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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 Vista (32bit, 64bit), Business and Enterprise
- Windows 7 (32bit, 64bit), Professional and Enterprise
- Windows 8 (32bit, 64bit), Pro and Enterprise
- Windows 8.1 (32bit, 64bit), Pro and Enterprise
- Windows Server 2008, Standard and Web Server (Server Core is unsupported) \*1
- Windows Server 2008 R2, Standard and Web Server (Server Core is unsupported) \*1
- 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
- Microsoft .NET Framework 4

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 V1.00.00 to V2.00.00.

### 2.1 About installer

The installation target was changed to only software for servers.

The client license manager will be provided with CS+ as a separate license manager in V2.00.00 and later versions.

### 2.2 About improvements of function

The CSV file which confirms the license use situation could be output now.

## Chapter 3. Cautions

This section provides cautions(general).

### 3.1 About installation of 2.1 CS+ and a compiler

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

## Chapter 4. Installation Cautions

This section provides cautions for installation and uninstallation.

### 4.1 Cautions for installation

#### 4.1.1 Cautions for administrator privileges

Windows administrator privileges are required to install the software.

#### 4.1.2 Cautions for 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 Cautions for network drives

The software cannot be installed from a network drive.

It also cannot be installed to a network drive.

#### 4.1.4 Cautions for 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 Cautions for 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 Cautions for 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 [Modify] from the Uninstall or change a program dialog boxes will cause an error.

#### 4.1.7 Cautions for 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 Cautions for version of installed tools

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

#### 4.1.9 Cautions for starting 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 Cautions for uninstallation

#### 4.2.1 Cautions for administrator privileges

Windows administrator privileges are required to uninstall the software.

#### 4.2.2 Cautions for 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 Cautions for 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 Cautions for Microsoft Tools

Uninstall the Microsoft .NET Framework from Programs and Features.

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