

Software for SIMATIC controllers



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Brochures

For brochures serving as selection guides for SIMATIC products refer to:

www.siemens.com/simatic/printmaterial

Software for SIMATIC controllers

Introduction

Software for SIMATIC controllers

Overview



- System of seamlessly interconnected software tools for SIMATIC S7 and SIMATIC WinAC
- With user-friendly functions for all phases of an automation project
- Comprising:
 - Controller software in the TIA Portal
 - STEP 7 programming software
 - Options for programming and design
 - Options for diagnostics and service
 - Options for engineering and drive systems

Overview Licensing

Siemens Digital Factory offers various types of software license.
For further information, see catalog section 16, page 16/17

Overview Software Update Service

- Service for automatic dispatch of all new software versions during contract lifetime
- Reduced logistics effort thanks to automatic contract extension
- Reduced costs as updates are provided free of charge

Ordering

- The Software Update Service is ordered in the same way as any other product. The corresponding order number is given in the ordering information of the software product in question.
- You must own the current version of the software.
- One Software Update Service is ordered for each software license installed.
- The Software Update Service runs for 1 year from date of order.
- It is extended automatically by a further year in each case, as long as it is not canceled 3 months before it expires.
- An annual lump sum is invoiced per license.

Application

SIMATIC software is continuously enhanced and improved. The **Software Update Service** is the easiest way to regularly take advantage of these improvements. This service automatically sends new software updates when they are released so you always have the latest version.

The Software Update Service

- Saves time and effort:
Once it is ordered, the Software Update Service is automatically renewed every year.
- Lowers costs:
The service pays for itself after the first update as it costs less than an individually ordered update.
- Makes budgeting easier:
Software expenditures can be accounted for early in the budgeting process and they are easier to write off.

Design**Scope of delivery**

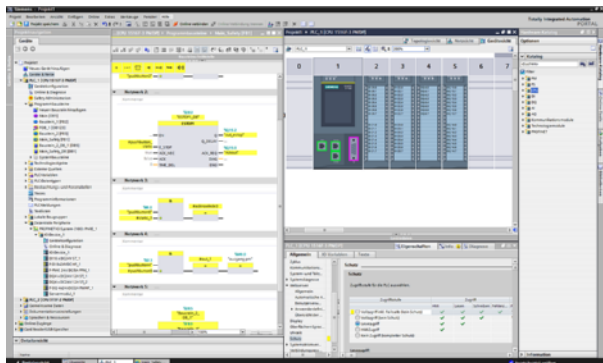
- All software versions released after ordering the Software Update Service (usually several consignments per year)
- SIMATIC Customer Support Knowledge Base CD-ROM with FAQs, tips & tricks and downloads (several issues per year)

Software for SIMATIC controllers

Controller Software in the TIA Portal

STEP 7 Safety (TIA Portal)

Overview



- For creating safety-related programs on the STEP 7 operator interface
- For seamless and easy to use integration of safety-related functions into the standard automation
- All the required configuration and programming tools are integrated into the STEP 7 operator interface and utilize a common project structure
- STEP 7 Safety Basic option package for parameter assignment and programming of the fail-safe S7-1200
- STEP 7 Safety Advanced option package for all fail-safe TIA SIMATIC controller classes (S7-1500, S7-1200, S7-300, S7-400, WinAC)

Ordering data

Article No.

Article No.

STEP 7 Safety Advanced V13 SP1

Task:

Engineering tool for configuring fail-safe user programs for SIMATIC S7-1200 FC, S7-1500F, S7-300F, S7-400F, WinAC RTX F, ET 200SP F controllers, ET 200SP, ET 200S, ET 200M, ET 200iSP, ET 200pro, ET 200eco

Requirement:

STEP 7 Professional V13 SP1

Floating license for 1 user, software and documentation on DVD, license key on USB flash drive

Floating license for 1 user, software, documentation and license key for download²⁾; e-mail address required for delivery

Software Update Service (Standard Edition)¹⁾

The delivery is implemented according to the number of ordered SUS products (e.g. 10 upgrade packages with 10 DVDs, 10 USB flash drives, etc.) Requires the current software version.

Software Update Service (Compact Edition)¹⁾

The delivery items are combined. For several contracts, only 1 package with 1 data medium set, 1 USB flash drive with the corresponding number of licenses and the corresponding number of COLs will be supplied. The deliveries that are to be grouped together must be ordered as one item. Requires the current software version.

Minimum order quantity: 5 units

6ES7833-1FA13-0YA5

6ES7833-1FA13-0YH5

6ES7833-1FC00-0YX2

6ES7833-1FC00-0YM2

Software Update Service (download)¹⁾

Requires the current software version.

E-mail address required for delivery.

STEP 7 Safety Advanced Upgrade

Upgrade from Distributed Safety V5.4 SP5 to STEP 7 Safety Advanced V13 SP1 for parallel use of both versions; software and documentation on DVD, license key on USB flash drive; Combo License

Upgrade from Distributed Safety V5.4 SP5 to STEP 7 Safety Advanced V13 SP1 for parallel use of both versions; software, license key and documentation for download²⁾; Combo License; e-mail address required for delivery

Upgrade from STEP 7 Safety Advanced V11/V12 to STEP 7 Advanced Safety V13 SP1 for parallel use of both versions; software and documentation on DVD, license key on USB flash drive; Upgrade License

Upgrade from STEP 7 Safety Advanced V11/V12 to STEP 7 Advanced Safety V13 SP1 for parallel use of both versions; Upgrade License; software, license key and documentation for download²⁾; e-mail address required for delivery

6ES7833-1FC00-0YY0

6ES7833-1FA13-0YF5

6ES7833-1FA13-0YY5

6ES7833-1FA13-0YE5

6ES7833-1FA13-0YK5

¹⁾ For more information on the software update Service, see page 11/3.

²⁾ For up-to-date information and download availability, see: <http://www.siemens.com/tia-online-software-delivery>