



Program Editor PASmulti –  
it couldn't be any easier ...

pilz

the spirit of safety

# PASmulti – The Program Editor in the automation system

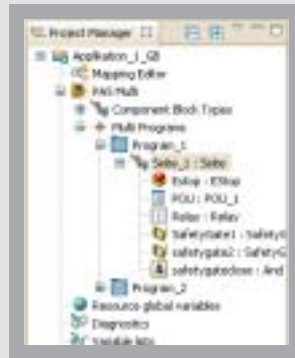
## Program Editor PASmulti – it couldn't be any easier ...

Create programs simply, quickly and intuitively: This is simpler than ever with the Editor PASmulti on the automation system PSS 4000. In addition to the main EN/IEC 61131-3 languages (currently PAS IL) the PSSuniversal PLC control systems can hereby also be programmed or configured with the graphics Program Editor PASmulti. The PSSuniversal multi control systems can also be configured using PASmulti. A comprehensive library of failsafe and standard blocks provides you with a high level of reusability.

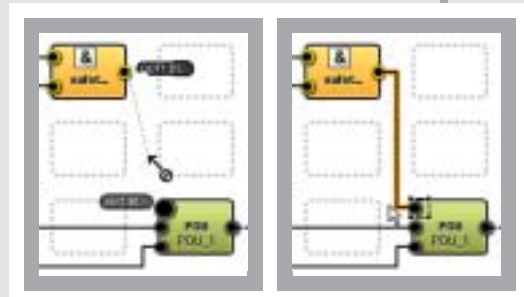
**Use the mouse for wiring:** Inputs and outputs can be freely configured and linked using logic elements via drag and drop, for example. Simple symbols and characters make the task easier.

**Two worlds, standardised handling:** Whether you are programming in the “IEC world” or configuring with PASmulti, the programming environment is the same and is therefore very easy to handle. Blocks you have written yourself using the PAS IL Editor in accordance with EN/IEC 61131-3 can simply be downloaded to PASmulti and linked with ready-made blocks, for example ... for safety and standard tasks!

**Modularity made easy:** With this modular system, machinery and plants can be decomposed into small mechatronic units, thus achieving a high level of reusability and standardisation – even in the software tool.

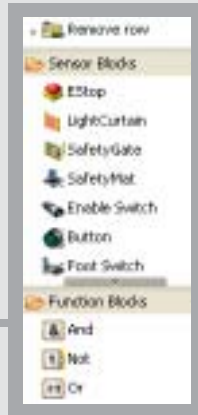
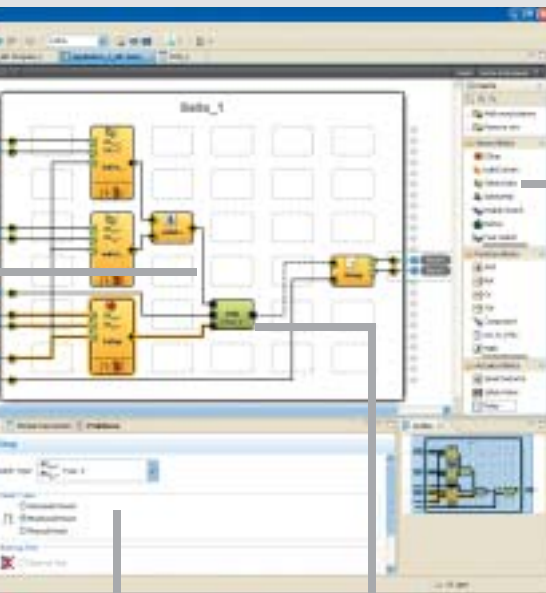


*Simple overview:  
Project tree with familiar  
folder structure*



*Use the mouse for wiring:  
Inputs and outputs are freely configurable*

# System PSS 4000



*Easy to handle:  
Create program structures  
from pre-defined failsafe  
and standard blocks via  
drag and drop*



