UniOP Designer Revision History

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1. Designer 5.03(00) [November 24, 1997]

1.1 Added

- Added Print Report feature.
- Added Pass Trough feature.
- Added Upload Protection feature.
- Added multilanguage support.
- Added possibility to interrupt a long communication timeout on a wrong communication port.
- Added new "Cancel" button inside the Get Panel Resources dialog box.
- Added support for 2 and 4 MB SSFDC cards used in VGA panels.

1.2 Modified

- Removed baud rates from printer setup: 150, 300 & 57600 baud.
- As Upload protection password it is only possible to use characters.
- The Communication Error Page number is automatically updated after deleting/inserting pages.
- Modified Transparent Bitmap button: now it is a toggle button.
- Message string recipe fields now are represented with "RRR" instead of "MMM".
- Communication Option baud rates: it is possible to select only 9600, 19200 or 38400 baud.
- The "Attach to controller" check box on the touch cell pasted inside a special page is now disabled.

1.3 Fixed

- Fixed bug with page name in the printer report dialog box.
- Fixed bug on graphic memory usage display.
- Fixed bug with transparent bitmap.
- Illegal operation when inserting new languages when default language is the last one.
- Transparent bitmap does not work for graphical touch cells but only for regular bitmaps.
- Now the attribute under transparent bitmap can be viewed also with monochrome panels.
- Message associated to the “Language” control variable was lost after editing the message strings.
- Wrong colour after switch from monochrome display to colour display.
- Fixed bug in Recipe memory calculation.
- Create new bitmap at any "Copy & Past" command. Now the Copy and Paste sequence uses the previous bitmap without adding a new bitmap.
- Wrong attribute handling inside the transparent bitmap.
- Wrong "hole" on transparent bitmap.
- Attribute field under data field does not work fine when some touch cells buttons are present on the page.
- Now the "download/upload" cancel button works fine also with 38.400 baud rate.
- Wrong spin button management inside S7 MPI dialog box (focus is lost with mouse down).
- Wrong text paste inside the special pages.

- Designer checks the panel memory size before starting the download. Download is not performed if panel memory is too small.

2. Designer 5.03.01 [December 04, 1997]

2.1 Added

None.

2.2 Modified

None.

2.3 Fixed

- Designer crashes in projects with more than 6 languages.
- Step Up/Down macro in data entry section had wrong step value after a project upload.

3. Designer 5.03.02 [December 17, 1997]

3.1 Added

None.

3.2 Modified

None.

3.3 Fixed

- Old panels (Firmware version 3.11a) without recipe memory return wrong code at the beginning of the download and download was not possible.

4. Designer 5.03.05 [March 09, 1998]

4.1 Added

None.

4.2 Modified

- Minimum page size in printout report is changed from 10 to 1.

4.3 Fixed

- Bad language names with 10 or more defined languages.
- Remove some bugs that cause problems after deleting printout reports.
- Fixed a bug visible with a crash when the page name are 40 characters long and project as more languages

5. Designer 5.03.07 [March 19, 1998]

5.1 Added

None.

5.2 Modified

None.

5.3 Fixed

- Corrected bug with multilanguage Message strings min/Max

6. Designer 5.03.11 [April 21, 1998]

6.1 Added

- Added the possibility to print a report without the FF character in the last page of the report (useful for printing labels)

- Now the Generic printer prints CR/LF at the end of line

6.2 Modified

- Increase the "Get Application Resource" command timeout. Now it is 20 seconds.

6.3 Fixed

- No more empty lines are added to fill small pages inside report printout when FF is not checked.
- Projects are not started automatically after download if a Get Panel Resource command is not executed before. With this bugs, some bitmaps or touch cells are not visible on the first panel page.
- VGA models do not start project when touch screen is not configured.
- Designer crashed after working with the old TC attached to controller.
- Start command on FW38 does not work properly when the user forgets to execute a Get Panel Resource before the download.
- Now, the download on FW38 does not start when the SSFDC card is not correctly inserted inside the panel.

7. Designer 5.03.12 [June 25, 1998]

7.1 Added

None.

7.2 Modified

None.

