

Data Sheet

PLUS+1 GUIDE

Add-on licenses

PLUS+1[®] add-on licenses

Add-on licenses provide additional powerful features in PLUS+1[®] GUIDE to reduce time-to-market, improve quality, and increase productivity of the PLUS+1[®] developer.

Product highlights

Test tools, dependency view, compare and version control are features on the add-on that support software V-model product life-cycle management design and validation. The package includes provisions for verification at the module level and system integration.

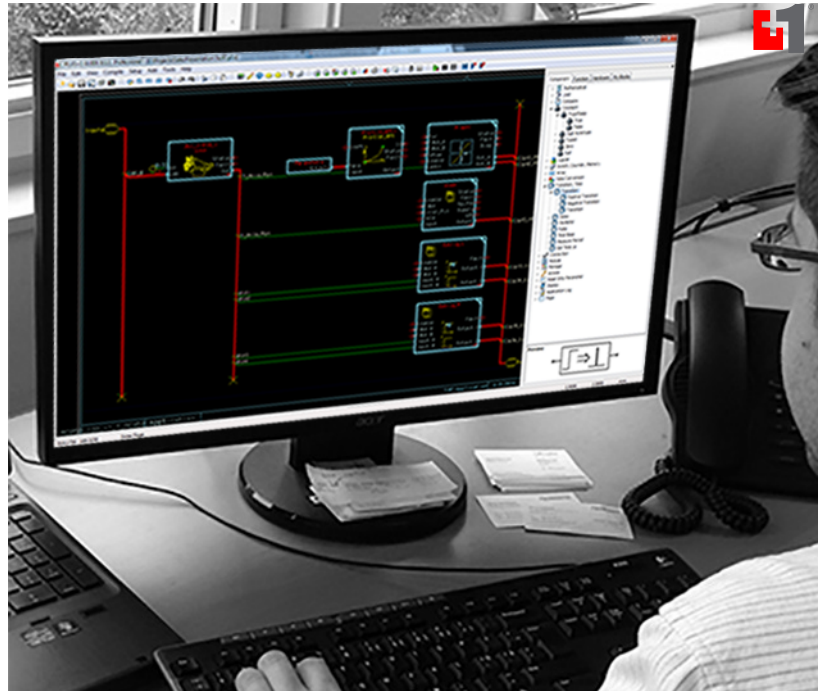
Mobile machine management

The PLUS+1[®] GUIDE add-on package provides application software developers quality assurance and auditing tools used for fulfilling IEC61508-3 Functional Safety requirements.

Features

- Test tool
 - Create and execute test cases within GUIDE project manager.
- Dependency view
 - Visual identification software flow with manual step-by-step user interface
- Compare
 - Highlight differences between two graphic images.
- Version control
 - Front end viewer for tracing software revisions history.
- SIL2 compilation
 - Special compilation procedure to ensure that only released and certified versions of the PLUS+1[®] GUIDE program are used and that the developer ensures adherence to IEC 61508.
- Traceability
 - Track page changes and link requirements to code with the system architecture file and traceability features.
- Static analyzer
 - Improve quality by performing static analysis of graphical code to find dead or inefficient code.

