USB driver.

When uninstalling the Renesas E-Series USB driver, please uninstall [Renesas E-Series USB Driver] and [(Windows Driver Package - Renesas Electronics Corporation E1USB) Renesas Emulator (xx/xx/xxxxy.y.yy.yyy) ("x" for a date and "y" for a version number)] manually from the list of [Programs and Features] of the Control Panel.

The Renesas E-Series USB driver is a common USB driver for emulators which are used with the High-Performance Embedded Workshop (HEW) and Flash Development Toolkit (FDT) environments. If the Renesas E-Series USB driver is uninstalled in a PC environment in which CS+ and HEW or FDT are installed, emulators will no longer be connectable to the HEW and FDT environments. The relevant emulators are the following.

E1, E20, E10A-USB, E10T-USB, E30, E30A, E100, E200F, E7, E8

4.2.6 Rapid Start Feature

If a CS+ instance launched via Rapid Start is in the notification area (system tray) during uninstallation, the following error will appear. Exit the application and run the uninstaller again.



4.2.7 Microsoft Tools

The CS+ uninstaller will not uninstall the Microsoft .NET Framework or the Microsoft Visual C++ runtime library. If you wish to uninstall them, do so by opening [Apps & features] from [Settings] of Windows or [Programs and Features] of the control panel.

Chapter 5. Collection of User Information

Applications included in this package may access the Renesas Web site. In such cases, the following information is collected and recorded as a log.

- Date and time of access
- Access to URLs and files
- Unique and random Globally Unique Identifier (GUID) associated with your PC
- Types and version numbers of Windows, CS+, and the Renesas compiler you are using
- Types of Renesas emulator and MCU you are using
- The unique certificate number linked to your account for MyRenesas (only when you log in to MyRenesas)
- The unique identification number linked to cookies for the Web browser (if you are in Europe, this is only the case when you opt-in to the use of cookies). For details on cookies, refer to the privacy policy page stated below.

Logs are managed based on our privacy policy.

Refer to our privacy policy on the following Web page.

Privacy Policy:

<https://www.renesas.com/privacy.html>

Chapter 6. Release Notes

Release notes contain notes, points for caution, and statements of restrictions on using the features of CS+.

Please read these documents before using CS+.

These documents can be accessed from the Windows Start menu after installation.

Renesas Electronics CS+ → - CS+ Release Note (V8.07.00 or later)

Since this release note is not installed with the CS+ package, manually save the file on your host machine.

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(Rev.5.0-1 October 2020)

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