SIEMENS

SIMATIC
S7-1200
S7-1200 Firmware update V4.5.2
Product Information

Description

The S7-1200 CPU firmware update V4.5.2 is now available and contains the following corrections:

- Security corrections and improvements
- Corrections to CPU access protection and the Web server menu related to Web server user passwords
- Ability for CP modules to receive data after errors occur
- TSAP-ID addressing of rack and slot 0
- Correction to an issue where the FileReadC, FileWriteC, and FileDelete instructions could prevent a second download from the TIA Portal to the S7-1200

For more information about the S7-1200 products, see the S7-1200 System Manual, edition 05/2021.

Table 1   CPU models affected by firmware update V4.5.2

CPU model	Description	Article number
CPU 1211C	CPU 1211C DC/DC/DC	6ES7211-1AE40-0XB0
	CPU 1211C AC/DC/Relay	6ES7211-1BE40-0XB0
	CPU 1211C DC/DC/Relay	6ES7211-1HE40-0XB0
CPU 1212C	CPU 1212C DC/DC/DC	6ES7212-1AE40-0XB0
	CPU 1212C AC/DC/Relay	6ES7212-1BE40-0XB0
	CPU 1212C DC/DC/Relay	6ES7212-1HE40-0XB0
CPU 1214C	CPU 1214C DC/DC/DC	6ES7214-1AG40-0XB0
	CPU 1214C AC/DC/Relay	6ES7214-1BG40-0XB0
	CPU 1214C DC/DC/Relay	6ES7214-1HG40-0XB0
CPU 1215C	CPU 1215C DC/DC/DC	6ES7215-1AG40-0XB0
	CPU 1215C AC/DC/Relay	6ES7215-1BG40-0XB0
	CPU 1215C DC/DC/Relay	6ES7215-1HG40-0XB0
CPU 1217C	CPU 1217C DC/DC/DC	6ES7217-1AG40-0XB0
Fail-Safe CPUs		
CPU 1212FC	CPU 1212FC DC/DC/DC	6ES7212-1AF40-0XB0
	CPU 1212FC DC/DC/Relay	6ES7212-1HF40-0XB0
CPU 1214FC	CPU 1214FC DC/DC/DC	6ES7214-1AF40-0XB0
	CPU 1214FC DC/DC/Relay	6ES7214-1HF40-0XB0
CPU 1215FC	CPU 1215FC DC/DC/DC	6ES7215-1AF40-0XB0
	CPU 1215FC DC/DC/Relay	6ES7215-1HF40-0XB0

Required user action

You can update the CPU firmware using one of the following methods:

- The Web server
- The online diagnostic functions of STEP 7
- The SIMATIC Automation Tool
- A SIMATIC S7 Memory Card that contains the firmware update file from the Siemens Industry Online Support site

The S7-1200 System Manual and the SIMATIC Automation Tool User Guide document these methods.

After you apply the CPU firmware update, verify that your application operates as expected.

Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, systems, machines and networks.

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For additional information on industrial security measures that may be implemented, please visit (https://www.siemens.com/industrialsecurity).

Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customers' exposure to cyber threats.

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