*Parameter settings:  
Perform changes easily  
in the property field*



*Linking two environments:  
Complex EN/IEC programming –  
here PAS IL (Instruction List) –  
encapsulated within an  
easy-to-use PASMULTI block*

## Your benefits at a glance

- ▶ Simple handling for complex tasks
- ▶ Simple combination of PASMULTI and the PLC programming languages in accordance with EN/IEC 61131-3
- ▶ Standard and safety in one system
- ▶ Comprehensive library for failsafe and standard blocks
- ▶ Working with PASMULTI leads to a high level of reusability and standardisation

Implement your automation projects with the graphics Program Editor PASMULTI from the automation system PSS 4000.

**PSS 4000 –  
Simplify your Automation™**



# Software licensing model ...

## ... only pay for what you actually use

Conventional licensing models are generally designed to license a fixed function range, i.e. you pay for everything in advance, whether or not you use all the functionalities.

This is different with the software platform PAS4000 and PASmulti in this case: You only pay for the functions you actually use. You can hereby adjust your software costs to the order situation!

You can find detailed information on the exact procedure on the Internet at [www.pilz.com](http://www.pilz.com), webcode 6423



PASmulti can be downloaded from the Internet free of charge

# Software blocks ...

## ... reusability and standardisation

Blocks in the software platform PAS4000 make the creation of automation programs considerably easier. In this manner

- ▶ projects can be organised and structured by function,
- ▶ blocks can be reused as desired
- ▶ and changes in the block can be documented and managed centrally.

A comprehensive library of ready-made safety and standard blocks is available. Blocks you create yourself, e.g. in PAS IL (Instruction List), can be used in PASmulti – in the same way as ready-made blocks.

Blocks can be combined, enabling you to define more complex functions. Merging these blocks into one block guarantees simple handling.

This way you can reduce time and costs during the design, implementation, installation and maintenance phase!