Comprehensive technical literature is online at www.danfoss.com

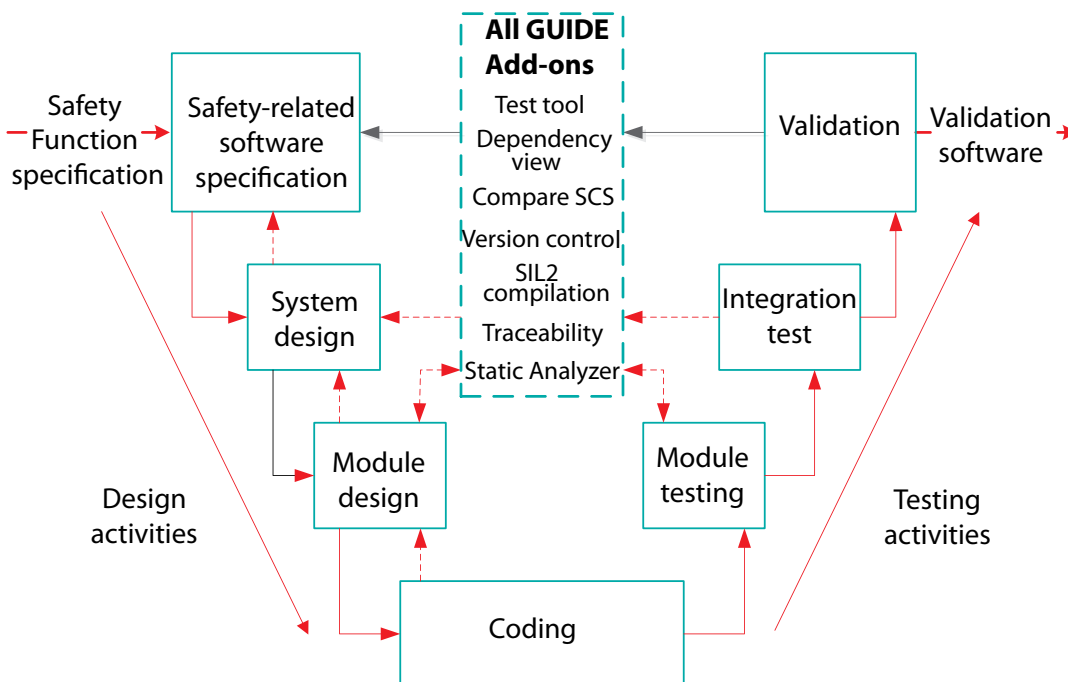


PLUS+1[®] GUIDE Development Tool

- Symbols and components are selected from a palette and dropped onto the drawing space.
- Danfoss developed function blocks are available for common control requirements such as PID control, ramp, filter, and command signal profiles.
- GUIDE compliance blocks allow rapid integration of input and output signals from Danfoss electrohydraulic products through the use of predetermined signal types and parameter default settings.
- Graphical programming reduces the number of steps required to develop an application; source code is generated directly from the application drawing to reduce coding errors.
- On-line and context-sensitive help allows easy comprehension of product features.
- Application data logging aids machine diagnostics.

Service Tool

PLUS+1[®] includes an easy to use download feature. Application files are downloaded to the target controller via CAN. The download tool allows PLUS+1[®] users to access all of the controllers and intelligent modules on the PLUS+1[®] network. Simple, fast, reliable communications between a controller, or network of controllers, and a PC USB port is accomplished with the CG150 CAN/USB gateway.



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System requirements

	Service Tool Minimum	GUIDE Minimum	GUIDE/Service Tool Recommended
CPU*	3.0 GHz, 64-bit (x64), 4 cores, 2012 or later		
OS	64-bit Windows 7 or 10 (It is recommended to keep the OS up-to-date with the latest updates)		
UAC	Local Administrator Access is needed only for installation of the tools, not for running them		
RAM	1 GB		3 GB
HD	>1 GB Free, HDD		>2 GB Free, SSD
Resolution	1280 x 1024		1920 x 1080
Email	For license registration		
PDF	Any recent standards compliant pdf reader		
Web	Any recent standards compliant web browser (for HTML based F1 help)		
XML	MSXML 4.0 Service Pack 2 (Microsoft XML Core Services)		
.Net	N/A	Version 4 (Full) is needed for PLC code support in GUIDE	

* The CPU should be intended for at least laptop use. Processors designed for netbooks, tablets or similar are not recommended.

Ordering information

Description	Part number
Library-Work Function	11179529
Library- Propel Application Library (Advanced)	11182154
Integration-Simulink S Function	11179531
PLUS+1 [®] GUIDE Professional	11179523
PLUS+1 [®] GUIDE Add-ons	11179525
PLUS+1 [®] Service Tool Add-ons	11179527

Related product

Description	Part number
CG150-2 CAN/USB Gateway Interface Communicator	11153051

Reference literature (on line at www.danfoss.com)

Title	Literature ID
PLUS+1 [®] GUIDE User Manual	10100824
PLUS+1 [®] Service Tool User Manual	L1307770
PLUS+1 [®] Service Tool Design Manual	L1320837

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