

# SIEMENS

## SIMATIC

### Industrial software

# Readme SIMATIC S7-PLCSIM Advanced V3.0

## Product Information

## General information

### Content

This Readme file contains information about SIMATIC S7-PLCSIM Advanced V3.0 that was not yet available at the time of release.

This information should be considered more up-to-date than the product documentation and, where necessary, replaces corresponding information in the product documentation and installation instructions.

## Addition to section 3.1.2 Restrictions due to antivirus programs

### NOTICE

#### Restrictions due to antivirus programs

Virus scanners that monitor the behavior of processes and communication can have a significant impact on the performance of the runtime and communication of PLCSIM Advanced.

### Solution

You can decrease restrictions during installation and runtime of PLCSIM Advanced. Also define exceptions for the virus scanner for secure files and directories.

### Procedure

Add the following directories to the exceptions:

- "C:\Program Files\Common Files\Siemens\PLCSIMADV\Drivers"
- "C:\Program Files (x86)\Common Files\Siemens\PLCSIMADV"
- "C:\Program Files (x86)\SIEMENS\Automation\PLCSIMADV\bin"

If the virus scanner only allows files as exceptions, add all files from the listed directories to the exceptions. The procedure is described in the instructions of the respective manufacturer.

## Addition to section 5.2 Simulate CPU with ODK functionality

### Debugging a PLCSIM Advanced function library (DLL file)

To debug a function library, attach the Visual Studio Debugger to the corresponding ODK client process which has loaded the respective function library.

PLCSIM Advanced V3.0 supports Visual Studio 2017 and 2019.

## **Addition to section 8 Restrictions, messages and solution**

### **SIMATIC BusAdapter BA 2xCL**

When using a SIMATIC BusAdapter BA 2xCL to connect fiber-optic cables, downloading via TCP/IP is not possible.

### **Solution**

Set the communication interface "PLCSIM" (Softbus) in PLCSIM Advanced.

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A5E38332429-AF, 11/2019