



SAMOS® PLAN 6 PROGRAMMING SOFTWARE.

Intuitive + flexible + license-free.

Our samos® PLAN 6 programming software for the samos® PRO COMPACT range now makes programming even easier. samos® PLAN 6 assists PLC programmers, electrical design engineers and developers with the planning, validation, verification and documentation of the safety application.

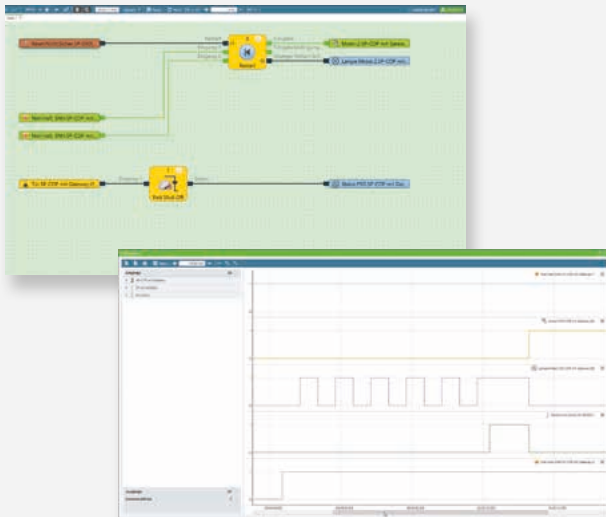
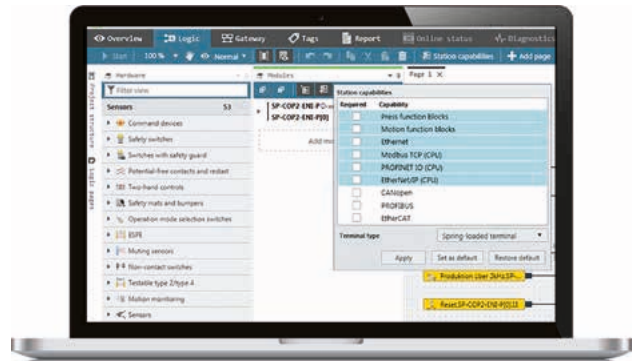
- + Intuitive operation through automatic hardware configuration
- + Error-free commissioning through integrated simulation and logic analysis
- + Comprehensive library with TÜV-certified function blocks
- + Comfortable operation with multiple screens, dockable and undockable windows
- + Fast setup of the machine through forcing
- + Configurable project documentation with one mouse click (one-click report)



INTUITIVE CONFIGURATION

samos® PLAN 6 offers automatic hardware configuration.

- Easy entry to programming
- No detailed product knowledge required
- Select features instead of modules
- On-the-fly configuring & programming
- Less engineering effort



SIMULATION INSTEAD OF TESTING

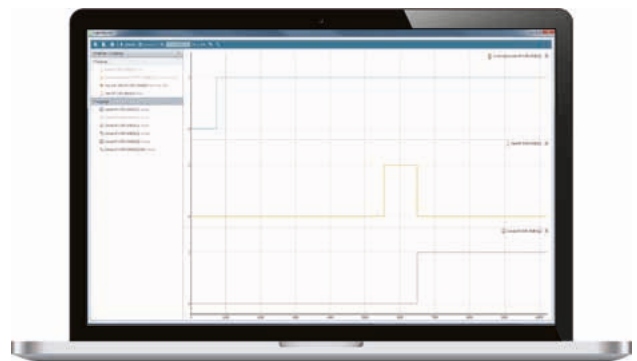
Simulate your programmed logic in real-time on the PC instead of looking for faults on the machine.

- Offline function simulation
- Signal selection via drag & drop
- Fast signal change and debouncing
- Deceleration up to a factor of 20
- Simulation exported to Excel
- Documentation as a PDF with one click

FASTER VALIDATION

In online mode with oscilloscope function, you can quickly validate, verify and document your safety functions on-site.

- Online recording on a laptop
- Long-term recording for troubleshooting
- Validation and verification on-site
- Fast documentation via PDF export

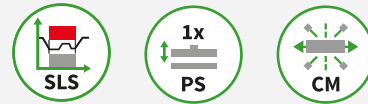




PARAMETERIZATION INSTEAD OF PROGRAMMING

Error-free parameterization through TÜV-certified application modules.

