Release Notes
MCL-Designer Package 4.04

Author : MCL-Technologies – QA Department

Package details

Package Nb.	Date	MCL-Designer.exe	MCL-Simulator.dll	MCL-License.exe AppInstall4.exe AppLauncherSDK.dll	Notes
4.04.P27	11/08/2015	**4.4.3.0-1300**	**4.4.70.10783** rev10809	1.02.05-34 4.0.8-032 4.4.20.7847	
4.04.P26	24/06/2015	4.4.2.9-1223	4.4.56.9453 rev9925	1.02.05-34 4.0.8-032 4.4.20.7847	
4.04.P25	12/06/2015	4.4.2.7-1221	4.4.56.9453 rev9925	**1.02.05-34** 4.0.8-032 4.4.20.7847	
4.04.P24	05/06/2015	4.4.2.6-1218	4.4.56.9453 rev9925	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P23	29/05/2015	4.4.2.5-1217	4.4.54.9453 rev9771	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P22	26/05/2015	4.4.2.4-1216	4.4.54.9453 rev9771	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P21	06/05/2015	4.4.2.3-1214	4.4.52.9453 rev9580	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P20	17/04/2015	4.4.2.2-1209	4.4.50.9232 rev9367	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P19	13/04/2015	4.4.2.1-1206	4.4.50.9232 rev9367	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P18	01/04/2015	**4.4.2.0-1205**	**4.4.50.9232** rev9320	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P17	20/03/2015	4.4.1.6-1106	4.4.39.8982 rev9088	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P16	06/03/2015	4.4.1.5-1105	4.4.37.8592 rev8873	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P15	27/02/2015	4.4.1.4-1104	4.4.33.8592 rev8595	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P14	20/02/2015	4.4.1.3-1103	4.4.33.8592 rev8595	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P13	13/02/2015	4.4.1.2-1102	4.4.33.8592 rev8595	1.02.01-19 4.0.8-032 4.4.20.7847	

4.04.P12	06/02/2015	4.4.1.1-1101	4.4.30.8432 rev8507	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P11	02/02/2015	**4.4.1.0-1100**	**4.4.30.8432** rev8432	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P10	20/01/2015	4.4.0.9-1019	4.4.2.7957 rev7992	1.02.01-19 4.0.8-032 4.4.20.7847	
4.04.P09	16/01/2015	4.4.0.8-1018	4.4.2.7957 rev7992	1.02.01-19 4.0.8-032 **4.4.20.7847**	
4.04.P08	19/12/2014	4.4.0.7-1016	4.4.2.7957 rev7992	1.02.01-19 **4.0.8-032** 4.3.0-4359	
4.04.P07	12/12/2014	4.4.0.6-1015	4.4.2.7957 rev7992	1.02.01-19 4.0.7-031 4.3.0-4359	
4.04.P06	05/12/2014	4.4.0.5-1014	4.4.0.7352 rev7633	1.02.01-19 4.0.7-031 4.3.0-4359	
4.04.P05	28/11/2014	4.4.0.4-1012	4.4.0.7352 rev7633	1.02.01-19 4.0.7-031 4.3.0-4359	
4.04.P04	21/11/2014	4.4.0.3-1011	4.4.0.7352 rev7633	1.02.01-19 4.0.7-031 4.3.0-4359	
4.04.P03	14/11/2014	4.4.0.2-1010	4.4.0.7352 rev7633	1.02.01-19 **4.0.7-031** 4.3.0-4359	
4.04.P02	12/11/2014	4.4.0.1-1008	4.4.0.7352 rev7633	1.02.01-19 4.0.6-030 4.3.0-4359	(1)
4.04.P01	07/11/2014	4.4.0.0-1007	4.4.0.7352 rev7633	1.02.01-19 4.0.6-030 4.3.0-4359	

Notes:

(1) In the designer installer package (MCL_DESIGNER_0404P02.exe) AppInstall4.exe version 4.0.7-031 was included

Please Note:

1. We recommend that you Save & Close the project 'under development' and back-up the MCL-Designer installation folder before doing the update.

2. Converted projects or projects saved with MCL-Designer 4.4.3.x cannot be opened with MCL-Designer 4.4.2.x or lower, unless you choose 'Convert to' or 'Save As'

MCL-Designer Change logs – Version 4.04.P27

MCL-Designer update to 4.4.3.0-1300

- **New Features**

  - ✓ MCL-Designer Library extension

    - ▪ It is now possible to choose between Export Options: MCL-Designer Source code or MCL-Script (executable) when exporting a Program, Global Procedure, Global Event component the Library.
      MCL-Designer Source code: is the traditional way of exporting components to the library
      MCL-Script (executable): is a new supported method that only exports generated *.mcl files without any source code. This has the advantage that, after importing it in a project, the component is not re-generated each time the project is rebuilt, so you can use the component as a fixed shared library. The *.mcl files are obfuscated, so that the files cannot be modified and that only MCL-Client can read it.

