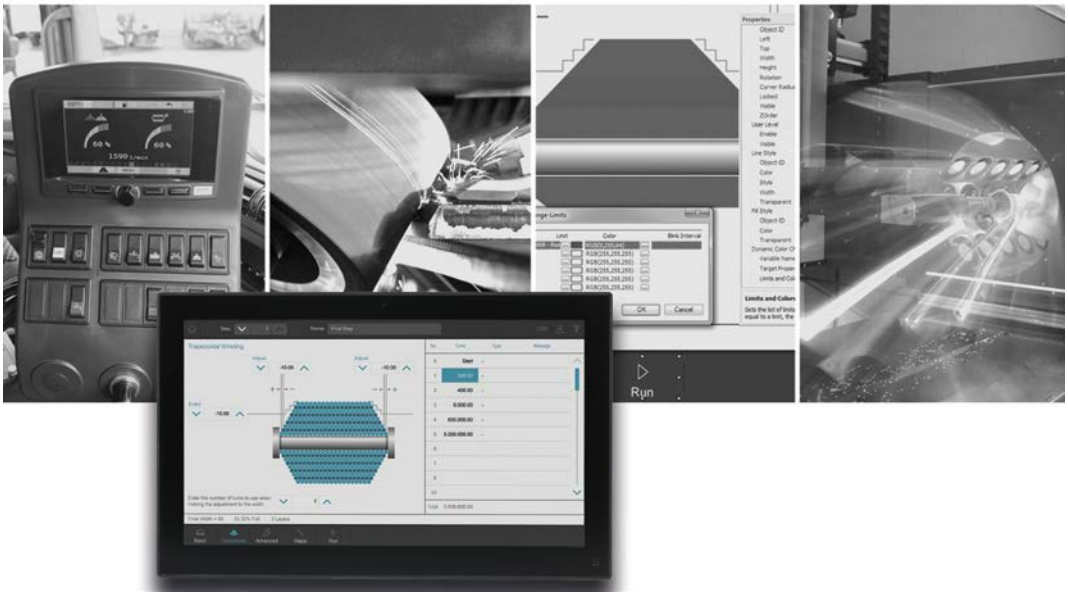

JetViewSoft

Version Update from V. 5.4.0 to V. 5.5.0

We automate your success

Jetter AG
Graeterstrasse 2
71642 Ludwigsburg,
Germany

Phone:

Switchboard	+49 7141 2550-0
Sales	+49 7141 2550-531
Technical hotline	+49 7141 2550-444

E-mail:

Hotline	hotline@jetter
Sales	vertrieb@jetter

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1 New features

Below, all features that are new in this version, as well as the enhancements are listed.

1.1 Objects

1.1.1 Implementation of a new video control (VG platform) on iMX35 displays

The iMX35-based devices now also support video control on the VG platform.

1.1.2 Fill attribute was added to the ListBox (VG platforms only)

A Fill Style can now be used to design the ListBox background. The fill style is freely programmable using STX dot notation.

1.1.3 New ReadOnly property

The ReadOnly property can be set in the Properties window and in the STX code using dot notation.

1.1.4 Disabled property added

All objects were extended by the **Disabled** property to set the states **Enable/Disable** . An object is enabled by default. If an object is **disabled**, no interaction with the object is possible (keyboard and mouse/touch are not processed). This property can also be set using dot notation or DynIO dynamics. The dot notation is available in the VisuLibrary as of version 4.0.0.4.

1.1.5 Replacing Background Color and Border Color with Child Attributes (VG platform)

The button object has been extended for the VG platforms: The fill can now be defined using a fill attribute. The border line is now described with a LineAttribute, but here only the fill color and the line width are used.
The STX library has been expanded. STX lets you now also change the FillStyle and LineStyle of a button object.

1.1.6 Revision of the grid object

The Grid object has been redesigned to make it easier to see all rows and columns across the entire area. A new AutoSize mode automatically distributes the cells across the available height and width of the grid object.

1.1.7 Center of radial arc objects

The center of radial arc objects is now in the absolute center of the object.

1.1.8 Adjusting the 3D effect of a button object

Three additional modes have been added to the button: None, Shadow Bottom, Shadow Diagonal:

- None: Flat, without shadow and 3D effect
- Shadow Bottom: Shadow under the button
- Shadow Diagonal: Shadow on the left under the button

Another mode is Classic. Here, the button is displayed as known from older versions. Classic is the default mode for new buttons.

