

Sauer-Danfoss PLUS+1 GUIDE Software

Version 6.0.8 Release Notes

This file contains important supplementary and late-breaking information that may not appear in the main product documentation. We recommend that you read this file in its entirety.

Product License

If you do not have a PLUS+1 License: Please order your PLUS+1 License through your local Sauer-Danfoss sales person. You will be sent an email with a Product Key that will allow you to activate a License Key. Please follow the instructions under Help in the License Manager.

For existing PLUS+1 License holders with PLUS+1 version 5.0 or later installed: After installation of PLUS+1 GUIDE, your License Key is automatically activated in this version.

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VERSION 6.0.8 (December 2012)

Version 6.0.8—New Features and Functionality (see the GUIDE User Manual for more detailed information)

Support for using a version control tool when working in GUIDE. This includes indicating which files that are source files, temporary files and other files. It also enhances the ability to work on a project with read-only files. Since this feature relies on open projects (no P1P) there is now an option to not get any Pack To P1P prompt on project close. There is now also an option to zip the project to 7z/zip without closing it. Future restriction: This feature is provided for evaluation purposes only. In future releases of PLUS+1 GUIDE this feature will be part of an additional package of features that will require an additional license to be purchased. [F00164]

A new component called "Call POU" is added to call structured text from graphical GUIDE code. Existing or new structured text code can be added to the project and an integrated structured text editor allows the user to edit the code from within GUIDE.

Known limitations:

- Editing of data types and global variables is not available.
- Limited support for date, time and string data types.
- Limited support for RETAIN variables. Only local variables of basic integer types in function block POU's called directly from graphical code are currently supported.
- Some opportunities for optimization remain to be implemented.
- Avoid placing large local variables in functions, these are currently placed on the stack.
- Unicode characters can be used in comments, but double width characters may not always be displayed correctly.
- Save As can in some cases not work correctly for a single POU where the interface has incorrect modifications.
- Program POU's cannot be called from graphical code.
- The arithmetic overflow and underflow runtime error flags might not always be set correctly after a POU call.

Use of this feature requires the Microsoft .NET Framework 4 (Standalone Installer).

It is available from Microsoft at:

<http://www.microsoft.com/en-us/download/details.aspx?id=17718>

[F00174]

Array support for CCP calls. The GUIDE user can decide if arrays should be buffered or not. This is done by either connecting constant TRUE to an input bus signal named "#Unbuffered", or not. Idl version must be 004A or higher for this feature to be available. [F00150]

It is now possible to compare two SCS files either on the complete SCS level or on page level by setting root node. The result can be shown as a combined view or as two separate views highlighting the differences. The user can then step between differences of different types. A report of the comparison result can be generated. This feature is not licensed for use in all regions as described in the End User License Agreement.

Future restriction: This feature is provided for evaluation purposes only. In future releases of PLUS+1 GUIDE this feature will be part of an additional package of features that will require an additional license to be purchased. [F00092]

Important Advisory—Potential User Issues

GUIDE cannot handle non-Latin characters in project folder names.

Upgrading PLUS+1 GUIDE project files: P1P and P1X to version 6.0 is a one-way process. Once these files are upgraded to version 6.0, they cannot be opened by earlier versions of the PLUS+1 GUIDE program.

Because of an incompatibility between Acrobat XI Pro and a third-party plug-in, the Contents and Index chapters in the PDF version of the PLUS+1 GUIDE User Manual no longer feature clickable links.

Version 6.0.8—What is Fixed

In a project using CCP, and where the project path contained a '.' character, packing the project to P1P did not work correctly. This has now been fixed. [P100002540]

Missing signals in bus could sometimes be reported when compiling even though the signals actually did exist. View logical net did not work either for these signals. This has now been fixed. [P100002499]

View Logical Net window could in some cases be too big for the monitor it was displayed on. This has now been fixed. [P100002493]

It was sometimes not possible to reopen compiler messages from toolbar. This has been fixed. [P100002505]

The "Next/Previous Page" functionality could slow down GUIDE after some time of usage. This has been fixed. [P100002453]

It is now possible to change the HWD used in a project even if the API-specification is opened [P100002002]

Using CCPs where a single method has a huge argument list now works [P100002117]

Starting GUIDE while a function block PDF file is open now works. [P100002483]