  - ✓ Web Service (REST) usability improvements

    - ▪ A new process have been added, that simplifies how to program a REST Web Service call and/or how to parse the response (XML or Json body) of a Web Service. Refer to the MCL-Designer documentation for full details.

  - ✓ Rotate/Flip images [1]

    - ▪ It is now possible to program to rotate and/or flip existing images. So you can re-use a single image (e.g. an arrow) that is then rotated and/or flipped at runtime.

  - ✓ Trigonometric and advanced mathematical functions

    - ▪ We added Advanced Arithmetic functions (e.g. abs, floor, …),
      Trigonometric functions (e.g. sin, cos, asin, …) and
      conversion routines to and from degrees & radians.
      The existing mathematic functions (+,-,*,/) are now grouped in 'Basic Arithmetic' category.

  - ✓ MCL-Designer auto-update keeps previous version of MCL-Designer

    - ▪ From MCL-Designer 4.4.3.0-1300 onwards, Designer archive's the current version on the local machine before executing a Designer auto-update.
      This way, after updating Designer to a new version, in case you open a project that was created with a previous version of MCL-Designer and that version is available in the archive, then MCL-Designer will offer the choice to open the project with that previous version or with the new version of Designer.

  - ✓ Offline activation for MCL-Designer

    - ▪ It is now possible to activate MCL-Designer if the workstation on which the product is installed is not connected to the internet.

  - ✓ Camera Preview on Android [1]

    - ▪ Previewing camera images is now also possible using Android devices in analogy with the Windows-based devices. An accept or decline button is available to continue with the picture taken or ignore the picture taken.

  [1] Running this new feature on a device requires MCL-Client/Runtime 0404P70 or higher

- **Enhancements**

  - ✓ Optimization on the project generation speed: once the MCL generated code of project is loaded in cache, in case you simulate or send to device, now only the programs modified are re-generated

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- ✓ Consistent behavior for overlay screens: the behavior of overlay screens is now consistently implemented for both Android and Windows devices[1]

- ✓ Web Service (SOAP): Various enhancements when parsing a WSDL and corresponding bindings for the input(=request-message), output(=response-message) or fault(=fault-message)

  Note that:

  - The WSDL parsing capabilities and corresponding bindings of MCL-Designer are "best effort"
    If MCL-Designer does not list all the elements of a request-, response-, or fault-message in the '*Web Service SOAP*'-process, you can use the '*HTTP-Request*'-process to send a SOAP-request and use the '*Read value's from XML*'- or '*Create Datafile from XML-array*'-process to parse the SOAP-response

  - MCL-Designer supports the most widely used 1.1 version of WSDL and corresponding bindings for SOAP 1.1

  - The now-obsolete SOAP-Encoding standard (used for specifying XML contracts before XML Schema was formalized) is supported partially (e.g. SOAP encoded definitions for arrays are not supported)

- ✓ Select Image Assistant: Now also a thumbnail image is shown for very large images dimensions

- ✓ Aux.- Receive Data: The process configuration screen has been reviewed, now you can specify an "End of Data"-character AND a maximum length, whatever is received first will end the read.

- ✓ It is now possible to change the order of Programs and Global Procedures in the treeview list

- ✓ Various small user interface improvements

  (1) Running this enhancement on a device requires MCL-Client/Runtime 0404P70 or higher

- **Bug Fixes**

  - ✓ Input Keyboard/Barcode: Potential error in the generated code when routing "Enable Test" flag is checked

  - ✓ Signature Capture: Potential error in the generated code if the filename is obtained from a variable

  - ✓ Advanced Listbox: default position "0" can now be set for Advanced List Boxes (0 = use content of Variable Value as default Position)

  - ✓ Advanced Listbox: The value of a Text can now be localized

  - ✓ Typo corrections in various screens

  - ✓ Other bugfixes and general stability improvements to MCL-Designer

MCL-Simulator 4.4.70-10783 (rev 10809)

Updated MCL-Simulator files to support changes/additions in Designer/Client V4.4.3.x

- **Enhancements**

  - ✓ Write to Ini file – text file encoded with BOM are now also supported

  - ✓ Input KeyBoard – Multiline – The Enter-key now generates a new line when inputting text