- Fast acceptance through accreditation bodies (TÜV, UL, DGUV, etc.)
- Functions for presses to EN 692 or EN 693
- Muting functions, specially for light grids and light curtains
- Motion functions acc. to EN 61800-5-2
- Adjustable switch on and off delay



FLEXIBLE SCREENS

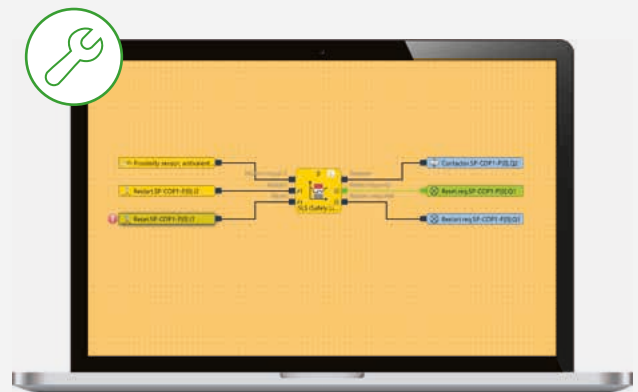
Configure the software to fulfill your requirements by individually adapting your workspace.

- Docking and undocking window arrangement
- Flexible with multiple screens
- Clear diagnosis, verification and troubleshooting
- Selectable Start view (HW, logic)
- Customized and savable layouts (laptop, PC, tablet)

FAST MACHINE SETUP

Simply emulate missing sensor hardware with the forcing function.

- Comfortable machine setup with forcing for missing sensors
- Time-limited forcing up to 8 hours
- Minimal errors at shift change
- Fast troubleshooting thanks to diagnostics messages





GLOBAL REMOTE DIAGNOSTICS

With samos® PLAN 6 and the integrated Ethernet interface, you and your system are connected worldwide, therefore you save expensive service call outs.

- Initial diagnosis via LEDs, Touch Panels or PLCs
- Remote diagnosis via integrated Ethernet
- Remote access to samos® PRO via VPN router
- Remote via LAN, WLAN or mobile radio
- Fast troubleshooting during machine breakdown
- Advanced security against manipulation



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Nicht Verifiziert

Projekt: New Project
Dateiname: [neu]
Applikationsname:
Kunde:
CRC Control I: 0xab9c4364
Erstellung des Berichts: 16.07.2018 08:51:24

Benutzer: DetlevDell Rolle: Admin

3.3.1.3 Verdrahtungsbeispiel

3.1 Software-Version
Programmname: [...]
Version: 1.1.0.0

3.2 Allgemeine Informationen
Name: [...]
Beschreibung: [...]

3.3.1 Projekt Beschreibung
3.3.2 Projekt Module

3.8 Sicherheitskennwerte

Name	Sym	SIL	Kateg	PL	PL d	PL e
SP-COP1-A[0] Q1	[Symbol]	SIL 3	Kategorie 4	PL c	1.4E-00	
SP-COP1-A[0] Q2	[Symbol]	SIL 3	Kategorie 4	PL c	1.4E-00	
SP-COP1-A[0] Q3	[Symbol]	SIL 2	Kategorie 3	PL d	9.8E-09	

Die Sicherheitskennwerte gelten ausschließlich für die konfigurierten sicheren Ausgänge der SP-COP und SP-SDIO Module (wie im Handbuch Hardware beschrieben) und nicht für angeschlossene Sensoren oder Aktoren.

ONE-CLICK REPORT GENERATION

Document your projects with one click.

- Cover sheet with project info and CRC
- Optional manipulation protection with falsification code
- Easy to order thanks to parts list
- Time saving with wiring examples
- Safety values (SIL, Kat, PL, PFHd)
- Comfortable calculation of the overall performance level

PROTECTION AGAINST MANIPULATION

Protect your machines against manipulation and hacker attacks with the new "Advanced Security" capability.

- No project modification on the controller without falsification code
- Extra precautions against unauthorized access via Ethernet
- Project runs only on a specified controller
 - ▶ More control over spare parts business
- The controller runs only with the original project
 - ▶ Protection against SD card change

