

SIMATIC

Hotfix 3 (K5.6.1.3) for STEP 7 V5.6 SP1 Programming software for SIMATIC S7 / M7 / C7

Security Information:

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

In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial security concept. Siemens' products and solutions only form one element of such a concept.

Customer is responsible to prevent unauthorized access to its plants, systems, machines and networks. Systems, machines and components should only be connected to the enterprise network or the internet if and to the extent necessary and with appropriate security measures (e.g. use of firewalls and network segmentation) in place.

Additionally, Siemens' guidance on appropriate security measures should be taken into account. For more information about industrial security, please visit

<http://www.siemens.com/industrialsecurity>

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

To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed under

<http://www.siemens.com/industrialsecurity>

Installation and Usage notes

These notes supersede information contained in other documents.

Please read these notes carefully, since they contain important information for the installation and use of Hotfix 3 for STEP 7 V5.6 SP1.

Please note that when printing the file that the borders for legal sized paper (DIN A4) in portrait format are set to about 25mm.

Contents

Installation notes

- 1 Contents of the Consignment
- 2 Hardware Requirements
- 3 Software Requirements
- 4 Installation

Usage (Release Notes)

1 Innovations and changes compared to earlier versions

1.1 What is new compared with Version 5.6 SP1?

Installation Notes

These installation notes contain important information that you need for the Hotfix installation. Please read these notes before the installation.

1 Contents of the Consignment

This package comprises:

Hotfix 3 (K5.6.1.3) for the software package STEP 7 V5.6 SP1 (DVD version order number: 6ES7 811-4CC08-...)

2 Hardware Requirements

No changes compared with STEP 7 V5.6 SP1.

3 Software Requirements

STEP 7 V5.6 SP1

In addition to the statements made in the Readme file for STEP 7 V5.6 SP1, note that STEP 7 is only released with the MUI versions of the approved Windows operating systems.

4 Installation

4.1 Installation of Hotfix 3 for STEP 7 V5.6 SP1

Prerequisite for the installation of this Hotfix is an existing installation of STEP 7 V5.6 SP1.

Due to the fact that your PLC/PC must be restarted after the installation in order to completely enter all system variables, please close all applications (STEP 7, MS Word etc..) before starting the setup.

Start the file "*.exe" of Hotfix 3 for STEP 7 V5.6 SP1. The files will then be copied to the PLC/PC and entries will be made in MS Windows files. Operating instructions will be given to you during setup. The drive onto which you install Hotfix 3 for STEP 7 V5.6 SP1 will be determined by the installed STEP 7 version.

Usage (Release Notes)

These notes supersede information contained in the manuals and the online help.

Security Recommendation

Security considerations for the shared program data folders in STEP 7: EXAMPLES, S7DATA, S7LIBS

If a system, with STEP 7 installed, is shared with non-Automation users, the manipulation of shared

STEP 7 program data can be restricted to "Administrators" and "Siemens TIA Engineer" group members only. This can be done by properly setting the access control lists (ACLs) for each of the mentioned folders in %ProgramData%\STEP7\ :

- deactivate the inheritance of access rights from
%ProgramData%\Siemens\Step7\EXAMPLES
%ProgramData%\Siemens\Step7\S7DATA
%ProgramData%\Siemens\Step7\S7LIBS
and delete any inherited access rights
- add full access rights for SYSTEM, "Administrators" and "Siemens TIA Engineers"

1 Innovations and Changes Compared to Earlier Versions

1.1 What has Changed Compared to Version STEP 7 V5.6 SP1?

HW Config

- The installation of HSPs is now possible using the command line call via the HSP installer. You can find more information in the help on configuring the hardware in topic "Installing HW Updated via the Command Line".
- The operation of a DP/FF-Link downstream from an IE/PB-Link V3.1 is now possible.
- As of this Hotfix: A configuration in RUN is now once again possible for specific configurations that were downloaded to the CPU with STEP 7 V5.5 SP4 HF9.

NetPro

- The output of warnings during compilation in NetPro has been improved.

Report System Error

- Generating 'Report System Error' has been improved.