- **Bug Fixes**

  - ✓ Local Database – Select Record – datatype real to string, bad conversion

  - ✓ Input KeyBoard – Multiline – Ctrl+Enter clears the text

- ✓ Parsing Json data to Variables – datatype real to string, bad conversion
- ✓ Input KeyBoard/barcode – empty default value doesn't clear the value in the result variable (fix=now it does clear the result variable)
- ✓ File Read ini – doesn't work if file is already open
- ✓ Get Host File Info – potential crash when requesting file info on a file that doesn't exist
- ✓ X_Datetime_Time – the value of X_Datetime_Time is not according to the regional date/time language settings
- ✓ Graphical objects – objects(e.g. input list, source=datafile) are not updated if the object is not visible
- ✓ Other bugfixes and general stability improvements to MCL-Client

MCL-Designer Change logs – Version 4.04.P26

MCL-Designer Version 4.4.2.9-1223

- • **Enhancements**
  - ✓ Set/Get Host Address: added support for Host of type 'Webservice'
- • **Bug Fixes**
  - ✓ Web Service (SOAP) profile: Importing a multipart-WSDL with full URL Schemalocation references fails
  - ✓ Web Service (SOAP) profile: Various improvements in error handling in case loading the WSDL for the given URL fails
  - ✓ Send to Device (USB): Designer stops responding in case you cancel the operation while Designer is still copying the project to the device

MCL-Designer Change logs – Version 4.04.P25

MCL-Designer Version 4.4.2.7-1221

- • **Bug Fixes**
  - ✓ License activation: Various enhancements and stability improvements

MCL-Designer Change logs – Version 4.04.P24

MCL-Designer Version 4.4.2.6-1218

- • **Enhancements**
  - ✓ GUI: 10px are added to the screen window size, so you can more easily resize objects that are fully positioned on the left or bottom of the screen

- ✓ GUI: Using Ctrl + D&D to duplicate objects on screens is now less sensitive, to avoid unwanted duplicates when using the Ctrl to select multiple objects
- ✓ Signature Capture: newly created Signature Capture objects no longer have "Tab Stop" enabled by default (previous enhancement reverted)

- **Bug Fixes**
  - ✓ GUI – Treeview - Global Procedure: Potential problem with scrollbar, not all children are listed and you cannot scroll more down to see all
  - ✓ GUI – Treeview – Global Procedure: When saving the project, the global procedure tab in the treeview in closed for no reason
  - ✓ GUI – Input Date: Potential problem when rendering the Input Date object in designer, the date separator doesn't match the project preferences
  - ✓ Generate Screenshots – Localization Language: When the project preview is switched to another localization language, the project screenshots are still generated in the default localization language
  - ✓ GUI – Import Data File from Library: Potential problem displaying the Data File alias reference in the process description
  - ✓ GUI – Designing auto-rotating screens: when screen is rotated in MCL-Designer, no X-Y coordinates-, width-, height- values are displayed in the object's properties screen

MCL-Simulator 4.4.56-9453 (rev 9925)

- **Bug Fixes**
  - ✓ input cash, date & time - tabstop enabled: in case ENTER is pressed on the object previous in the taborder list, these objects are skipped in the taborder list
  - ✓ signature capture - tabstop enabled: pressing ENTER doesn't result in going to next object in taborder
  - ✓ slider - tabstop enabled: pressing ENTER doesn't result in going to next object in taborder

MCL-Designer Change logs – Version 4.04.P23

MCL-Designer Version 4.4.2.5-1217

- **Enhancements**
  - ✓ Signature Capture: newly created Signature Capture objects now have "Tab Stop" enabled by default

- **Bug Fixes**
  - ✓ Screen Orientation: the objects position of landscape are not maintained when changing the screen property orientation from auto to landscape
  - ✓ Process Variable Search: the Parameter "Result Start Position" must be mandatory (otherwise you get a syntax error on the MCL-Client)
  - ✓ Verify Project: broken links on "Go to" '(e.g. on error go to screen3, but screen3 was deleted) are not listed when you verify the project

MCL-Designer Change logs – Version 4.04.P22

MCL-Designer Version 4.4.2.4-1216

- **Bug Fixes**

  - ✓ Advanced List Style: if you press ok or cancel in the advance list configuration screen, the text in the buttons will change from empty to the default value

  - ✓ Search: Search for an image (button) referenced in Advanced List Style used in the project does not give any results

  - ✓ Menu Button: when you D&D a menu button from control to screen, the style is undefined

  - ✓ Data File – File Data Viewer: UTF-16 text encoded datafile not properly decoded in MCL-Designer

  - ✓ Signature Capture: Error in the generated code for the header- or footer-text for rotated screens