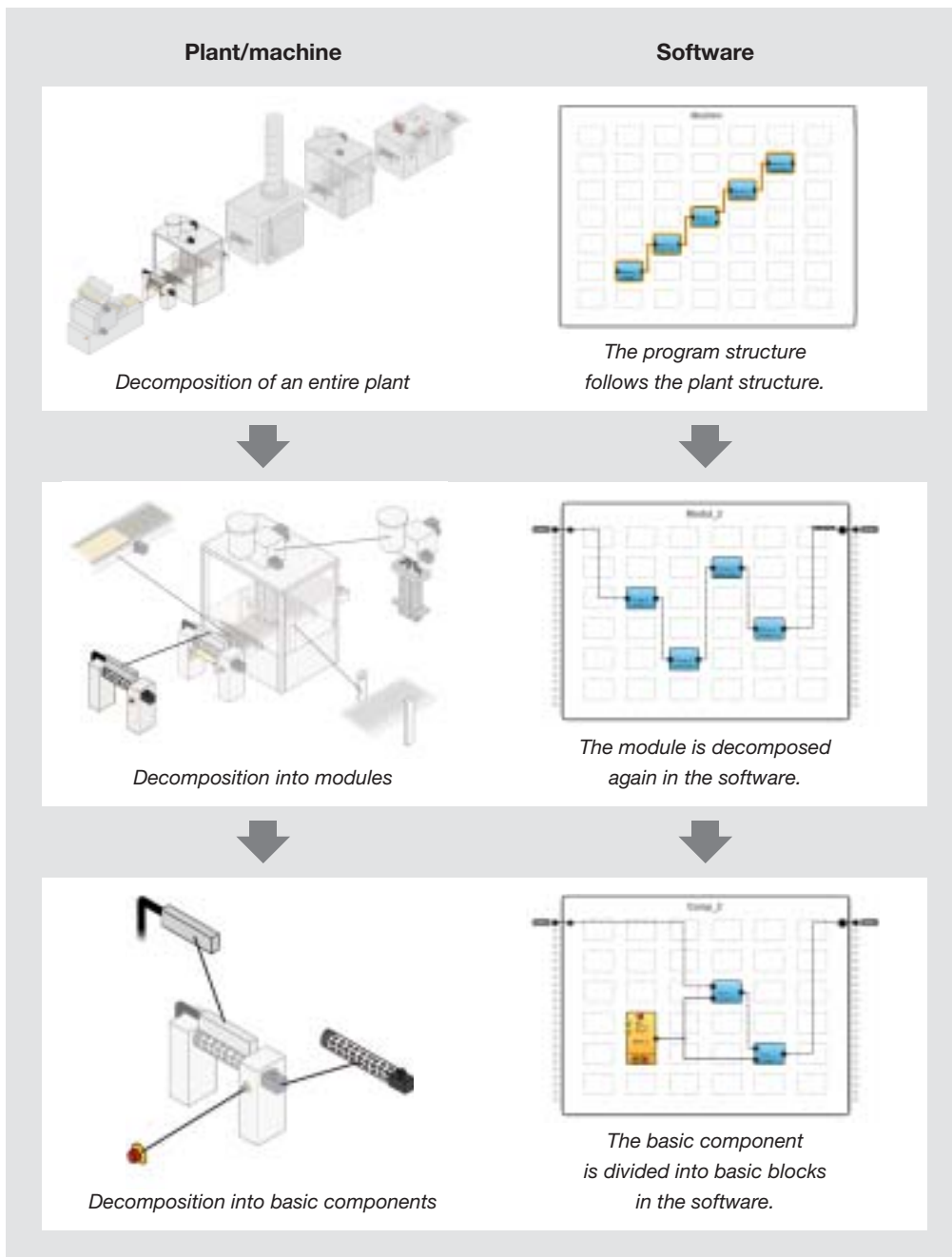


# Modularisation ...

... Decomposition of a plant into functional modules – even in the software

As a result of the decomposition of machines and plants into individual modules or functional units and the uniform mapping of these modules in the software, the test and programming must only be performed once per module. A high level of reusability and standardisation is thus possible. This includes lowering the engineering costs!

Easy, easier, **PASmulti!**



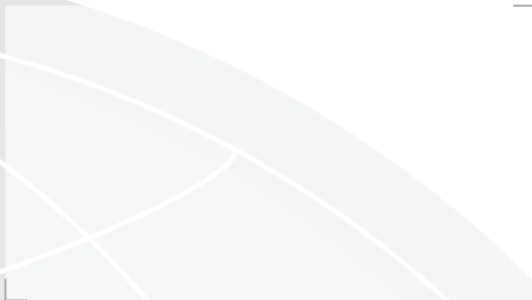
## Controller for the automation system PSS 4000

Type	Communications interfaces			Programming	Order Number
	SafetyNET p	PROFIBUS-DP	Ethernet		
PSSu H PLC1 FS SN SD	◆			<ul style="list-style-type: none"> <li>▶ Programming languages in accordance with EN/IEC 61131-3</li> <li>▶ Program Editor PASmulti</li> <li>▶ Ethernet TCP/IP</li> </ul>	312 070
PSSu H PLC1 FS DP SN SD	◆	◆		<ul style="list-style-type: none"> <li>▶ Programming languages in accordance with EN/IEC 61131-3</li> <li>▶ Program Editor PASmulti</li> <li>▶ Ethernet TCP/IP</li> </ul>	312 071
PSSu H m F DP SN SD	◆	◆		Program Editor PASmulti	312 065
PSSu H m F DP ETH SD	◆		◆	Program Editor PASmulti	312 060

A pool of the widest range of I/O modules is available for the most diverse applications. Whether you need analogue modules or digital, relay or semiconductor, standard or failsafe – you can put together the right combination to suit your requirement.

The variety of I/O modules can be found on the Internet at [www.pilz.com](http://www.pilz.com), **webcode 0930**

**Controller + I/O modules + PASmulti = Your automation solution**



▶ ...  
In many countries we are represented by our subsidiaries and sales partners.

Please refer to our homepage for further details or contact our headquarters.

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