1.1.9 Enlarged "clickable" area for a slider object

The slider now has a minimum size of the **clickable** area. The extension is at least 20 pixels in the horizontal and vertical direction.

1.1.10 Height when Retain Aspect Ratio option is set for image object

It was not possible to enter the height of an image object in the Properties window if the **Retain Aspect Ratio** option was selected.

1.1.11 Retain Aspect Ratio option for SVG object

If you enable this option in the Properties window, it lets you freeze the aspect ratio of an object when you create the object or resize it.

1.1.12 Preset size of SVG images

SVG pictures were always inserted with a size of 100x100 pixels on a mask. The desired size had to be set each time in a second step.
Now the size of the SVG file is read out and the SVG image is inserted in its original size.
If the image size exceeds the mask, the SVG image is scaled down to fit on the mask.

1.1.13 Moving mask elements with the keyboard after selection in the workspace

Objects of a mask that are selected via the workspace tree can now be moved pixel by pixel in the respective direction with the key combinations **Ctrl+Up**, **Ctrl+Down**, **Ctrl+Left** or **Ctrl-Right** . If the Shift key is also held down, the object is moved by 10 pixels at a time.

If the entries in the **Nudge** menu do not show the shortcuts after a new installation, the **Nudge** toolbar must be reset under **Tools/Customize/Toolbars**.

1.1.14 Optimizing the display of a QR code placeholder

A QR code with empty text now has the label **empty QR Code**.

1.1.15 Enhanced parameterization of the checkbox

The parameterization of the checkbox has been extended so that now the background color can be set by a FillStyle object, the frame by a LineStyle object and the color of the checked state by a Font object.

1.2 General information

1.2.1 Setting the background color of the selection list for images to match the component editor

To better display images and SVG files in corresponding lists, the background is displayed as in the component editor.

1.2.2 Size of the workspace

In the menu **Tools/Options/Format** the size of the workspace can now be set from 1000 px to 4000 px. The setting is permanently saved and is available for all vector graphics projects from this point on.

1.2.3 Focusing Softkey Designators

When editing softkey masks, the softkey designer located at the current mouse position is highlighted. When inserting softkeys from the clipboard (Copy&Paste), the softkey is inserted at this position.

1.2.4 Multiple selection of elements in the workspace

It is now possible to select several objects in the Workspace window. The objects are then also selected on the mask and are available in the Properties window as multiple selections.

1.2.5 Maximum number of objects in the demo version

In the demo version, the limit of the maximum number of objects in the object pool has been increased from 40 to 100.

1.2.6 The list box control was given a line attribute

In order to be able to design the frame of the list box control more freely, the control has been given a line attribute. This lets you individually design the frame color and width. The new **3D Style** property ensures compatibility with earlier versions.

1.2.7 Optimized Paste dialog when using objects from library

If an object was inserted from the library into a new project, so far an incorrect reference to conflicts with existing objects in the project was displayed. The lower area of the dialog with the wrong message is no longer displayed.

1.2.8 Increased contrast for objects in Object Pool and Workspace

The visibility of the selected elements has been increased. This concerns the tree views of the workspace and hardware.

1.2.9 Added simulation of JVM-104 with 8 keys

The simulation for a JVM-104 with 8 keys was added.

1.2.10 Selection of lower level mask elements

The selection of elements on a mask now also works for overlapping elements. To select lower level mask elements, the left Alt key must be pressed and held down. Then the left mouse button must be pressed slowly several times. The found elements are then processed

backwards according to the Z-order and the selection starts again with the element with the highest Z-order.

1.2.11 Setting the IP address of (multiple) controllers in the .jhw file

All control information of a project is now written to the jhw file during compilation. The control information, such as the IP address, can be customized in the *.jhw file by the user without having to compile the project. When the runtime is started, the settings made are evaluated in the *.jhw file. This only works for Jet32JetIP and Jet32JetSTX controllers.

1.3 Dynamic features/events

1.3.1 ColorChange or Visible dynamic for soft keys

With a ColorChange dynamic, the background color of a softkey can be changed dynamically during runtime. Similarly, the SoftKey now also supports Visible dynamics. The Enable/Disable or Visible/InVisible properties can be assigned.

1.3.2 VisuCmdNumericValue ignored a given formatting

If value changes were made via dynamics as well as via an STX program with the command VisuCmdNumericValue, new values were not displayed correctly. The format of the assigned dynamics was ignored.

1.3.3 Line break for message box using \n (VG platforms)

On VG platforms, \n was not processed and displayed as a line break in the runtime. This error only occurred with a message box.