7.3 Fixed

- Minor changes in internal tags handling when UniNet is active.

8. Designer 5.05.01 [September 29, 1998]

8.1 Added

- Recipe menu module.

- Added support for 32K of recipe memory.
- New touch screen programming (buttons and selectors)
- Touch programming with Multilanguage support
- Now the presence of the touch screen is detected from the project file (and not from the designer.ini file)
- Added the new function to create the SSFDC file (instead of creating EPROM file) for the FW38 version.
- Check the protocol type supported from the panel before starting the download.
- Create a Backup copy (.bak) of the project files
- Enable macro definition inside the touch cells in the Event List special page.
- Add the possibility to print report without the FF in the last page.
- Pass-through commands can be launched from the Designer
- Added the /p 501 command line option.
- Added the /PrjFix command line option. Consistency check of the project is performed upon opening. Currently check for macros pointing to non-existing print reports and invalid Recipe Menu fields.
- Add the possibility to disable the Alarm Display Time and the Alarm Event Login.
- Renumber "Select data entry field" macros after inserting/deleting data fields.
- Add checkbox to disable the low battery LED alarm (Fault LED).
- In the case of multilanguage projects, the Copy/Cut/Paste functions work on all the languages.
- Add a new control variable with the "pass trough" status.
- The "next field" macro has a new checkbox. The automatic scroll, if necessary, is performed in data entry phase.
- Multipage recipes support
- Add support for Recipes Download Optimisation. Optimised DLLs: UPLC2, UPLC14, UPLC26, UPLC29, UPLC30, UPLC87, UPLC54, UPLC55, UPLC75, UPLC71.
- Add the new Ctrl-Shift-L shortcut to change the selected language without open the MultiLanguage selector dialog box

8.2 Modified

- New Ctrl-M memory window
- Now the FW38 bitmap are compress only when the compressed bitmap is smaller of the not compressed bitmap.
- Graphic memory increased to 1M.
- Alarm and Message strings can be 80 character long.
- The default separator character is the space character.
- Disable the number of the serial lines detection through the _bios_equiplist() calling. Now all four COM ports are always enabled and PCMCIA driver that support 16-Bit calls can be used.

8.3 Fixed

- Bug fix in the Ctrl-M memory size calculation
- Problem with bargraph in FW38
- Last ^M character inside the modem command strings was incorrectly translated to <CR>M
- Light/Dark grey exchange
- Fixed bug when switching from monochrome to monochrome panel (warning displayed only when necessary)
- Removed some bugs causing problems after deleting print reports

- Min/Max value limit for Dynamic Graphics
- Some bitmaps or touch cells are not visible on the first panel page.
- The negative values proposed from Designer inside the min/Max fields are not correct (-127 instead of -128 for bytes, -32767 for words, etc.).
- A double click on a dynamic graphic can freeze the Designer.
- Fixed a problem related to the message "No more memory for graphics in the panel" after inserting a new touch cell when the static bitmaps area is full.
- On some computers the Pass Through commands sent from the Designer are not working.
- Fixed one problem with project start in FW38 when some dynamic graphics fields are defined in big projects.

9. Designer 5.05.04 [March 15, 1999]

9.1 Added

- In the "Step..." macro command the new checkbox "Variable step size" has been added. The new feature requires firmware version 4.22 or higher. Older firmware versions ignore the new option.

9.2 Modified

- With display types 2x20 LCD and 4x20 LCD it is possible to enter alarm strings up to 40 characters in length. The panel will display the alarm text in two lines.
- Changed “Memory Used” dialog box behaviour. When project is bigger than the available memory, the shows the actual size instead of asterisks.

