Sauer-Danfoss PLUS+1 GUIDE Software
Version 5.1.10 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 installed: After installation of PLUS+1 GUIDE, your License Key is automatically activated in this version.

For existing PLUS+1 License holders with PLUS+1 version 3.x/4.x installed: Please use the upgrade key emailed to you in December 2010 or send an email requesting your upgrade key (including your license ID) to plus1license@sauer-danfoss.com

Support for all PLUS+1 License related issues can be obtained by sending an email to: plus1license@sauer-danfoss.com

Version 5.1.10 (May 2011)

Version 5.1.10—What is Fixed

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

Undo now works correct in Page Interface Editor [P100002337]

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]

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

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

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

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

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

VERSION 5.1.9 (November 2011)

Version 5.1.9—What is Fixed

Connecting the Y-coordinate of an image to a signal now works correctly. [P100002301]

The correct default font name is now applied on Text lists in Screen Editor. [P100002302]

Screen Editor texts with multiple lines are now displayed correctly in the layout pane. [P100002308]

Problems upgrading from a 4.x license have been resolved. [P100002306]

Export text in Screen Editor now works correctly. [P100002329]

When new GUIDE applications using Read Only Parameter (ROP) are created in 5.1.8, the method described in the manual will not work. No ROP template file is created on first compile. This has now been fixed. [P100002332]

Important Advisory—Potential User Issues

If an ActiveX registration error is displayed when starting PLUS+1 GUIDE in Windows 7, select the properties for the PLUS+1 GUIDE shortcut and enable "Run this program as an administrator" in the Compatibility tab.

Display applications containing images with an unsupported color depth will no longer compile in version 5.1, this is done to avoid unexpected behavior in the display. The image will be updated to default color depth when inspected in the image repository, by this only supported color depth will be used and the application will be able to compile.

VERSION 5.1.8 (September 2011)

Version 5.1.8—New Features and Functionality (see the GUIDE User Manual for more detailed information)

The Screen Editor now supports Unicode fonts. All display projects now store text in a Unicode format. [F00101]

A user upgrading a Screen Editor project to GUIDE 5.1 must select a code page for each language that is used in their project. Code pages choices are 1250–1257 (Latin 2, Cyrillic, Latin 1, Greek, Turkish, Hebrew, Arabic, Baltic) and 874 (Thai). [F00101]

Combined Unicode characters are only supported in cases where precomposed Unicode character forms exist. This can for example affect languages such as Hebrew, Thai and Arabic. [F00101]

An HWD is required to provide Unicode support for new projects that display such languages as Japanese, Chinese, and Korean. [F00101]

A user can now rename a P1P file and then open it with the GUIDE program. [F00129]

The "Save Project As" command now works without a user first having to use the "Save Project" command. Previously, a user had to save changes into their current project before they could save these changes into a new project. [F00129]

A System ID can be embedded in a GUIDE application. The Service Tool program uses the embedded System ID to automatically open a P1D file with a matching System ID. [F00093]

The compiler now supports Sauer-Danfoss SC controllers. [F00128]

An input field in the Screen Editor's Inspector panel now holds a new value when the cursor moves out of the

input field. Previously if the cursor moved out of the input field, the input field returned the old value. [F00136]

The Screen Editor's Screen Library tab no longer requires a folder for images. [F00140]

Compile speed is improved. Depending on the project and the PC that is used, the average compile speed increases 10%–100%. Large display projects with many images now compile much faster.

The User Messages panel in the Compile Progress dialog box now lists a count of View Disabled pages and Read-only pages. (Show Compiler Statistics in the Options dialog box must be checked to display the page count.) [F00143]

Important Advisory—Potential User Issues

Upgrading a GUIDE project to GUIDE 5.1 is a one-way process. Once a project is upgraded to GUIDE 5.1, it cannot be opened by earlier versions of the GUIDE program.

Projects containing objects saved with GUIDE versions 4.0 or earlier must be compiled before they can be saved as P1P files.

See the following website for a workaround if you are experiencing problems accessing network locations in Windows 7:

http://technet.microsoft.com/en-us/library/ee844140(WS.10).aspx

The user must exit GUIDE to install/uninstall other GUIDE versions.

It is advisable to complete all GUIDE processes before locking or hibernating your computer.

Compatibility issues involving display projects using non-Roman fonts created in GUIDE version 3.0 may occur. It is strongly advised that the user make a back-up of these files before using GUIDE 5.1 and contact the PLUS+1 GUIDE Help Desk for further information before proceeding.

