

VIPA SPEED7

SP7TI | SPEED7 Tools Integration | Manual

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Software manual SPEED7 Tools Integration - V1.8.6



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1.2 Purpose of the documentation

This documentation describes the *VIPA SPEED7 Tools Integration* software package.

The manual is intended for persons who implement control functions automation systems.

1.3 Validity of the documentation

This software description is valid for the *SPEED7 Tools Integration* software package from version 1.8.6

1.4 Presentation and tags

Tips, recommendations and operating instructions are presented in this documentation as follows:

Tips and recommendations

This icon refers to information which will facilitate the use of the system.

Operating instructions

This documentation includes operating instructions for many functions which you can follow step by step. Operating instructions include the following elements:

→ Every operating step tells you what to do. The individual steps of any operating instruction consisting of several steps will be successively numbered.

⇒ Here, the result of the operating step is presented.

2 SPEED7 Tools Integration

Overview

- *SPEED7 Tools Integration* is automatically installed during the installation of the *SPEED7 Studio*.
- The *SPEED7 Tools Integration* is required to use the *SPEED7 Studio* as *OPC UA Configurator* for Siemens SIMATIC Manager and TIA Portal.
- Currently supported are Siemens SIMATIC Manager from V5.5 and TIA Portal V15.0 and V15.1.
- When running *SPEED7 Tools Integration*, the *SPEED7 Studio* is registered as *OPC UA Configurator* in the Siemens SIMATIC Manager and TIA Portal.
- The registration requires the specification of the GSDML files which are used in the Siemens SIMATIC Manager respectively TIA Portal.
- After registration, the *OPC UA Configurator* can be called up as an external application in the Siemens SIMATIC Manager and TIA Portal. When called, the *SPEED7 Studio* opens as *OPC UA Configurator* with to OPC UA Configuration limited functions.

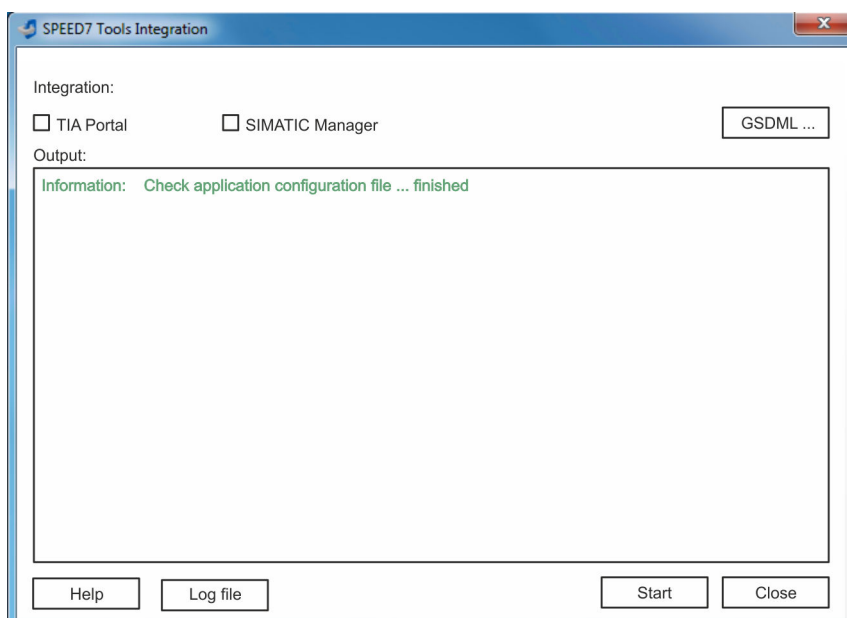


Please note that you can only run *SPEED7 Tools Integration* if you have administrator rights on your computer!

Proceeding

SPEED7 Tools Integration is automatically listed in the Windows Start menu during the installation of the *SPEED7 Studio*.

1. ➤ To start the *SPEED7 Tools Integration*, click in the Windows Start menu on 'VIPA GmbH ➔ *SPEED7 Tools Integration*'.
- ⇒ For *SPEED7 Tools Integration* can start, you have to acknowledge the security prompt to change the data on your computer with 'Yes'. Afterwards *SPEED7 Tools Integration* will be started.



2. ➤ Click at 'GSDML ...'.
 3. ➤ Navigate to the GSDML file of your VIPA CPU, which you also use for your configuration in the Siemens '*SIMATIC Manager*' or '*TIA Portal*'. Select these and click at '*Confirm*'. You can also select and use several GSDML files.
- ⇒ The identified GSDML files are listed and the selection for the configuration tools is enabled.

4. ➤ Select the required configuration tool '*SIMATIC Manager*' respectively '*TIA Portal*' in which the *SPEED7 Studio* is to be registered as *OPC UA Configurator*. You can also select both configuration tools.
5. ➤ Click '*Start*'.
 - ⇒ ■ *SPEED7 Studio* is registered in the Windows registry as *OPC UA Configurator*.
 - In the selected configuration tool, the *OPC UA Configurator* is registered as externally callable program.
 - Only with selected '*TIA Portal*': The current Windows user is registered in the user group *Siemens TIA Openness* of the Siemens '*TIA Portal*'.
 - All changes are recorded in a log file, which can be shown via '*Log file*'.
6. ➤ '*Close*' closes *SPEED7 Tools Integration*.
 - ⇒ With the next start of the corresponding hardware configurator, the *SPEED7 Studio* can be called as *OPC UA Configurator* with to OPC UA configuration limited functions. More information about the usage can be found in the in the online help of the *OPC UA Configurator* respectively in the manual of your CPU.