  - ✓ Input Keyboard/Input Barcode: minimum length reset to default value after setting maximum length value

  - ✓ Signature Capture: Potential mismatch when rendering the signature capture object on screen

  - ✓ Multiple Typo corrections in various screens

- **New MCL-Designer Device Plugins**

  - ✓ Motorola MC17

  - ✓ Datalogic Elf (VGA & QVGA)

  - ✓ Intermec CV30

MCL-Simulator 4.4.54- 9453 (rev 9771)

- **Enhancements**

  - ✓ Signature Capture: added support for double coordinates to display header- and footer text in auto-rotate screens

  - ✓ Input Keyboard/Barcode: for the ESC key the following exception is added: In case the input is NOT empty, the ESC key will clear the input field. If the input field is empty, the ESC key can trigger an hotkey event. In general the priority of handling the hotkeys-events is according to these rules

- **Bug Fixes**

  - ✓ LocalDB – Export from DB to file: Potential crash when exporting more than 64kb to file

  - ✓ Combo Box/Input List: When returning to the screen, potentially the combo box does not return to the previous selected/highlighted option

  - ✓ Combo/Input List/Advanced List/Grid – using LocalDB as datasource: Potential crash when the data result-set is very large (e.g. 10K records)
    Now in case the result-set exceeds the remaining memory available, the result-set is ignored and 0 records are displayed. In general displaying a result-set of more than xxx records is not best practices

  - ✓ Exit: Potential crash when an exit is called and "Show Toolbar" is unchecked

MCL-Designer Change logs – Version 4.04.P21

MCL-Designer Version 4.4.2.3-1214

- **Enhancements**

  ✓ Web Service (SOAP): Various enhancements when parsing a WSDL and corresponding bindings for the input(=request-message), output(=response-message) or fault(=fault-message)

    Note that:

    - The WSDL parsing capabilities and corresponding bindings of MCL-Designer are "best effort"
    If MCL-Designer does not list all the elements of a request-, response-, or fault-message in the '*Webservice SOAP*'-process, you can use the '*HTTP-Request*'-process to send a SOAP-request and use the '*Read value's from XML*'- or '*Create Datafile from XML-array*'-process to parse the SOAP-response

    - MCL-Designer supports the most widely used 1.1 version of WSDL and corresponding bindings for SOAP 1.1

    - The now-obsolete SOAP-Encoding standard (used for specifying XML contracts before XML Schema was formalized) is supported partially (e.g. SOAP encoded definitions for arrays are not supported)

- **Bug Fixes**

  ✓ Web Service (SOAP): Various bugfixes when parsing a WSDL and corresponding bindings for the input(=request-message), output(=response-message) or fault(=fault-message)

  ✓ Designer Update: Designer doesn't re-open the working project after update

  ✓ Menu Button: Potential false verification error in case 1st item in the list is undefined

  ✓ Optimization on the project generation speed: empty lines are added to the generated code in cache

  ✓ Various user interface fixes

- **New MCL-Designer Device Plugins**

  ✓ Motorola MK3100

  ✓ Honeywell Thor CV31

MCL-Simulator 4.4.52- 9453 (rev 9580)

- **Bug Fixes**

  ✓ Signature Capture: In some cases the border of the graphical object is not displayed

  ✓ Input KeyBoard/Barcode: In case the input value is validated false, the object control does not accept further inputs of the current value until focus is moved

  ✓ LocalDB: Import Local File into database doesn't work anymore

  ✓ Formula: sqrt(0) is calculated incorrectly

  ✓ Formula: round(x) formula with x < 0 is calculated incorrectly

  ✓ Display Text: Text wrapped differently then on Android Client

  ✓ Screen Properties: Show Toolbar (Y/N) setting is lost after unstacking

MCL-Designer Change logs – Version 4.04.P20

MCL-Designer Version 4.4.2.2-1209

- **Enhancements**
  - ✓ Web Service Profile (SOAP): Various enhancements when reading and parsing a WSDL for a MCL-Designer webservice profile
  - ✓ Generate/Simulate/Send to Device: Optimization on the project generation speed, in case the project contains Remote DB queries

- **Bug Fixes**
  - ✓ Web Service Profile (SOAP): Various bugfixes when reading and parsing a WSDL for a MCL-Designer webservice profile
  - ✓ "Menu button"- and "Button"-style configuration – Advanced tab: 9-patch image margins may not exceed the image source dimensions
  - ✓ Remote Database – Get (Full) Table(s) Structure: potential Designer crash when commanding to retrieve the (partial) remote db schema