2 Fixed software bugs

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

2.1 General information

2.1.1 Incorrect error message when inserting an object

If an object from the library was inserted on a mask with the option **Create a Pointer for the new Control**, the wrong message **A DataMask should not contain an ObjectPointer** was displayed.

2.1.2 Turning off automatic daylight saving adjustment enabled the demo license

If the Windows time setting **Automatic adjustment to daylight saving time** was deactivated immediately after a successful registration, the license was only recognized as a demo license for about 1 hour.

2.1.3 Tracking rectangle was not hidden

If an object was moved with the mouse and the mouse button was released outside the visible area, parts of the tracking rectangle (dashed surrounding rectangle) were not hidden again.

2.1.4 In the object pool, only one object was selected on the mask

Despite multiple selection of objects in the object pool, only one object was selected on the mask.

2.1.5 With multiple *.jde files in a project, the properties of a variable were not set correctly

If several *.jde files were used in a project and variables were created using Drag&Drop from the **External Data** area, the properties under **DataSource** were incorrect for the new variables.

2.1.6 Toolbar position after restart

If the position of the toolbars was changed, the project was saved, and JetSym was closed and reopened, then the toolbars had a different position.

2.1.7 Many initializations and functions are missing in the new JVERHardwareAccessor.dll

The missing initializations and functions in the new JVERHardwareAccessor.dll have been updated.

2.1.8 Registration dialog behaved incorrectly

After a product was unregistered in the dialog, the input boxes and buttons were not released correctly.

2.1.9 Control data from a *.jde file was not read in

If the namespace in a *.jde file contained a dot, the program could not read the control data. When reading in the *.jde file, the dot is now automatically replaced by "_".

2.1.10 After importing a csv file, the jrc file was not saved

This error occurred when a resource file was closed and a resource csv was imported. Then, if the project was closed, saved, and reopened, the imported translations were lost.

2.1.11 The simulation for the JVM-507B failed set tab bits for buttons

In the simulation of a JVM-507B, the keys F9 - F12 triggered the events for OnKeyDown or OnKeyUp, but the corresponding bits were not set in register 361000. The register bits were only set for the first 8 function keys.

2.2 Objects

2.2.1 Color background of the active element on JV-1015 and JV-1022 was hardly visible

This bug was fixed by adding a FillStyle to the listbox.

2.2.2 The MeterEx object had a poor performance at runtime

If a MeterEx object was positioned over an image object, the MeterEx object was displayed very "jerky" during runtime. By optimizing the drawing function, the performance is now sufficient again.

2.2.3 The number of data points to be displayed in the XY graph was limited

If an XY graph was linked to %VL tags of a control, only a maximum of 500 data points were displayed. This limit has been removed.

2.2.4 The Arc and Polygon objects were not updated

If the Arc and Polygon objects were configured with a bar graph dynamic and the bar graph value was changed using the VisicCmdNumericValue command, the bar graph did not always display the current value after a value change.

2.2.5 InputBoolean object had a FontAttribute as child object

In the case of InputBoolean objects, a FontAttribute is now only activated for VG platforms.

2.2.6 Objects with dynamics were not displayed at the pointer

If the referenced object was changed at a pointer, the dynamics were not updated.

2.2.7 Numpad Input of the UserInput Dialog

If the input dialog for numerical input was called from a macro, the dialog had opened in password mode. Instead of numbers, only points were displayed.

2.3 Events and macros

2.3.1 Conditional events of mask or workingset

If an event was assigned a conditional parameter that pointed to an endpoint in a structure, this event was not triggered.

2.3.2 The display in the Edit object was not updated after the value was changed

If an Edit object was configured with more than one Dyn-IO and one of the dynamics was only configured to read values (e.g. TargetProperty Disabled), the Edit object was not updated after an input.

2.3.3 TagDB

2.3.4 The view for External Data Items was not updated

When using TagDB for External Data items, the view was not updated when changes were saved in JetSym.

2.4 Runtime

2.4.1 Switching off the system menu

If the item **ShowSystemMenu** was deactivated in the properties of a VG project, the system menu was still displayed at runtime.

2.5 STX PC

2.5.1 STX-PC was displayed smaller than the display size

If the option **FullScreenAtStart** was selected in Project/Properties, a narrow border remained left and right in Windows 10. With Windows 7 the error did not occur.

2.6 Dynamic features and events

2.6.1 Bit filters did not work correctly

If a bit filter was used in a dynamic feature when assigning a variable, some data types from the addressed controller were displayed incorrectly.