9.3 Fixed

- Fixed some problems related to older Designer versions. Found wrong data inside projects created with older Designer beta versions. Designer fixes these problem when project is loaded with the /PrjFix command line switch. Designer will display a warning message whenever detects this kind of problems, the warning message is shown before downloading the project. Problems are visible on panels: some macros do not work or panel resets when going to a particular page.
- Disabled float reference on momentary pushbutton touch cells. (Done only for UPLCxxx.DLLs where floating point is considered as a special format).
- Fixed bug in report option. When you define a report with header and footer and you select the Custom option for the position of the text either in the header or in the footer, Designer did not perform a correct calculation of the limits for this parameter. Designer compared the number entered with the display width in columns instead of checking the page width.
- With some projects, panel resets when displaying pages with dynamic graphic fields. (Problem was in undefined bitmaps that are not downloaded with proper 0 index).
- Project created with old Designer versions can, occasionally generate a Designer crash when you try to edit some dynamic graphics.
- Fixed problem visible with Designer crash when bitmaps in project do not have proper internal flags.
- Inside the Button Reference of "Illuminated pushbutton" it was not possible to select Read Only variables.

- Fixed bug in Data Transfer dialog box. If you define a "Data Transfer", and then you go back to the same dialog box and press the ESC key, you get a crash in Designer.
- Fixed transparent touch cell behaviour. New transparent touch cell can now be put anywhere on the page: over fields, attributes or text characters.
- In some particular situations, after a Copy & Paste operation, Designer crashed during the Save process.

10. Designer 5.06.00 [May 21, 1999]

10.1 Added

- Added PrjFix capabilities enhancement to corret bad projects.
- Added memory use optimization for multi-language projects.
- Added Alarm LED disable option: alarms can be now considered as “Message only”.
- Added support for 256 colors projects.
- Added possibility to change the selector’s color depending on the state.
- Added multi-states Indicator Light touch cells.
- Added support for 8MB memory card.

10.2 Modified

- The number of allowed 3D touch cells in one page is increased to 256.

10.3 Fixed

- Fixed a problem with project conversion from monochrome to color display.
- Fixed a problem with “Get Panel Resources” function when bitmaps were present on the project.
- Fixed a problem with Multilanguage projects when the Display Text macro was used: in some condition the text was sobstitute with a blanck string.
- Fixed a wrong Reference Dialog box in Fieldbus protocols type: now both Input and Output buffer can be selected as reference for the LED attached to controller.
- Fixed a problem with print report when some Triggers are defined not in the correct order. Now Designer sorts the trigger list before download the project file.
- Fixed a problem with 3D touch cells refresh in projects where a lot of touch elements are used.
- Fixed a problem with optimization done by designer on 3D touch cells when they were of the same size, but with different aspect.
- Fixed a problem with Copy/Paste functions of touch cells with a big number of programmed macro commands.

11. Designer 5.07.00 [February 28, 2000]

11.1 Added

- Added support for UniOP internal Controller
- Added warning message before removing old touch cells in case of display change.
- Added hourglass during Ctrl+M command and download. Designer does not freeze any more the PC.
- Added Overlapped Bitmaps feature. Dynamic Graphics and 3D touch cells can be placed over static images.
- Added new PrjFix feature to correct bad projects with too many bitmaps in dynamic graphics fields.
- Added 256 colors support for imported bitmaps in custom touches cells.

11.2 Modified

- Modified touch cell LED style in case of B&W displays.
- The Password macro has been added to the Event list mode of the Macro Editor.
- Designer did not handle more that 2000 controller references. Problem was visible with communication errors in case of projects containing a big number of controller references. Needs Firmware Version V4.24.

11.3 Fixed

- Fixed a problem visible under certain conditions in uploaded projects. The problem is visible when an uploaded project, using old touch cell style, is converted to the new 3D touch programming style.
- Fixed a problem with ROM file generation in case 16x40 display is selected and an SSFDC file is created.
- Fixed rare problem visible with Designer crash after touch cells font size modification.
- Fixed problem with touch cells LED attached to controller. The problem is visible with LED missing after save and reload the project file under particular conditions.
- Fixed a problem with imported graphics. The problem is visible under certain condition when a bitmap is not used any more in the project, and it is still present in the library.
- Fixed a problem with special pages customisation. Problem is visible with panel reset when a static bitmap is placed on the first rows of a special page. Placing graphic in the top most rows of special pages is not any more allowed.
- Designer did not report correct Memory Used value with projects bigger than 4MB.
- Fixed bug visible with a special customer project which used 8MB SSFDC Card.
- Fixed bug visible with "siamese twin" touch cells.
- Designer crashed in some machines when static text is deleted from a page where a Recipe Menu field is configured.
- Uploaded projects with UniNET network configured did not have Controller references.
- In the Keyboard Macro Editor the "Variable Step Size" setting was lost as soon the editor was closed.

