

# VIPA SPEED7

SP7-TI | SPEED7 Tools Integration | Manual

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Software manual SPEED7 Tools Integration - V1.9.0



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## 1.2 Purpose of the documentation

This documentation describes the YASKAWA *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 1.9.0

## 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.

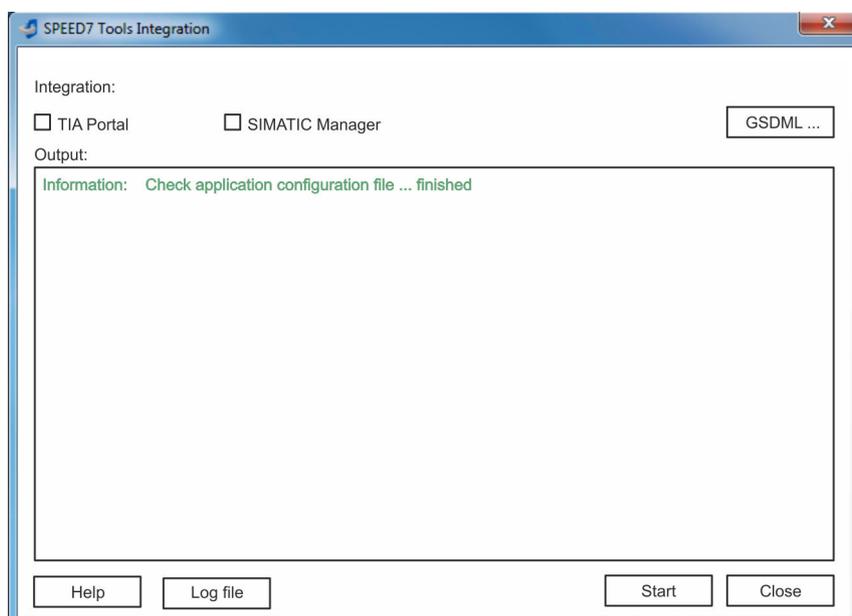


Please note that you can only run *SPEED7 Tools Integration* if you have administrator rights on your computer!

### 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.