



## VIPA WinPLC7

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### WinPLC7

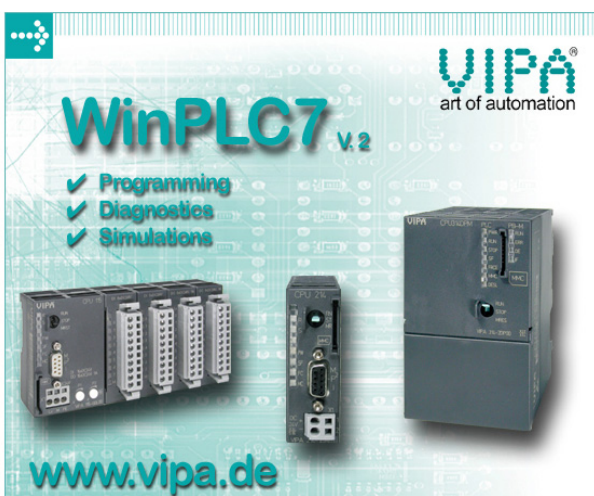
The software tool WinPLC7 is a programming, diagnostic and simulation tool for the VIPA control systems System 100V, 200V, 300V und 500V. The integrated simulator allows to test applications even if no hardware is connected.

WinPLC7 supports the program input in statement list (STL) and optional in function block diagram (FBD) and ladder diagram (LAD).

### Features

WinPLC7 is characterized by the following features:

- Comfortable program engineering for VIPA System 100V, System 200V, System 300V, System 500V and S7-300 from Siemens
- Efficient control and status monitoring of variables
- Import and export of projects in STEP7 from Siemens
- Integrated hardware configurator
- Simulation offline via integrated Soft-PLC
- Comfortable project navigation



## The FUP, STL and LAD editor provide following features:

- **Support at variable declarations** – When creating variables, you may choose the type from a list
- **Variable supplying** – When using a variable in STL, a list of all local module variables may be requested. You may choose a variable and fill it into the STL without typing.
- **Symbol supplying** – This functions analog to the variable supplying.
- **Module library** – Here you may administer often used modules.

## Fast online connection:

WinPLC7 may be connected with the VIPA CPUs System 100V, System 200V, System 300V and System 500V via the „GreenCable“. Hereby you go without a conversion to the MPI protocol. Due to the abolition of the conversion a distinctly faster connection between PC/Laptop and PLC is realizable.

The following protocols are supported:

- Transmission of modules (PC->AG, AG->PC)
- Delete modules, overall reset
- Show module directory
- Read diagnostic buffer
- Report memory information
- USTACK, BSTACK
- Status Module, also with definition of a call environment
- Status Variable – Single-Shot or continuous (with trigger conditions)
- Control Variable – Single-Shot or continuous (with trigger conditions)
- Copy RAM to ROM
- Write modules into a flash card
- Comprimize AG memory
- Choose/change MPI participants
- Show AG information, show cycle times
- Adjust time of a PLC

## Comfortable simulation of the PLC program

All commands that are normally sent to an external PLC, are now directly transmitted to the integrated Soft-PLC, that is operated similar to an external PLC.

The simulation may be carried out either in the window „module state“ or in the window „AG-Mask“. In „module state“ every module may be observed in STL, LAD or FBD state.

## Efficient control and status monitoring of variables

By means of the „Status variable“ window any operands may be watched and controlled. Thereby you may fix for every operand, if the monitoring and controlling is activated. For a better overview, additionally the symbol and the symbolism comment is shown, provided that they are listed in the symbolism file.

## System requirements

PC: Minimum 486er CPU, 32MB work memory - Recommended Pentium 233MHz, 32MB work memory  
Operating system: Windows 95/98/ME, NT (SP6), Windows2000, WindowsXP

Point-to-point connection from the PC to the VIPA PLC: Deployment of a „GreenCable“ (VIPA 950-0KB00)  
Programming of a S7-CPU from Siemens: Deployment of a MPI transducer.

## Order data

VIPA SW870	WinPLC7 lite
VIPA SW873	WINPLC7 - Complete version, Single license (Company license or multiple license upon request)
VIPA 950-0KB00	Programming cable „GreenCable“ for Pt.-to-Pt. connection PC->AG (only for VIPA CPUs)
VIPA 950-0KB10	MPI-Adapter cable with integrated LED
VIPA 950-0KB20	MPI-Adapter cable with optional ext. DC 24V supply