

# Version update

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JetViewSoft version update V.5.6.2 to 5.7.0

Bucher Automation AG

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# 1 New features

## 1.1 General

### 1.1.1 Change to a library

If you make changes to a library, e.g. across several workstations, the program recognizes this and opens a dialog. In this dialog, you select whether you want to reload the library or not.

### 1.1.2 New compiler check for pixel graphics

The STX compiler produces a warning if pixel graphics are used that have a higher resolution than the mask. The resolution of a pixel graphic must be defined with an external graphics program. Simply reducing the image size in the program does not change its resolution.

### 1.1.3 Selecting individual elements of a group

If you want to select and edit elements of a group, you can do this as follows:

1. dissolve the group
2. edit individual elements
3. restore the group (Restore group). The program remembers the original group composition and restores it

### 1.1.4 Updating to the current DevExpress version

JetViewSoft has been updated to the current DevExpress version. As a result, some dialogs have changed slightly.

### 1.1.5 New Output Window

The new output window (OutputList) displays messages such as errors, warnings and messages from the last build in tabular form. Messages can be filtered by type, e.g. Errors. Double-clicking on a message, as in the Build window, opens a dialog for quick editing.

### 1.1.6 Name of objects in the library

The names of the objects in the library are now displayed in multiple lines for better readability.

### 1.1.7 Some displays are no longer supported

- BTM07
- BTM09
- BTM09B
- BTM010
- BTM011
- BTM011B
- BTM012
- JCM620

- JVM104
- JVM104 8 keys
- JVM407
- JVM407B
- JVM507B

### **1.1.8 Wrong Display in the "Variables" Window**

If a project contained a jde file/tag DB from JetSym and this was not available when the workspace was loaded, then -1 was displayed in the address column for a data source. If this jde file was recreated in the meantime, e.g. by JetSym, the data was not reloaded. After closing and reopening the workspace, it worked again.

### **1.1.9 Build error with AlarmControl**

If alarms were organized in more than one subdirectory and then used in the filter for an AlarmControl, this generated an error message in the compiler. The filter was also not created correctly.

### **1.1.10 Empty alarm category could not be deleted**

If an additional, customer-specific category was added in the alarm service configuration, it could not be removed again later.

## **1.2 Macros**

### **1.2.1 New macro ScaleObject**

There is a new ScaleObject command. All objects that have a scale dynamic can be scaled.

### **1.2.2 CallSTXFunctionEx parameterization**

In the dialog for parameterizing the CallSTXFunctionEx macro command, entries with an invalid terminating character were offered in the drop-down list for parameterless functions.

## **1.3 Objects**

### **1.3.1 BargraphValue attribute for VisuCmd**

The BargraphValue attribute was missing in VisuCmd for objects Rectangle, Ellipse, Arc and Polygon.

### **1.3.2 Combobox extension Access via STX dot notation**

Equivalent to the list box, these properties have been added to the combo box:

- ListItems : string (read/write)
- ListItemCount : int (read only)
- CurrentText: string (read/write)

- GetListItem(Id: int) : string
- SetListItem(dx: int, ItemText: string)
  
- RemoveListItem(Id: int);
- InsertListItem(Id: int, ItemText: string);

### **1.3.3 Listbox extension for images**

The list box has been expanded to include the ImageList and SvgList types. This means that lists can also be created from pixel graphics and images.

### **1.3.4 Checking object names**

The object name is used as a variable in an STX program. As the variables are case sensitive in STX, the check of the object name and the check for duplicate names has also been made case sensitive.

### **1.3.5 Displaying external HTML content in Linux runtime**

There is a new HTML frame object in the Linux platforms. This can be used to display websites and HTML pages by specifying the URL.

The new object has the following events:

- FocusIn/Out
- HoverEnter/Leave
- MousePress/Release
- MouseDoubleClick

## **1.4 Variables/Macros**

### **1.4.1 Dynamic variables**

Access to dynamically localized variables (located) has been implemented

## 2 Fixed Software Bugs

### 2.1 General

#### 2.1.1 Grouping of elements led to a change of level (Z-order)

The error when updating the Z-order after grouping or ungrouping has been fixed.

#### 2.1.2 Input via external keyboard in the KeyboardInput dialog

Input via external keyboard in the KeyboardInput dialog was not possible.

#### 2.1.3 Filtering in the variable dialog

The parent and child elements were not displayed for filtered variables in the variable selection and in External Data Items.

#### 2.1.4 FindObject dialog was not displayed completely

In the FindObject dialog, some elements (buttons) were no longer visible when the screen was scaled larger than 100%.

#### 2.1.5 "Prompt Before Building" dialog

The dialog had an incorrect text.

#### 2.1.6 User level did not work with VG objects

In the VG platform, the SVG and Rectangle objects were always hidden if a user level higher than Guest was configured for them.

#### 2.1.7 CSV import first and last character

During CSV import, the quotation mark (") was deleted at the beginning and end of a text line.

### 2.2 Variables

#### 2.2.1 Manually created %RL array variables

If a new ArrayVariable was added manually in a project and the value for Localization was set to %RL, the compiler created a %VL ArrayVariable.

#### 2.2.2 Changing variable names caused JetViewSoft to "freeze"

If an invalid character was used for the name of a variable in the Variables window, a corresponding error message appeared and JetViewSoft could no longer be used. JetViewSoft could only be terminated using the Windows Task Manager.



## 2.3 Objects

### 2.3.1 Object position in the workspace not updated

If a group was loaded in the component editor and the positions of the child objects were changed in the property window, the workspace tree was not always updated.

### 2.3.2 BargraphColor was not changed

For all bar graphs (Arc, Ellipse, Polygon, Rectangle) the BargraphColor could not be changed with VisuCmd and dot notation. The BargraphBackColor can now be changed. Changing the BargraphColor also works with DynColorchange with target property FillColor. Affects Windows and Linux.

### 2.3.3 Moving VG objects at the top edge

When moving VG objects at the top or right edge, the VG objects jumped into the negative area and were no longer visible. This only affected the VG platforms.

### 2.3.4 Numpad input with numeric editbox without change with OK

If the value to be processed was not changed in the input dialog for a numeric edit box, this value was formatted in the Runtime with the factor and offset stored in the dynamics and then written to the corresponding variable.

## 2.4 Masks

### 2.4.1 Deleting a referenced softkey mask

After deleting a softkey mask, data masks retained the references to this softkey mask.

## 2.5 Dynamics

### 2.5.1 ColorChange dynamics with large numbers

If very large numerical values (e.g. 1073807360, 10738073601, 1073807362) were used for the limits in a ColorChange dynamic, the color changes no longer functioned correctly.