MCL-Designer Change logs – Version 4.04.P19

MCL-Designer Version 4.4.2.1-1206

- **Enhancements**
  - ✓ Simulate/Send to Device: Optimization on the project generation speed, 20% faster, if "Verify MCL Code before sending to device" is disabled in Tools/MCL-Designer Setup

- **Bug Fixes**
  - ✓ Branch "Call Action": Potential GUI problem when clicking OK or Cancel button (buttons don't work) when minimizing the configuration screen
  - ✓ Project Search: wallpaper images specified in the screen properties are not found by the search function
  - ✓ Project treeview: the project treeview is not refreshed after using the MCL-Designer Project recovery and opening the project in original state
  - ✓ Project Verify/Generate: some cases configuration errors of inactive configuration properties lead to false verifications errors
  - ✓ Project Search: Potential Designer crash when specifying what variable to search
  - ✓ Tools – Icon Generator: This function is NOT inactive when no project is open

MCL-Simulator 4.4.50- 9232 (rev 9367)

- **Bug Fixes**
  - ✓ File Update: Potential file corruption when doing a update record on a datafile encoded UTF-16

MCL-Designer Change logs – Version 4.04.P18

MCL-Designer Version 4.4.2.0-1205

- **New Features**

  ✓ New Process – Control Get Property: Get property values from graphical objects (e.g. selected line number, return value, highlighted line number etc.) [1]

  ✓ Application Icons/Icon Generator: Tool to quickly create application icons

  ✓ New Configuration option for Graphical Objects Input Date & Time: Input Format can now also be defined [1]

  ✓ New Style Configuration options for "Menu button"- and "Button"-style: In advanced mode the 9-patch margins can now be defined

  [1] Running this new feature on a device requires MCL-Client/Runtime 0404P50 or higher

- **Enhancements**

  ✓ Variable Select/Assign GUI assistant – Floating window: The variable window can now remain visible in a separate window during the development of an MCL-application

  ✓ Branch SubRoutine – Run Process: Third party applications started from App Desktop can now be started "on-top" [1]

  ✓ LocalDB – Free SQL Statement: Added ability to store number of affected records into variable[1]

  ✓ Key-event priorities: The priority of handling the hotkeys has been optimized, see details [1]

  ✓ Remote DB to Local File – Query: added where operands NOT LIKE, NOT IN

  ✓ Adding Remote DataSource: When adding a new remote datasource, ask the user to load the Table Structure (of all tables or selected) now or later

  ✓ LocalDB – Import file into DB: Added support to import files encoded in ANSI, US-ASCII, Windows-1252, ISO_8859_1 (before only UTF-8 was supported)

  [1] Running this enhancement on a device requires MCL-Client/Runtime 0404P50 or higher

- **Bug Fixes**

  ✓ LocalDB – Free SQL Statement: Error in the generated code in case no records found

  ✓ Webservices REST Json & Xml – Error handling: Error in the generated code in case parsing error

  ✓ Case & Branch: Error in the generated code in case operand is "String Match"

  ✓ Host Services – Remote File Operations – Write into Hostfile: Empty packet fields skipped (GUI error)

  ✓ Generate Report – Developer Report: For some sections the text was not wrapped

  ✓ Search: in case you search for the splash image file in the open project, Designer goes into endless loop

  ✓ Minor user interface fixes

MCL-Simulator 4.4.50- 9232 (rev 9320)

Updated MCL-Simulator files to support changes/additions in Designer/Client V4.4.5.x

MCL-Designer Change logs – Version 4.04.P17

MCL-Designer Version 4.4.1.6-1106

- **Enhancements**
  - ✓ Signature Capture – In case you select an unsupported image file format, the verifier will report this as an error (some devices don't support reading & writing jpg- & png-image files)
  - ✓ Minor user interface improvements

- **Bug Fixes**
  - ✓ Import from Designer V3 – Potential error in the generated code of File Update processes (imported from Designer V3)
  - ✓ Application Splash Screen – In some cases even when specifying no splash screen, still a splash screen is displayed
  - ✓ Import from Designer V3 – Potential Designer crash when closing a graphical object or process configuration screen(imported from Designer V3) that contains 2 or more labels with the same name

MCL-Simulator 4.4.39- 8982 (rev 9088)

- **Bug Fixes**
  - ✓ Pop-up screen – the toolbar(it contains the screen title) is wrongly updated when returning from Pop-up screen
  - ✓ Combo Box – in case you use only the keyboard to select another record in the list, the newly selected value is not displayed in the object, until the focus moves to another object