Illegal numerical values in screen object properties can no longer corrupt a screen page. [P100002369]

Infinite loop across bus: bus members connecting back to top level caused GUIDE to hang up. This has been fixed. [P100002292]

File times are now preserved when unpacking the SYS file during compile. [P100002431]

Typed constants in Application Log will now be output correctly to the log. [P100002415]

Array signals in module busses are now handled correctly. [P100002347]

A corrupt DDT file no longer prevents a GUIDE project from being opened. [P100002379]

Negative S8 values from NV memory on TI platform are now interpreted correctly [P100002352]

Spaces now appear correctly on the screen and the display when the font has been reinstalled in the PLUS+1 GUIDE, deleted from the project and added to the project again. [P100002324, P100002395]

App log texts no longer lose their data values when the format code is changed. [P100002416]

Assigned font no longer disappears when the screen editor is entered. [P100002351]

Signal for Y coordinate is retained when a line is copied. [P100002334]

Long Text in DP600 application now shows up correctly [P100002333]

Undo now works correct in Page Interface Editor [P100002337]

Missing Windows library Normaliz.dll is now detected when opening a P1P file. [P100002418]

GUIDE compile chain now supports multiple application diagnostic data structures. [P100002402]

Header file for CCPs are now removed on project pack. [P100002387]

Remaining time for expired licenses is now reported correctly. [P100002384]

The code generated from the switch component is now terser. [P100002079]

Confile.exe now reports an error if the input file is missing. [P100002380]

The License Manager window could stop working when starting GUIDE without a license and then later reopening the License Manager, this has now been fixed. [P100002307]

Hardware Input/Output needed to have a connection on the output side in order to compile. This has now been fixed. [P100001307]

The Read Application Log symbol generated a very difficult to find error if an incorrect Application Log name was used. This has now been fixed with an error message that is displayed earlier in the compile process. [P100002328]

Using some of the graphical themes of Windows 7, the text of the Project Management Utility was sometimes not fully visible. This has now been fixed. [P1dev00001315]

When GUIDE was not started in maximized mode, the Compiler Messages window was displayed incorrectly in some cases. This has now been fixed. [P100002406]

The Warning message that is shown when installing fonts was not shown in some cases where it should have been shown. This has now been fixed. [P100002396]

Naming in application log pages has been corrected [P100002375]

Old application log area name changes are now reflected in the area selection dialog [P100002374]

When entering an Application Log page after its assigned area had got a new name there was an access violation. This has not been fixed. [P100002373]

Assign Application Log area popup menu is no longer available when an Application Log area page is already selected. [P100002358]

Edit menu items can now be used when editing texts in the screen editor. [P100002371]

Change of the value on a constant symbol was sometimes ignored when using Windows 7. This has now been fixed. [P100002339]

GUIDE was not always possible to activate using Alt+Tab. This has now been fixed [P100002297]

While adding components in GUIDE, the toolbar and menus were not accessible. This has now been fixed. [P100002311]

In some cases an access violation error was thrown by the SCS viewer. This has now been fixed. [P100002295]

Some bus member names that are normally allowed were not allowed if the bus was connected to a screen page. This has now been fixed. [P100002385]

GUIDE Screen Editor could not import Double Byte Character Set fonts as Unicode. This has now been fixed. [P100002435]

Unicode fonts were not processed correctly. This has now been fixed. [P100002515]

Very old screen pages cannot be entered in more recent versions of PLUS+1 GUIDE. In order to be able to enter such screen pages, the following workaround must be performed:

1. Open the project in 4.0.3.
2. Visit all screen pages.
3. Save the project.

[P100002510]

Previously fixed defects are not detailed in this document, but can be found in earlier [Read Me](#) files.

Product Information on the Web

For technical support, visit the Sauer-Danfoss support pages:

<http://www.sauer-danfoss.com/Products/MobileElectronics/PLUS1Guide/PLUS1GuideSupport/index.htm>

Telephone support:

North America: 1.888.50PLUS1 (1-888-507-5871)

Europe: +46 476-569 06

Email support: helpdesk@sauer-danfoss-plus1.com

Please report all suggested enhancements and great ideas to:

PLUS+1 Help desk

Please report all defects to:

PLUS+1 Help desk

Many thanks for all of your support.

The System Development Tools Team.

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