HIMA

SMART
SAFETY.

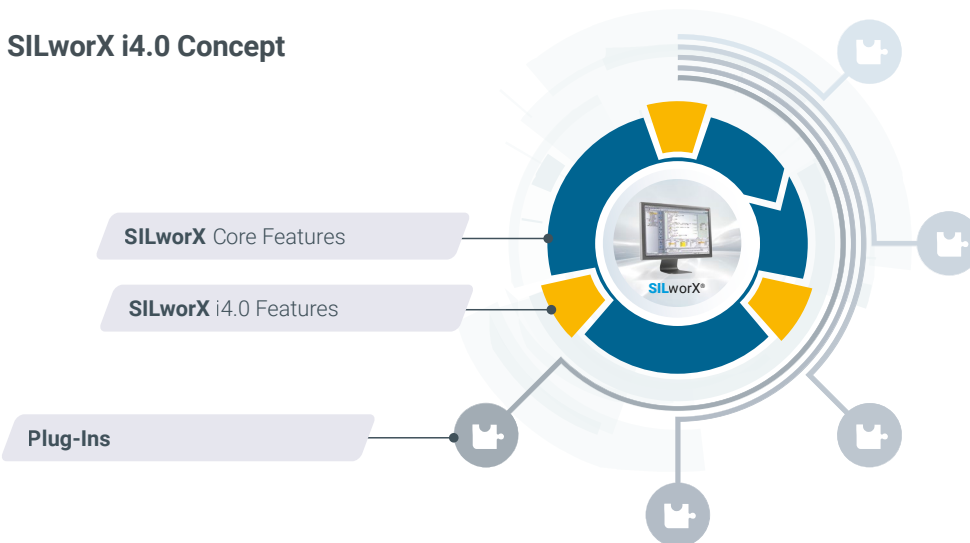**#safetygoesdigital**

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Plug-Ins for SILworX®

Efficient and Flexible Digitalization

An increasing number of different technologies are networked with each other and demand flexible engineering solutions. Beyond the safe SILworX core functions, solutions are needed that can be flexibly applied to all automation processes without affecting the safety functions.

SILworX is available as a modular concept. In addition to its core function, the programming of safety controllers, it also offers Industry 4.0 features that can be deployed flexibly to meet the application's specific requirements. All of these features are safety certified. Thanks to a new interface, you can now also integrate external plug-ins such as scripts, programs or functions in SILworX for usage with your own automation project. The SILworX i4.0 concept thus supports efficient and flexible digitalization of your automation processes.

SILworX i4.0 Concept

- SILworX Core Features
- SILworX i4.0 Features

- Plug-Ins

SILworX
IEC 61508 certified

- SILworX Core Features
- SILworX i4.0 Features
  – SILworX COMPARATOR PLUS
  – Safety Test
  – Typical Import
  – SILworX API

- Plug-Ins

Plug-Ins – Easily Customize Your Automation Processes

To expand the range of functions, SILworX can be equipped with plug-ins. Plug-ins are applications that interact with SILworX but are not included in the SILworX application nor are they certified with SILworX. Choose a simple way to increase the efficiency of your engineering processes.

Benefits

Flexible programming
- Easily add, customize, or replace functions according to your needs
- Develop your own set of necessary additional functions for stand-alone work processes

Increased efficiency
- Quickly integrate customer-specific SILworX functions
- Avoid faults and save costs through automated processes instead of manual steps

Cost savings
- Accelerate time to market - Integrate additional features independently of SILworX release developments
- Reduce training and documentation efforts thanks to simplified workflows
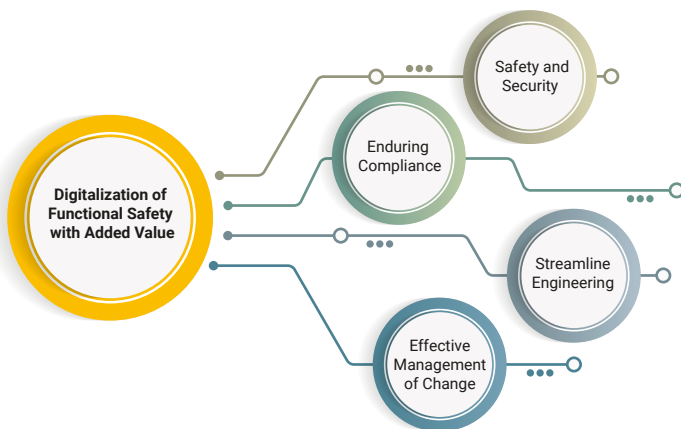- Save time on technical support

Functionality

Plug-ins…
- are SILworX expansions that users can design on their own.
- are based on programs or scripts, and may include additional files that are configured in SILworX.
- are independent modules that run with their own processes.
- have access to SILworX via the SILworX API functions.
- can be started automatically with SILworX or manually by the user.
- can respond to actions in SILworX or to user-defined actions.
- The plug-in execution is displayed in the SILworX status bar

Scope of Delivery
- Licensed option
- Plug-in examples (ST Function Block Import and Export)

#safetygoesdigital

Digitalization can offer plant operators and EPCs real added value: More safety and at the same time less effort and costs.

We support you in fully exploiting the potential of digitalization.