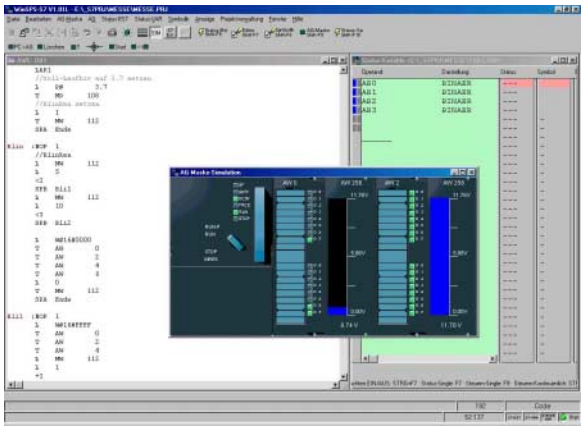
VIPA System 100V/200V - WinSPS7



WinSPS7

The software tool WinSPS7 is a programming, diagnostics and simulations tool for the VIPA automation systems 100V / 200V. The integrated S7 simulator enables programs to be tested without S7-SPS.

This tool supports program input as a statement list (STL). The STL editor (German: AWL) was specially developed.

Features

The VIPA WinSPS7 has the following distinguishing features:

- Uncomplicated program creation for VIPA System 100V Micro SPS and System 200V/300V CPU
- Diagnostics of the developed program
- Offline simulation possible without connection to the hardware
- Documentation
- S7 program import and export

Overview of Features

1) Uncomplicated creation of PLC programs

- Multistage undo function: [ALT]+[backspace] undoes changes
- Supports declarations of variables / selection from a list is possible
- Additions to variables: list of all local block variables / selection / insert
- Additions to symbols
- Administration of templates (STL lines), insert, library administration

2) Fast online connection

- Fast connection to System 100V / 200V
- Communication with the CPU components from System 100V / 200V by means of programming and download cable
- Transmission of blocks (PC->PLC / PLC->PC)
- Delete blocks, overall reset
- Display block directory
- Read diagnostics buffer
- Display memory information
- USTACK, BSTACK
- Status block
- Status variable
- Control variable
- Copy RAM to ROM
- Write block to a flashcard
- Compress PLC memory
- Select / change MPI station
- Display PLC information, display cycle times

3) Uncomplicated simulation of the PLC program

with integrated debugger (breakpoints, single step).

4) Uncomplicated print out

Printing options can easily be set in the print dialog. A preview function has been integrated to check the size of the characters.

- Printing a table of contents
- Printing the symbol file
- Highlighting of keywords when printing in color
- Printing the cross-reference list
- Informs if the symbol information should be printed out after each network.
  Should an individual block be printed out it is possible to state which network is to be printed out. Furthermore, if each block is to be printed on a separate page or if a number of blocks are to be printed onto a single page.

5) Powerful control and status display of variables

It is possible to create and save a number of tables of variables using WinSPS7. Any number of operands can be observed and controlled in the “variable” status window. Thereby, it is possible to determine whether “observe” or “control” is activated for each operand.
Advantage: it is not necessary to delete inactive operands from the list.
Symbols and comments to symbols are displayed in the “variable” status window, should these be listed in the symbols file.
Simultaneous operation is possible with the S7 from Siemens in contrast to the S5 (also Siemens).

6) System requirements

PC: Recommended - PENTIUM 90 MHz or higher, with at least 32 MB main memory
Operating system: Windows 95 / 98, Windows NT 4.x
Others: The connection to the external S7 CPU requires a programming / download cable, which is then connected to the serial interface (RS 232) of the PC.

Ordering information

VIPA WinSPS7 PROFI VERSION
License 1 PC
VIPA SW WINSPS7-L1

VIPA WinSPS7 PROFI ADDITIONAL LICENSE
License + 1 PC
VIPA SW WINSPS7-L2

VIPA WinSPS7 PROFI COMPANY LICENSE
License for 50 PCs in one company
VIPA SW WINSPS7-L50

Accessory:
Programming / download cable
VIPA SW WINSPS7-KB