PLUS+1 GUIDE is only intended to work with one single user account.

In projects using several modules and objects, the Compile changed command can end with a failure due to the order in which the files are compiled. The workaround is to do another Compile changed.

In the text editor, strings longer than 509 characters in Screen Editor and Application Log may not compile.

Version 5.1.8—What is Fixed

In big applications, GUIDE could sometimes crash or corrupt the source file when pasting large graphical blocks, this has now been fixed. [P100002163] [P100002271]

Renaming bus member variables, sometimes made GUIDE to hang up, this has now been fixed. [P100002202]

In an Array without end parenthesis the compilation was successful but the last value was interpreted wrong, now an error message is given. [P100002142]

In some cases the use of the Repeat-Until components gave an error in the compilation, this has now been fixed. [P100002242]

The page numbering in a project has been fixed, some projects was showing the same page number on two different pages. The page numbering is now according to the execution order. [P100002196]

Issues related to the designs with Application Log has been fixed [P100002139] [P100002141]

Export/ Import text in Screen editor can now handle commas [P100002149]

Issues with editing the Page interface of a Screen editor page and then leave the Screen page has been resolved. [P100002176]

In previous version 5.0, A "Compile changed" always resulted in that all C-files were compiled, this has now been fixed. [P100002088]

Application Log write bit now only accepts Boolean as a data type. [P100002110]

It is now possible to connect a constant array to the component "Write Array to File" (entry A2) [P100002166]

The default layout now also reflects the Toolbar [P100002093]

Temporary files in the project folder are now removed also from projects with Read Only Parameters. [P100001527]

VERSION 5.0.9 (January 2011)

Version 5.0.9—What is Fixed
Issues related to reading PC information in the License Manager have been fixed (GetMacAddress failed). [P100002130]
GUIDE Screen editor now imports 8-bit images with correct palette information [P100002123]
In the GUIDE Screen editor, the Screen Manager occasionally showed text order incorrectly or hung up; this issue has now been fixed. [P100002131] [P100002132]

VERSION 5.0.8 (December 2010)

Version 5.0.8—New Features and Functionality (see User Manual for more detailed information)

The License Manager now supports re-hosting and subscription services.

The License Manager User Manual is available via Tools menu > License Manager > Help.

Note: PLUS+1 Tools products supported by License Manager version 4.x are not compatible with version 5.x [F00098]

Support has been enhanced for imported compiled code libraries. The user can now add a code library to a project that has been developed outside GUIDE, e.g., C language. The graphical application can call the objects and thus data can be passed to/from the objects. This feature is HWD dependent. [F00059]

Added the Application Keying component to give users the ability to lock a specific application to hardware. [F00125]

It is now possible to use bus member names, port names, page names and namespaces longer than 16 chars. [F00124]

Several Screen Editor improvements [F00105]:
- A new sorting order in Screen Manager has been introduced. This change shows the stacking order of objects and makes drag and drop objects possible.
- In the Screen Manager tab, when right-clicking a variable-expansion (the variable expanded with the object it is connected to) in the connected Data bus, an Edit option has been added.
- Improved support for multi selection function has been added.
- When selecting multiple objects in the Screen Page Layout pane/Screen Manager, It is now possible to move objects using arrow keys.
- Improved support for starting dialogues with default values has been added.
- Automatic choice of HW Ports (when applicable) has been added.
- Automatic increase of screen area that occupies the whole port area has been added (when

applicable).
- Dialogues have been changed to use standard Windows buttons
- Improved use of the Tab-key function has been added.
- Auto scroll has been added to Screen Manager and Screen Library.

The 64 bit version of Windows 7 is now supported. [F00063]

The icons have been updated and large icon support has been added. [F00123]

The white color scheme has been updated. [F00116]

Shortcuts for Compile All, Compile Changed, Error Check All, Error Check Changed, Break Reference Link to Page and Page Interface Editor have been added. [F00103]

Additional compiler support for Displays has been added. [F00054]

Additional download support for Displays has been added. [F00099]

Encode 8 has been updated. It is now possible to output arrays longer than 8 positions. Also, the generated C-code is more compact than previously. [F00110]

Support for graphical terminal applications that were created before the Screen Editor became available have been removed. [F00122].

Important Advisory- Potential User Issue

See the following website for a workaround if you are experiencing problems accessing network locations in Windows 7:

http://technet.microsoft.com/en-us/library/ee844140(WS.10).aspx

Due to new features affecting the SCS format, GUIDE versions 4.3 and earlier will not open SCS file types created with GUIDE versions 5.0 and later.