- In some circumstances the upload of graphic projects with customised touch cells was not correctly handled. The custom bitmaps used in the touch cells were sometimes mixed.
- Designer did not download properly the Indicator Light touch cells in monochrome displays. Problem was visible with reverse colors.
- Touch cells without multiple state colors were not correctly converted to the new format with multiple colors and in some cases the color selected by the user was not saved in the project file.
- The total number of bitmap images that can be used in a project file is 2048 but only 512 of them can be static bitmaps. In previous Designer versions custom touch cells used static bitmap positions to store their images. In the current version of Designer the code has been optimized code not to use static bitmap positions for custom touch cells.
- Fixed problem wht 256 Colors VGA Panel display. The problem was visible with wrong colors when the project file is downloaded using a PC with video carrd properties set to 256 colors.
- Fixed bug with macros. The problem was occasionaly visible with macros that disappear because Designer incorrectly saved them.
- Fixed problem with bitmaps conversion from color to monochrome. High color bitmaps were converted without dithering.
- Fixed problem with memory optimization. Memory optimization in multilanguage projects with 3D touch cells and UniOP fixed fonts did not work resulting in higher than necessary memory usage.
- Fixed problem of panel reset. Panel resets when a report printout is started. The bug had been introduced in 5.06.03.00.
- Fixed bug causing Designer crash after a Cut/Past operation.
- Fixed bug causing Designer crash when old projects containing bad Report configuration are loaded.
- Fixed bug causing Designer crashes in Windows NT 4 when Copying&Pasting dynamic graphics fields.
- Fixed bug visible with Special Characters insertion.
- Fixed bug causing Designer crashes when Copying&Pasting command is used on Message Variables with Multilanguage projects when Multilanguage Copy Mode is enabled.
- Fixed bug visible with old touch cells when an empty macro list is associated: macro commands inserted later were copied also to others touch cells.
- Fixed bug causing a Designer crash when a big number of macro commands were programmed in touch cells in the same page (50 touch cells with 10 macro commands each).
- Fixed bug in the handling of language names: sometimes the list was blank.
- Fixed bug in ROM file preparation for B&W display with SSFDC memory card: the graphic part of the project was incorrectly copied with the project part of the ROM file.

12. Designer 5.07.01 [April 21, 2000]

12.1 Added

- Added a new parameter inside Designer.ini file. After installation Designer will perform automatically a “Find All” during the first program start-up.
- Added warning message when Internal Controller setup changes.

12.2 Modified

- Touch cell height can not be defined smaller than one character.

12.3 Fixed

- Fixed bug visible in projects generated with older versions of Designer. The problem generates Designer crashes due to bad attribute fields. The PrjFix switch is properly updated.
- Fixed bug in Multipage Recipe handling. Designer did not handle properly the Add Page / Delete Page commands when the page is part of a Multipage Recipe.
- The "Network Client" driver was visible under the list of available protocols. Now it is hidden. Problem was introduced in V5.07.00.
- Fixed bug visible with Designer crash during Recipe Upload with modified Data. Problem was introduced with V5.07.00.
- Fixed refresh problem in Designer Status Bar.
- Fixed bug visible with Designer crash due to project conversion from B&W display to Color display. Designer crashed when a B&W project containing touch cells was converted to Color with a Get panels Resources command.
- Fixed bug in Indexed Addressing fields. Indexed fields were not correctly inserted. Problem was introduced with V5.07.00.

13. Designer 5.08.00 [December 11, 2000]

13.1 Added

- Support for Data Acquisition and Trend
- Support for Gauges
- Variable references for MIN/MAX and Scaling
- Adjustable Timeout for the Automatic Logout Password
- Password Logout Macro Command (forces the password logout)
- Improved Font Support
- Support for Ethernet Networking
- Recipe and Event List back up on flash macro command
- UniLOAD support for FW58 panels
- UniLOAD support for Windows NT
- Macro commands for Internal Controller port assignment
- Improved project documentation utility (Report Designer)
- Visual Panel Setup data base
- Automatic Firmware upgrade procedure for FW58 panels.

