

S7-PLCSIM V18 SP1 Readme

Readme

Improvements in S7-PLCSIM V18 SP1

S7-PLCSIM V18 SP1 provides the following improvements:

- Ability to start an S7-1200 PLC in S7-PLCSIM using a basic license
- Improved SIM table behavior when changing PLC binding
- Ability to resize the height of a SIM table
- Improved behavior when downloading a second time from TIA Portal to an instance
- Improved overall performance

View the most recent product information online

Siemens updates this readme file as needed and publishes it on the Siemens Industry Online Support (<https://support.industry.siemens.com>) ("SIOS") website. Each readme file on the SIOS site contains the contents of this readme file as well as additional information about S7-PLCSIM V18 SP1 that was not available when the product was released.

If you encounter unexpected behavior in S7-PLCSIM, check the SIOS site and search for "S7-PLCSIM V18 SP1 Readme" to see whether there is a newer version that addresses your issue.

Operating system support

S7-PLCSIM V18 SP 1 supports the same operating systems, virtualization, antivirus, and hard disk encryption technology as TIA Portal V18.

See the TIA Portal V18 readme for a full list of supported technologies.

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 constitute one element of such a concept.

Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place.

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.

To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed visit (<https://www.siemens.com/cert>).

Known issues

Long downloads or timeouts when downloading STEP 7 projects with large arrays

For arrays in the STEP 7 project that are visible in HMI engineering, each array element is a tag. A single entry could have tens of thousands of tags. You might experience long download times or timeouts when downloading a project with large arrays to S7-PLCSIM.

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