Due to new features affecting the project format, GUIDE versions 4.1 and earlier will not open P1X/P1P files created with GUIDE versions 4.3 and later. GUIDE version 4.2 will open projects created with 4.3 with a warning message (if enabled)

Projects containing objects saved with GUIDE versions 4.0 or earlier must be compiled before they can be saved as P1P files.

The user must exit GUIDE to install/uninstall other GUIDE versions.

It is advisable to complete all GUIDE processes before locking or hibernating your computer.

Do not rename GUIDE P1P/P1X files outside of the GUIDE program. Only rename projects using the GUIDE Save Project As… function.

Compatibility issues involving display projects using non-Roman fonts created in GUIDE version 3.0 may occur. It is strongly advised that the user make a back-up of these files before using GUIDE 4.3 and contact the PLUS+1 GUIDE Help Desk for further information before proceeding.

PLUS+1 GUIDE is only intended to work with one single user account.

In projects using several modules and objects, the Compile changed command can end with a failure due to the order in which the files are compiled. The workaround is to do another Compile changed.

In the text editor, strings longer than 509 characters in Screen Editor and Application Log may not compile.

Version 5.0.8—What is Fixed

Several fixes to the User Manual have been implemented.

[P100002061], [P100002060], [P100002040], [P100002038], [P100002054], [P100001971], [P100001940], [P100001777], [P100002068]

Performing many changes when working with large display projects sometimes caused a critical error. This has now been fixed. [P100002011]

Under certain circumstances a compiler error could occur in a large application that uses a Compiled Code Package (CCP). This has been fixed [P100002058].

The Shift Left and Shift Right components can malfunction when the number of positions to shift is variable and is greater than number of bits in the data type. This error affects MC hardware [P100002051] and has been fixed.

The Get Array Element component did not typecast to data type S8 (the User Manual described this error). This has been fixed. [P100002071].

The Arithmetic/Boolean Switch, Connect, Memory and Retype components has been changed to typecast to data type U8 and S8. This affects MC hardware [P100002090].

Dynamic NV components with data types U8 or S8 now work correctly in projects that uses MC hardware, [P100001799]

Error handling has been improved when renaming a P1P file and opening it. [P100001644]

The result of renaming a screen area in an area page is now handled in a more user friendly way. [P100001967]

Issues with having the API document from the HWD opened for viewing while exchanging the SYS-file have now been resolved. [P100002002]

An error message is now presented if more than 20 format codes are used in a string for displays or application log. [P100001970]

When using Query in the Module Viewer, the focus is now kept to the Module Viewer [P100002041]

Issues involving applications that contains pages with a page name longer than 16 chars have been fixed. [P100001607] [P100001491] [P100001587]

Array constants can now handle more than 48 characters. [P100001848]

Improved detection of not supported component versions [P100001862]

The boundary output on the Switch 16 Capped component only worked when connected to another boundary output. Otherwise a compiler error was generated. This has been fixed [P100001821]

On the Advanced Checkpoint component there was no check to see if the input was constant or not. This has been fixed. [P100002067].

Forward/Backward functionality has been fixed to function as standard applications. [P10000195]

Undo/Redo functionality in Screen Editor-Text/Image Register is now removed. Before it performed erroneous operation. [P100001991]

Changing language in a display application in the Screen Editor has been sped up significantly. [P100001978]

Moving multiple Screen Editor objects with the snap to grid option on now only snaps to the object with the lowest order. The other objects keep their relative positions. [P100002014]

Mouse wheel scrolling now works when a dialogue contains a vertical scrollbar. [P100001960]

Navigations within Screen editor pages using the Page Navigator now works correct when leaving pages. [P100001939]

Working with images in a copied folder containing images in a screen editor screen library previously created an error. This has now been resolved [P100002032]

Mouse wheel zoom problems when using a second monitor have been fixed. [P100001791]

The Error Messages tab displays compiler error messages. When a user clicks a compiler error message caused by an error within a view-disabled page, the closest view-enabled parent page displays along with an appropriate message. [P100000901].

An un-docked Inspector is now working correctly. [P100001934]

When canceling an Installation of HWD's, (i.e. not overwrite) the user information was misleading, this has now been fixed. [P100002031]

When adding images in screen editor, the default color depth is now controlled from the HWD. [P100002070]

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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