MCL-Designer Change logs – Version 4.04.P16

MCL-Designer Version 4.4.1.5-1105

- **Bug Fixes**
  - ✓ Multiple minor user interface improvements
  - ✓ Selecting a Datafile for Processes – Due to an error in the GUI you can edit an undefined datafile, this results in a Designer crash
  - ✓ Time Out Settings for Processes – Error in the generated code of the 'branch to' reference(s) of the Time Out command

MCL-Simulator 4.4.37- 8592 (rev 8873)

- **Bug Fixes**
  - ✓ Background screen, not displayed correctly when rotating a Pop-up screen (= screen where the property clear screen is not checked)

MCL-Designer Change logs – Version 4.04.P15

MCL-Designer Version 4.4.1.4-1104

- **Bug Fixes**

- ✓ File Browse & Grid – Potential error in the generated code in the on change event
- ✓ Advanced List – Textfields not mapped with a datafield, still show data of datafield 1
- ✓ Advanced List Style – Potential error in the generated code of Advanced list-objects after deleting a conditional button in the style
- ✓ Advanced List Style – Transparent Background color not supported (now the option is removed from Designer)
- ✓ Display Line & Shape – Designer does no longer rendered these objects in the correct size, therefore resizing these objects also could fail.
- ✓ Project Open – In case Designer opens a project referring to missing custom theme, project is opened with default theme but without notifying the user
- ✓ Rotated Screen – Bad initial size and position of newly added graphical objects
- ✓ Open Project – In case you drag & drop a MPRJ file on an open screen, Designer wrongly assumes you want to drag & drop an image file to this screen
- ✓ Display Button Style – Preview is not rendered correctly
- ✓ Advanced List Style – Potential error in the preview for buttons with images
- ✓ Multiple minor GUI corrections:
  - ▪ Modified the hint text of the 'Date & Time Custom Format' icon
  - ▪ Modified the title of the 'Date & Time Custom Format Assistant'
  - ▪ In case no item is selected in the 'Date & Time Custom Format Assistant', value '-1' is returned

MCL-Designer Change logs – Version 4.04.P14

MCL-Designer Version 4.4.1.3-1103

- • **Bug Fixes**
  - ✓ Generate Project – Potential Designer crash during Mcl-code generation if several 'remote data sources' are defined
  - ✓ Webservice Rest/Json&Xml – Error in the generated code in the 'If … Error Go-to' section
  - ✓ Advance list box style – Image configuration – Unselected Image position is always set to 'Best fit area'
  - ✓ Button Style – Potential error in the generated code of button styles with an image, as a result the image is not displayed

MCL-Designer Change logs – Version 4.04.P13

MCL-Designer Version 4.4.1.2-1102

- • **Bug Fixes**
  - ✓ Graphical Objects – potential problem when resizing a graphical object after copying the object from a portrait- to a landscape-screen
  - ✓ Search Project – Variables used in 'Param In' or 'Param Out' of Global Procedures were not found

- ✓ Search Project – Images used in conditional field value of an Advanced List were not found
- ✓ File Delete Records – Delete All Records Where Field Name… – No validation error message when you specify the same field more the once
- ✓ Advanced List – Fill list with value – Error in the generated code in case the value is a variable
- ✓ Display Text – in case you specify system variables 'date' or 'time', instead of showing the current date and time on screen, you resp. see text X_DATETIME_DATE and X_DATETIME_TIME

MCL-Simulator 4.4.33- 8592 (rev 8595)

- **Bug Fixes**
  - ✓ Http Request – Part of the header definition (Accept: …)was replaced by a different header definition(Accept: */*)

MCL-Designer Change logs – Version 4.04.P12

MCL-Designer Version 4.4.1.1-1101

- **Bug Fixes**
  - ✓ Loading Json Schema – Potential parsing error when loading Json Schema in MCL-Designer
  - ✓ Graphical objects – Query Where Clause – GUI error when using the variable select in query assistant

MCL-Simulator 4.4.30- 8432 (rev 8507)

- **Bug Fixes**
  - ✓ Advanced List Box - Conditional images in Buttons - Image not displayed when the condition is met

MCL-Designer Change logs – Version 4.04.P11

MCL-Designer Version 4.4.1.0-1100

- **Enhancements**
  - ✓ Application Splash Screen - can now be defined/edited from within MCL-Designer
  - ✓ Open Project - an existing MCL project container (=*.MPRJ file) can now be opened by dragging and dropping it onto MCL-Designer

- **Bug Fixes**
  - ✓ Advanced List Box Style – Potential error in the generated code for new images and text in an advanced list box style
  - ✓ Local database - Potential Designer crash when entering invalid data into a date field
  - ✓ Graphical objects - Potential wrong initial size when dragging & dropping new graphical objects onto a rotated screen

