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Chapter 1. Operating Environment

Below are the Operating Environment for using CS+.

1.1 Hardware environment

The following hardware environments are supported.

- Processor: At least 1 GHz (support for hyper threading/multicore CPU)
- Main memory: At least 1 GB (2 GB or higher for Windows (64-bit OS)),
2 GB or higher recommended
- Display: Resolution at least 1,204 x 768; at least 65,536 colors
- Interface: USB 2.0

1.2 Software environment

The following software environments are supported.

- Windows 8.1 (32bit, 64bit)
- Windows 10 (32bit, 64bit)
- Windows Server 2012, Standard and Web Server (Server Core is unsupported) *1
- Windows Server 2012 R2, Standard and Web Server (Server Core is unsupported) *1
- Windows Server 2016 (Server Core is unsupported) *1
- Windows Server 2019 (Server Core is unsupported) *1
- Microsoft .NET Framework 4.5.2

For any of these, we recommend having the latest service pack installed.

*1 Only the floating license server management software installed in a server PC is supported..

Chapter 2. Changes

This section describes changes on software for floating license management from V2.02.00 to V2.03.01.

2.1 Correspond to License Manager V2.03.01

2.2 Improvement to the operation when Windows is shut down

Previously, Windows being shut down at the same time as the generation of processing by the floating license server had the possibility of damaging the license information and causing failure in attempts to restart the floating license server. This potential problem has now been rectified.

Chapter 3. Point for Caution

This section provides a point for caution.

3.1 About installation of CS+ and a compiler

Install CS+ and a compiler by DVD or CD-R of a product package.

Chapter 4. Points for Caution regarding Installation

This section provides points for caution regarding installation and uninstallation of software for floating license management.

4.1 Points for caution regarding installation

4.1.1 Administrator privileges

Windows administrator privileges are required to install the software.

4.1.2 Execution environment

The Microsoft .NET Framework is required to run the installer. If the Microsoft .NET Framework is not installed, the floating license installer will install it.

4.1.3 Network drives

The software cannot be installed from a network drive.

It also cannot be installed to a network drive.

4.1.4 Installation folder name

The available characters for specifying the installation folder are the same as for Windows.

The 12 characters / * : < > ? | " \ ; , # and %*nn* (*n*:number of hexadecimal) cannot be used. Folder names also cannot start or end with a space.

4.1.5 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.

(32-bit Windows, and installation drive is C:)

C:\Program Files\Common Files\Renesas Electronics MCU Tools\

(64-bit Windows, and installation drive is C:)

C:\Program Files (x86)\Common Files\Renesas Electronics MCU Tools\

4.1.6 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.

4.1.7 Changing the installation folder

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

4.1.8 Version of installed tools

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

4.1.9 Starting the installer

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

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 via other than 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 Microsoft Tools

Uninstall the Microsoft .NET Framework, separately from the floating license by using [Apps & features] from [Settings] of Windows or [Programs and Features] of the control panel.

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