ENGINEERING
TOMORROW

Danfoss

Danfoss Power Solutions

The **fast route** to programming **smarter** machines

PLUS+1® GUIDE & Service Tool

powersolutions.danfoss.com

Fast

Use intuitive drag and drop components and library blocks to accelerate mobile systems and service tool development

Easy

Start simple and build to sophisticated systems with PLUS+1® Compliance and Application Libraries

Open

Develop flexibly using Structured Text, Ladder Diagrams, Function Block Diagrams, C-code, Simulink®, web-based Scripting – and share openly using PLCopen XML

The PLUS+1® system development platform helps overcome most programming challenges and time consuming parts of building intelligent control systems into your machine. Using the powerful, intuitive, drag-and-drop capabilities, you can easily and efficiently integrate control, work and propel functions in a smart electrohydraulic network.

Unleash the power of PLUS+1® GUIDE & Service Tool

- The free Express version provides a no-risk introduction to our system. It includes all PLUS+1 Compliance blocks for easy programming with no restrictions saving, compiling or downloading.

- The free 90-Day Professional Trial is intended for those using advanced professional features. It reverts to Express (or previous PLUS+1 GUIDE license) after 90 days.

- The Professional version includes Danfoss-engineered function block libraries and is designed to accommodate professional machine developers. A perpetual license allows you to continue using your version if your subscription expires.

- For Professional add-on modules, you pay only for what you need via an annual subscription model. These provide access to our valuable tools and libraries to help speed up your software development process.

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simple platform for integrating smart control in your mobile machine

The power and platform

PLUS+1® GUIDE is continuously developing to refine and improve to stay ahead of changing market needs. Our latest PLUS+1® GUIDE & Service Tool is made to speed up the development of more advanced, higher performing and better quality machines.

Benefits
- Save time by importing existing programs written in Structured Text, Ladder Diagrams, Function Block Diagrams and other software development languages

- The pre-tested software blocks in the PLUS+1® GUIDE library, can help you build the functionality you require – at all levels of complexity

- Faster functional safety validation and certification process

Download PLUS+1® GUIDE & Service Tool
powersolutions.danfoss.com/products/plus-1-software

PLUS+1® GUIDE
Increase your engineering productivity and help bring high-performing, intelligent vehicles to market faster with the powerful system design tool suite

PLUS+1® Service Tool
The fully-integrated and customizable service tool application that makes it easy for field technicians to update, service, and troubleshoot machines

Open, Flexible, and Powerful Tool Chain
Program using multiple software languages like the IEC 61131-3 languages and C-code. Integrate using Service Tool API. Generate S-functions in Simulink®. Port code with PLCopen XML