13.2 Modified

- Improved support for graphics overlay
- Panel I/O support
- Touch cells cannot be placed over fields.

13.3 Fixed

- Multilanguage projects didn't start after download.
- Simple square touch cells had wrong colors on LCD B&W displays.
- Fixed bug visible in Designer crash when customer touch cells were changed to Windows style.
- Added PrjFix switch to fix a bug in Multipage Recipe handling. Problem was visible with Designer crash while opening a specific project.
- Fixed problem with bitmap images handling in Designer library. Bitmap names containing numbers were not correctly handled.
- Panel I/O was not accessible using certain controller drivers.
- Fixed problem visible with Designer crash uploading certain projects.
- Fixed problem visible with Designer crash when trying to download a specific project directly to the UniLOAD.
- Fixed small problem of system resources release when closing Designer.
- Using Opto22 Controller, the tag references, used in 3D touch cells, were not downloaded to the panel.
- Fixed problem visible in several communications retries when starting communication between Designer and panel.
- Fixed one problem visible opening a particular old project.
- Fixed problem with bitmaps compression visible, under certain conditions, in bad images on panel.
- Fixed problem visible with a corrupted project resulting in mixed bitmaps coming from different pages, displayed on the same project page. Added /PrjFix switch to automatically fix similar problems.
- Fixed problem visible with Designer crash creating macro commands in "old style" touch cells. The same problem could be visible using the CTRL-M command.
- Fixed problem visible using monochrome bitmaps on color panels. Monochrome bitmaps are now converted to color bitmaps before downloading to a color panel.
- Added support for 256 colors on custom touch cells. Bitmap using 256 colors can now be imported on custom touch cells.
- Bitmap color depth is now adjusted on panel setup change.
- Fixed 256 Colors problem support visible on the panel when Designer runs under WinNT.
- Added new PrjFix function; the entire report definition is removed from project structure when triggers are defined and no reports appear to be configured.
- Added new PrjFix function; bad customized touch cells with no corresponding bitmap in the project graphic library, are cleaned.
- Internal Controller setup is disabled when corresponding driver (UPLC89) is not present.
- Fixed problem visible in Control Variable address change after a copy&paste operation.
- Fixed problem visible in missing tag for attribute fields (needs UPLC89.DLL DLL V5.05 and greater).
- The first two lines of the Data Entry Page can now be customized.
- Fixed bug causing a Designer crash after a certain number of Ctrl+M commands done on a big project.
- Designer did not properly delete objects out of the display area when the display size was changed.
- Fixed bug visible in one special case of upload: two controller references were swapped.

14. Designer 5.08.01 [January 31, 2001]

14.1 Added

- Alarm strings can be programmed now of the same length of the page. SVGA and XVGA panels size were not supported.
- Added combo boxes for "Internal control variables" in Gauge and Trend Buffer properties dialogs.

14.2 Modified

- Touch cells of Windows+Custom type doesn't shrink bitmap to create the border. The border overlays now the bitmap.
- Floating toolbar modified. The Indicator Light is disabled if the panel does not support touch screen.
- Modified support for 256 colors. Images are now properly converted under all operating systems (9x,ME,NT,2K).
- Modified support for Min/Max/Old fields in customized Data Entry page to get compatibility with old projects.
- It is not any more possible to overlay two touch cells. Various changes on objects overlay support.

