



ISO-Designer

Version update from v. 4.0.6 to v. 5.1.0

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1 Introduction

Overview Version 4.0.6

The following table gives an overview of newly added or enhanced features and fixed software bugs:

Function	New	Enhanced	Fixed
Drag & drop under STX-VG from the project tree to the masks	✓	✓	
Inserting images and SVGs (Scalable Vector Graphics) by drag & drop	✓	✓	
Expansions of the context menus for JetViewSoft		✓	
Reverse rendering of the visible area of a zoomed mask in Object Preview	✓	✓	
Up to now, the Properties pane could not be operated via keyboard throughout		✓	
Adjustment of the scroll wheel functions		✓	
A project was not saved, if a new project was opened via Recent Workspace			✓
Changes made to content of a group in the component editor were not visible immediately			✓
ArcWidth smaller than 0 caused faulty rendering on all platforms			✓
Double-click on an object caused the component editor to be opened in scrolled view			✓
At clearing masks, the disabled query dialog shortly opened			✓
Labeling disappeared in the tree view, if the left margin was not visible			✓
On none of all platforms, the dialog for editing line points via context menu could not be opened any more			✓
Language settings were not saved			✓
Faulty display after exiting copy and paste			✓
Missing external file belonging to a Workspace folder causes a crash			✓
The commands EnableObject and DisableObject were not available in ISO-Designer for the button			✓
String variables using Cyrillic character sets in IOP data were not output correctly			✓
Adjustments made to expressions in ISO commands			✓
Faulty assignment of JVERIDs when creating resources			✓
The preview of closed masks was not displayed on the vector graphic platform			✓
The popup dialog for OutputString values in the Properties pane could not be opened properly			✓
Selection via selection frame (on all platforms) did not work correctly			✓
The selection frame outside the mask had not been drawn correctly			✓
Entering a deployment path without leading '\' resulted in a faulty path display			✓
Adjusting object relationships to the respective VT level			✓
Missing events			✓

Function	New	Enhanced	Fixed
By mistake the macro commands ChangePolygonPoint and ChangePolygonStyle were already available in VT level 3.			✓
Mouse coordinates in the status line were not rendered correctly after moving an object			✓
Missing commands, respectively commands having been assigned to the wrong level			✓
Showing or hiding object properties as set by standard			✓

2 New features and enhancements

Introduction The present release includes new or enhanced features described below.

Drag & drop under STX-VG from the project tree to the masks

Design time: The missing feature of placing objects in masks by direct drag & drop from the
Operation project tree, has been added.

Inserting images and SVGs (Scalable Vector Graphics) by drag & drop

Design time: Now, you can take images and SVG graphics from the Explorer and insert
Operation them into a mask by **drag & drop**.

Expansions of the context menus for JetViewSoft

Design time: The context menus for mask and component editor have been enlarged and
Operation enhanced in analogy with the main menu as follows:

The following entries have been collected to become submenu **Structure**.

- Order
- Grouping

The following entries have been included into the context menu:

- Align
 - Nudge
 - Layout
 - Rotate
 - Dynamics
 - Drawing
-

Reverse rendering of the visible area of a zoomed mask in Object Preview

Design time: In Object Preview, the invisible area of a mask is now colored gray instead
Operation of the visible area. From now on, the visible area is rendered correctly.

Up to now, the Properties pane could not be operated via keyboard throughout

Design time: Operating the Properties pane has been revised. It can now be operated via
Operation keyboard completely (please refer to the Help).

Adjustment of the scroll wheel functions

Design time: Zooming: **CTRL + scroll wheel**
Operation Vertical scrolling: **Scroll wheel**
 Horizontal scrolling: **Shift + scroll wheel**

3 Fixed software bugs

Introduction This chapter describes the software bugs which have been fixed in the new software release.

A project was not saved, if a new project was opened via Recent Workspace

**Design time:
Operation** If in a presently loaded workspace a project had been **modified** and a new workspace was loaded via **Recent Workspace**, these changes were not stored.

Remedy/workaround -

Changes made to content of a group in the component editor were not visible immediately

**Design time:
Operation** If a grouping had been uploaded to the component editor to be processed, and if after that the mask was re-activated, the changes made to the editor were not visible immediately.

Remedy/workaround -

ArcWidth smaller than 0 caused faulty rendering on all platforms

**Design/runtime:
Presentation error** If, in the Properties pane for ArcWidth a negative value had been entered, drawing the arc was not displayed correctly.

Remedy/workaround -

Double-click on an object caused the component editor to be opened in scrolled view

**Design time:
Operation** In an object had been uploaded to the component editor for editing, it was always displayed in scrolled view. This only occurred with a zoomed component editor.