MCL-Simulator 4.4.30- 8432 (rev 8432)

- **Bug Fixes**

- ✓ SIP not launched - When entering data in input field, the SIP did not launch nor was physical keyboard usable (Windows 8 only)

- ✓ Advanced List Box - Conditional images in Buttons - Image not displayed when the condition is met

MCL-Designer Change logs – Version 4.04.P10

Designer Version 4.4.0.9-1019

- **Bug Fixes**

  - ✓ Graphical Objects using Local DB: potential error in SQL of generated code (when using a where statement)

MCL-Designer Change logs – Version 4.04.P09

Designer Version 4.4.0.8-1018

- **Enhancements**

  - ✓ RFID: added support for RFID tags with user memory bank of 16 Bytes

- **Bug Fixes**

  - ✓ Remote DB - DB to local file: is limited to a maximum of 999 records (now all records is supported)

  - ✓ Advanced List - Join Tables: potential error in SQL of generated code

  - ✓ Input Time - Output format: generated code for Output format HH:MM is incorrect

  - ✓ Treeview - Context Menu: potential link error on Properties of graphical object

  - ✓ Designer Project File - Save: in some exceptional cases no Designer Project File is created when saving project

  - ✓ Json array to File: the maximum number of datafields to parse is limited to 40 (now it is 64=max. supported datafields in datafile)

  - ✓ Data File – design: Potential Designer crash while designing a datafile

MCL-Designer Change logs – Version 4.04.P08

Designer Version 4.4.0.7-1016

- **Bug Fixes**

  - ✓ Workspace: potentially the orientation of some open screens was displayed incorrectly after generating a report

- **New MCL-Designer Device Plugins**

  - ✓ Intermec CK71

- **MCL-Designer-Update-Service update**

✓ GUI bugfix: progress bar not displayed after retrying a download

MCL-Designer Change logs – Version 4.04.P07

Designer Version 4.4.0.6-1015

- **Bug Fixes**
  - ✓ Webservice REST /JSON: Project "Save As" can potentially lose JSON path references
  - ✓ Display Button / Menu Button: when putting an image on a button, potentially the image can appear cropped
  - ✓ Webservice processes: copy/pasting very long URLs were only partly saved
  - ✓ Verify Project: potentially an invalid warning message about a translation of a tag: "Localization: Translated text contains different variable(s)" appeared

- **New MCL-Designer Device Plugins**
  - ✓ Motorola MC 40N0
  - ✓ Samsung Galaxy S4 Mini
  - ✓ Samsung Galaxy Tab Active 8.0

MCL-Simulator 4.4.2-7957 (rev 7992)

- **Bug Fixes**
  - ✓ Combo Box: A mouse wheel scroll action on a combo box would result in zero results
  - ✓ SIP: open SIP doesn't work (Windows 7 32-bit)
  - ✓ Combo Box: in case variables are used in the where statement(local DB), the list displayed was not refreshed when the where statement values changed

MCL-Designer Change logs – Version 4.04.P06

Designer Version 4.4.0.5-1014

- **Updated End-User License Agreement (EULA)**
  - ✓ **Subscription Mode:** Updated 'End-User License Agreement (EULA) attached to MCL Mobility Platform Terms & Conditions' (see http://www.mcl-collection.com/legal/agreements.php).
    By accepting and installing this update, you declare that you have read the updated EULA and that you agree to its changes
  - ✓ **Licensed Mode:** Updated 'End-User License Agreement (EULA) - MCL Software - Licensed Mode V4' (see http://www.mcl-collection.com/legal/agreements.php).
    By accepting and installing this update, you declare that you have read the updated EULA and that you agree to its changes

- **Bug Fixes**
  - ✓ Send to Device: sending a project to the device from MCL-Designer could cause Designer to malfunction
  - ✓ Local DB – View: View statement on a local database cannot be edited

- Local DB: SQL select statement can now contain the concatenation symbol ||
- Zoom: Problem of zoom could give the appearance of blank screens although all objects were still available
- Data File – Edit data: Potential Designer crash while editing data of a datafile
- Send File to Host: error in generated code, resulted into a file delete, when the send file was unsuccessful
- Parsing values from JSON array to file: potential parsing problem in case the JSON file contains an array with only values
- Display Image: image was not displayed in case the image file name contained non-alphanumeric characters and you drag and drop an image from resources to screen
- Potential Designer crash when using drag-and-drop to move objects from one screen to another