14.3 Fixed

- Fixed problem visible in missing controls in dialog boxes. The problem was only visible using WinNT and Win2K OS under specific circumstances.
- Fixed visualization problem in "Change Controller Driver" dialog box. The "Network Client was sometimes visible in the list.
- RELEASED macro commands programmed inside 3D touch cells were not copied when at least one macro was defined inside the PRESSED or in the AUTOREPEAT mode.
- Fixed a problem visible sometimes with Designer crash when changing the model in Panel Setup.
- Fixed a problem visible under certain conditions with a Designer crash when changing touch cells style.
- Fixed problem visible with a power cycle after a download. Using a specific project the panel started correctly after the download, but it didn't go in Operation Mode after a power cycle.
- Illuminated pushbutton with "windows" look on black&white panels did not manage correctly the "light status".
- Added PrjFix switch to automatic fix bad defined customized Data Entry Page. The problem was visible with panel reset when attempting to enter the customized page.
- Fixed problem with copy/paste of trend macro commands on a page without trend windows defined. (Previous modification did not fix completely the problem in all the cases where more than one macro was programmed for the same touch cell).
- Fixed problem visible in Designer crash uploading project created with nice fonts.
- Fixed problem visible with Designer crash when following the sequence: in alarm dialog box, click on the box "On alarm go to page" and press ESC.

15. Designer 5.08.04 [May 30, 2001]

15.1 Added

- Extended support for static bitmaps. The maximum number of static bitmaps is now extended to 2048. Requires firmware V4.40H or greater.
- UniKEY: added support for double size characters. Requires firmware V4.40H or greater.
- UniSSFDC: memory card bad blocks handling.
- Added support for special I/O module buffer size and special RDA handling for LEDs. Requires special firmware and special protocol.

15.2 Modified

- PrjFix switch enhancements.
- Removed a wrong error message displayed when changing display size in panel setup on Generic Model.
- Panel setup: Generic Model is automatically selected without warning if the project or the panel does not contain model identification code.
- Touch cells can now be overlayed with attribute fields.
- Modified support for graphic objects overlay when preparing projects for firmware 58 panels.
- Extended Data Entry feature can now be disabled by removing the check in the "Extended Data Entry" check-box in the Panel Setup.
- Improved Multilanguage support for touch cells. Touch cells containing the same string for all languages are optimized.
- Panel touch code recognition mechanism changed to support XSVGA displays.
- Modified tag support to correctly handle new Ethernet based protocols using tags.

15.3 Fixed

- Change language did not work on Selector Switch touch cell legends.
- Fixed problem visible with a wrong selection of colors for the "Selector Switch" touch cells. The problem was visible opening projects developed with older Designer versions.
- Fixed problem visible starting the upload of a specific project. Designer did not handle properly the use of several different font types in the touch cells.
- Nice fonts were not correctly downloaded when the zoom factor in Designer was different than 100%
- UniSSFDC: temporary files created during memory write sessions are now removed from Windows temp directory.
- Fixed refresh problem in Designer visible when moving touch cells over attribute fields.
- Fixed problem visible sometimes with Designer crash during a panel change from panel Data base. The problem is related with the Extended Data Entry Support.
- Fixed problem visible with Designer crash when uploading a project made for a firmware version not described in the panel data base.
- Fixed problem visible with Designer crash when downloading projects prepared for Simatic S5 Old driver.
- Fixed problem in EL displays handling. Indicator lights cells had reversed colors.

- Fixed problem visible with a change in the field reference after the insertion in the page of a field with dynamic references for MIN/MAX and scaling factors.
- Designer could crash performing the Ctrl+M command using Internal Controller driver, when a Data Format, of a certain field, is changed from Numeric to ASCII and then back to Numeric.
- Dynamic References for scaling factors were grayed out using some drivers. Needs updated driver.
- Dynamic References did not work properly using Float Data Format. Requires firmware V4.40H or greater.
- ReportDesigner: the application did not start when the project was stored in a path too deep.
- ReportDesigner: fixed problem visible in wrong cell position in the printout result.
- "Multipage recipe" flag status was not restored when closing and opening again a certain project.
- "Indexed" button was shown when the "Reference" check box was un-checked while defying a dynamic scaling factor. The extended PLC Reference dialog box was working only ones. The full "bug fix" requires a re-compiled version of the UPLCxxx.DLL file. As workaround the define field dialog box can be opened two times.
- Old "Windows" style touch cells were bad downloaded to the panel using Win2K OS.
- Fixed problem visible in Designer crash when changing RDA area setup.
- Fixed problem visible in Designer crash when configuring the buffer trend on PLC.
- ReportDesigner: fixed printing problems visible using specific printer drivers.