

SIEMENS

SIMATIC

S7-1500 SIMATIC Energy Suite Update




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Legal information

Warning notice system

This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert symbol. These notices shown below are graded according to the degree of danger.

 DANGER
indicates that death or severe personal injury will result if proper precautions are not taken.
 WARNING
indicates that death or severe personal injury may result if proper precautions are not taken.
 CAUTION
indicates that minor personal injury can result if proper precautions are not taken.
NOTICE
indicates that property damage can result if proper precautions are not taken.


If more than one degree of danger is present, the warning notice representing the highest degree of danger will be used. A notice warning of injury to persons with a safety alert symbol may also include a warning relating to property damage.

Qualified Personnel

The product/system described in this documentation may be operated only by **personnel qualified** for the specific task in accordance with the relevant documentation, in particular its warning notices and safety instructions. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these products/systems.

Proper use of Siemens products

Note the following:

 WARNING
Siemens products may only be used for the applications described in the catalog and in the relevant technical documentation. If products and components from other manufacturers are used, these must be recommended or approved by Siemens. Proper transport, storage, installation, assembly, commissioning, operation and maintenance are required to ensure that the products operate safely and without any problems. The permissible ambient conditions must be complied with. The information in the relevant documentation must be observed.

Trademarks

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Disclaimer of Liability

We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions.

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Validity

1

This update is valid for the following product:

- SIMATIC Energy Suite V15

Note

If you modify your system after installing the update with the product DVD, you will have to perform the update again.

Improvements in Update 1

Update 1 contains the following improvements and changes:

Normalization factor

The value range for the normalization factor of an energy data source of an energy object has been extended and now amounts to: 0 – 9999999 (previously: 9999).

Connection to WinCC RT Professional

Improved behavior of the connection to WinCC RT Professional (data log) during short archiving periods (< 15 min).

Energy Suite Export Tool: Export negative energy values

You can export archived energy values for analysis purposes using the Energy Suite Export Tool. Energy objects for counters that count backwards and forwards can result in negative energy values. The behavior of the Energy Suite Export Tool when exporting negative energy values has been improved.

Improved stability

Improved stability during configuration of the archiving period in the settings of the energy program. This applies to Windows 7 installations for which English is not set as the system language.

Extended alarm messages for parameter assignment errors

The system behavior for reporting parameter assignment errors has been improved. In the future, parameter assignment errors will be displayed with error code W#16#8613 at the Energy Suite block "EnS_ArchiveHMI". This enables you to react immediately to parameter assignment errors in order to avoid possible data loss due to the error.

Improvements in Update 2

Update 2 contains the following improvements and changes:

- Automatic configuration of the S7 block "LAcycCom_ResourceManager_Variant" in the OB Main (OB1) for acyclic data acquisition
- Improved support of SIMATIC S7-PLCSIM Advanced
- Improved behavior when migrating projects (from V14 SP1 Update 5 to V15)
- Improved behavior when linking Energy Suite parameters to SIMATIC ProDiag monitoring functions

Improvements in Update 4

Update 4 contains the following improvements and changes:

Soft starter 3RW44

As of Update 4, the soft starter 3RW44 (block "EnSL_DrvBasic_3RW44_vx") contains improved support by the energy program.

To update your energy program after the installation of Update 4, regenerate the energy program. Once the energy program is generated, compile the updated energy program and download it to the S7-1500 CPU target system.

Note

Project backup

We recommend that you make a backup before updating your S7 project.