- **New MCL-Designer Device Plugins**
  - Motorola MC 32N0

MCL-Designer Change logs – Version 4.04.P05

Designer Version 4.4.0.4-1012

- **Bug Fixes**
  - View Actions: Several improvements on the use of the 'View Actions' window
  - Action 'On Timer' of a Screen: the range of a timer can now be set between 0.1 and 99999 seconds
  - Datafile Design: Potential Designer crash while modifying the design of datafile
  - Local DB – Update Record: Limitation on the number of fields to update
  - Advanced List Box Style definition: Deleting an element creates a mismatch between element and field name

MCL-Designer Change logs – Version 4.04.P04

Designer Version 4.4.0.3-1011

- **Bug Fixes**
  - Branch Goto: Wrong color in 'Branch Goto' process description
  - Button - Quick Link Goto: Potential wrong description after copying/editing the goto link of a button
  - Menu Button - Branch to (GoSub): Potential error in the generated code of the 'Branch to (GoSub)'
  - Simulator - Default Host: Potential error in the generated code of the Default Host port definition
  - Parsing values from JSON/XML to variables: the maximum number of datafields to parse is limited to 40
  - Multiple Typo corrections in various screens

MCL-Designer Change logs – Version 4.04.P03

Designer Version 4.4.0.2-1010

- **Bug Fixes**
  - ✓ Goto End of Procedure: Potential error in the generated code (parameters not generated)
  - ✓ Error in generated pdk file in _.inf file
  - ✓ Button: Potential error in the generated code when using e.g. go to "exit" in a event
  - ✓ Opening Routing process window: Potential Designer crash
  - ✓ Remote DB connection string: In valid warning message when using hexa escape characters
  - ✓ Call Action process: Potential error in the generated code (parameters not generated)
  - ✓ Localization: Potential Designer crash in the project properties Localization tab
  - ✓ Project Conversion V4.3 to V4.4: Potential bad conversion of File Browse, the first condition of where query is lost
  - ✓ Multiple minor GUI corrections:
    - ▪ Some icons where not (always) displayed
    - ▪ Wrong icon displayed is aux process screens
    - ▪ Wrong background color in some context menu
    - ▪ Some typo corrections
    - ▪ Treeview resource tab: Option "Transform" is also listed when file is not an image
    - ▪ Context menu in right hand panel on process: "Add / Remove to favorite" was not shown anymore
    - ▪ Some process description errors
    - ▪ Views Actions no longer displayed in screen context menu
    - ▪ Cannot type "L_Result" in variable input
  - ✓ Some improvements in the usability of the MCL-Designer solution

MCL-Designer Change logs – Version 4.04.P02

Designer Version 4.4.0.1-1008

- **Bug Fixes**
  - ✓ File Browse style: 9-patch image style definition error in file browse template-style 'Grey Blue'
  - ✓ Input Barcode: Potential error in the generated code when using advanced option "Store Barcode descriptor into Variable"
  - ✓ Advanced list: potential error in the generated code when defining a conditional value on an Image element
  - ✓ Call Action: potential error in the generated code when calling the action of an object
  - ✓ Message Box: potential process line description error
  - ✓ Input List: GUI error in the lay-out tab of the input list properties screen

- Advanced list: potential error in the generated code when defining a conditional value on an text element

- Menu text: potential designer crash when defining more than 3 options

- Variable select: potential designer crash when doing a variable select

- **New MCL-Designer Device Plugins**

  - Motorola TC55

AppInstall4.exe 4.0.7-031

- **Bug Fixes**

  - AppInstall version is shown in all panels (not only the main one) + Button retry is move to the right

MCL-Designer Change logs – Version 4.04.P01

Designer Version 4.4.0.0-1007

- **New Features**

  - RFID: Added support for following synchronous RFID capabilities:

    - Read

    - Write

    - Kill

    - Erase

    - Lock/Unlock

  - Global Events: ability to define global timers at project level

  - Auto Zoom: Size of the screens in the working area are automatically zoomed(=support for high resolution screens)

- **Enhancements**

  - More intuitive representation when creating pop-up screens

  - Multiple improvements in the usability of the MCL-Designer solution

  - Multiple optimizations on the generated code by MCL-Designer

- **Bug Fixes**

  - Potential Designer crash after testing an insert record process on a local database

  - Import from Designer V3: there is no reference in the report to any "Branch/Case & Branch" errors

  - Potential Designer crash after deleting a screen

  - Generate Report: in some cases 'File Description' was not included in the report

  - Import from Designer V3: potential nput keyboard layout problem (hint text displayed with incorrect font)

  - In some cases the Localization Tags were removed from the project when it's saved as new version

  - Search tool: some results are returned twice

MCL-Simulator 4.4.0-7352 (rev 7633)

- **Bug Fixes**
  - ✓ Potential client crash after doing send data(host services) to queue