Remedy/workaround -

At clearing masks, the disabled query dialog shortly opened

Design time: If the query had been deactivated before clearing a mask, the dialog still
Operation occurred shortly to automatically close again.

Remedy/workaround -

Labeling disappeared in the tree view, if the left margin was not visible

Design time: Text belonging to lines and columns disappeared, if the left margin was not
Presentation error visible any more. This came into effect, when a tree view was scrolled to the right.

Troubleshooting in the workspace tree, docking window for alarm and message output

Remedy/workaround -

On none of all platforms, the dialog for editing line points via context menu could not be opened any more

Design time: This error has been fixed.
Operation

Remedy/workaround -

Language settings were not saved

Design time: The changes made were not saved. They were rather reset after reloading. All
Operation languages used to be selected for being deployed.

Remedy/workaround -

Faulty display after exiting copy and paste

Design time: Presentation error If an object was to be entered into a mask by copy and paste, the dashed outline of the object remained visible after exiting the Copy Settings dialog.

Remedy/workaround -

Missing external file belonging to a Workspace folder causes a crash

Design time: Operation If files are not at their location any more, an icon is now displayed which indicates there is a file missing. There will be no more program crash.

Remedy/workaround -

The commands EnableObject and DisableObject were not available in ISO-Designer for the button

Design time: Operation These commands have been supplemented for VT level 4 and VT level 5.

Remedy/workaround -

String variables using Cyrillic character sets in IOP data were not output correctly

Design time: Compiler This bug has been fixed in the compiler.

Remedy/workaround -

Adjustments made to expressions in ISO commands

Runtime: Operation	<p>In Type, there are several parameters for ChangeFillAttributes(). Selection for 2: use fillcolor has been changed to fill Color.</p> <p>In ChangeLineAttributes(), the last parameter was changed from Art to Line Art.</p>
Remedy/workaround	-

Faulty assignment of JVERIDs when creating resources

Design time: Resource management	<p>The following error has been corrected:</p> <p>Creating TEXT1 and renaming TEXT1 ==> JVERID = 1 Creating TEXT2 ==> JVERID = -1 Creating TEXT2 ==> JVERID = -1 ...</p>
Remedy/workaround	-

The preview of closed masks was not displayed on the vector graphic platform

Design time: Presentation error, operation	<p>The preview of vector graphic mask not yet opened did not work. Now, vector graphic masks which have not been opened yet can also be presented in the preview.</p>
Remedy/workaround	-

The popup dialog for OutputString values in the Properties pane could not be opened properly

Design time: Operation	<p>The popup dialog for editing OutputString values was not displayed correctly any more. Values could neither be entered nor changed there.</p>
Remedy/workaround	-

Selection via selection frame (on all platforms) did not work correctly

Design time: Only objects with their upper left corner being within the selection frame were
Operation selected.

Remedy/workaround -

The selection frame outside the mask had not been drawn correctly

Design time: If the user tried to select an object which was outside the mask by means of
Presentation error the selection frame, this selection frame was not rendered correctly.

Remedy/workaround -

Entering a deployment path without leading '\' resulted in a faulty path display

Design time: Entering a new path for FTP or CAN deployment into the *Project Properties*
Operation with the leading '\' missing, the default path with an additional '\' was displayed again after the editing procedure.

Remedy/workaround -

Adjusting object relationships to the respective VT level

Design time: In ISO-Designer, certain objects could reference further objects, although,
Operation according to the standard, this should only be possible as of a higher VT level.

Remedy/workaround -

Missing events

Design time: The missing events have been added to the respective VT levels.
Operation

Remedy/workaround -

By mistake the macro commands **ChangePolygonPoint** and **ChangePolygonStyle** were already available in VT level 3.

**Design time:
Operation** The macro commands **ChangePolygonPoint** and **ChangePolygonScale** must not be made available before VT level 4. By mistake, they have already been made available in VT level 3.

Remedy/workaround -

Mouse coordinates in the status line were not rendered correctly after moving an object

**Design time:
Presentation error** Moving an object on a mask or in the component editor caused the x/y coordinates of the status line not to be rendered correctly. The same applied to the color values of a VG project.

Remedy/workaround -

Missing commands, respectively commands having been assigned to the wrong level

**Design time:
Operation** In ISO-Designer, missing events have been added, e.g. **ExecuteMacro**. Further, events have been removed, which had not been available in the selected level.

Remedy/workaround -

Showing or hiding object properties as set by standard

**Design time:
Operation** In the Properties pane, wrong object properties were displayed for various VT versions.

The following corrections have been made:

- Button: Enabled and NoBorder flag not before VT version 4
 - InputString / InputNumber: Vertical alignment not before VT version 4
 - Regarding InputNumber: Truncate not before VT version 4
 - •OutString and -Number: Vertical alignment not before VT version 4
-

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