



**JetViewSoft**  
**Version Update**  
**from V1.30 to V1.40**



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# 1 Introduction

Overview of Version Updates			
Version	Function	Added	Fixed
V1.40	Dynamic I/O caused runtime error		<b>P</b>
	Input dialog could not be invoked		<b>P</b>
	Program crashed when using ActiveX components		<b>P</b>
	JVClose() caused program crash under Windows CE		<b>P</b>
	Erroneous presentation of label component under Windows CE		<b>P</b>
	Erroneous presentation of windowless ActiveX under Windows CE		<b>P</b>
	Status line was not displayed in JetViewRT		<b>P</b>
	JVWriteTag() returned wrong value		<b>P</b>
	Communication service document was not saved		<b>P</b>
	Wrong date in error report		<b>P</b>
	Erronous response after deleting a file from the project tree		<b>P</b>
	Resources for input dialogs were not supported		<b>P</b>
	Erronous scale dynamics		<b>P</b>
	Error when editing text in the property window		<b>P</b>
	Move and scale dynamics could not be combined		<b>P</b>
	Comma on the German numpad was not recognized as decimal point		<b>P</b>
	Dialogs were not centered by the JVShowDialog() command		<b>P</b>
	JetAlarmService: Now, alarm messages are displayed under Windows XP		<b>P</b>
	JetDBService: Now, programs, including interactive ones, can be started under Windows XP		<b>P</b>
	JetTrendService: Now, this service runs under the "LocalSystem" account		<b>P</b>
Several bugs when working with grid objects have been removed		<b>P</b>	
With slow communication the browser could freeze when paging		<b>P</b>	

<b>Overview of Version Updates</b>			
<b>Version</b>	<b>Function</b>	<b>Added</b>	<b>Fixed</b>
V1.40	New component: ImageEx	<b>P</b>	
	New component: Pie	<b>P</b>	
	New tool bar: Nudge	<b>P</b>	
	Block size for Jet32 communication has been increased from 20 to 64	<b>P</b>	
	New function: JVCopyFile()	<b>P</b>	
	Integrated script debugger	<b>P</b>	
	Communication has been optimized	<b>P</b>	
	Additional features with grid object	<b>P</b>	

## 2 New Functions/Features

### 2.1 New component: ImageEx

The new ImageEx component supports rotating and transparent pictures.

### 2.2 New component: Pie

The new component "pie" is for displaying pie charts.

### 2.3 New tool bar: Nudge

So far, the nudge functions were available through the menu of the same name. Now, these functions can be accessed through the nudge toolbar.

### 2.4 Block size for Jet32 communication has been increased from 20 to 64

The block size for read operations has been increased from 20 to 64.

### 2.5 New function: JVCopyFile()

The new command JVCopyFile() has been added to the system script library. It can be used to copy large files. With longer copy processes the usual Windows animation for copy operations will be displayed.

JVCopyFile(string sTarget, string sSource, boolean bShowProgress)

sTarget: Complete path of destination  
sSource: Complete path of source file(s); wildcards (e.g. \*.mdb) are allowed.  
bShowProgress: true => displays animation during the copy operation

### 2.6 Integrated script debugger

Now, JetViewSoft is provided with an integrated script debugger (see online help).

### 2.7 Communication has been optimized

Communication via the ActiveX element Jet32X has been optimized. If the connected controller supports transmission of several data packed in one Ethernet frame, JetView will use this function which results in a higher update rate.

### 2.8 Additional features with grid object

When calling the newly introduced method called „Redraw“ the grid will be repainted with the current settings. When configuring the grid object it is now possible to insert a new column at any position requested. Up to now new columns could be appended on the right side of the grid only. The order of the columns from the left to the right can be adjusted even after their creation. Besides this inside date/time cells the year number can now be displayed alternatively with four instead of just two digits.

## **3 Fixed Software Bugs**

### **3.1 Dynamic I/O caused runtime error**

In case the property "TargetProperty" for the dynamic I/O did not contain text, this condition resulted in a runtime error which can hardly be analyzed. When encountering an empty "TargetProperty", the compiler now issues an error message.

### **3.2 Input dialog could not be invoked**

Input dialogs could not be displayed from pages saved to child directories. This error has been fixed.

### **3.3 Program crashed when using ActiveX components**

Using ActiveX components could result in a program crash. This error has been fixed.

### **3.4 JVClose() caused program crash under Windows CE**

Using the JVClose() command on a Windows CE device caused the program to crash. This error has been fixed.

### **3.5 Erroneous presentation of label component under Windows CE**

This error has been fixed.

### **3.6 Erroneous presentation of windowless ActiveX under Windows CE**

Once a dialog popped up, the program failed to redraw windowless ActiveX elements (lines, circles, squares, ...). This error has been fixed.

### **3.7 Status line was not displayed in JetViewRT**

Right on JetViewRT start the status line was not displayed.

### **3.8 JVWriteTag() returned wrong value**

If the communication had not yet been initialized, the function JVWriteTag() returned an empty string instead the boolean value 'false'.

### **3.9 Communication service document was not saved**

If in a communication service document a value in the property window had been modified and if the build command had immediately been invoked without exiting the box, the program failed to set the modified flag and to store the modified value.

### **3.10 Wrong date in error report**

The date entry in the error report was incorrect. The value was always 1 month short of the actual month. Now, the error report dialog on the CE devices also indicates the date and time of an error.

### **3.11 Erronous response after deleting a file from the project tree**

After an entry in the project tree had been deleted, the last file in the project branch was automatically set as active element (start page, communication service or resource).

### **3.12 Resources for input dialogs were not supported**

Resources for title and URL in the input dialog were not taken into account by the compiler.

### **3.13 Erronous scale dynamics**

The scale dynamics did not work with text components. This bug has been fixed.

### **3.14 Error when editing text in the property window**

The paste&copy functions for text properties did not work properly. The inserted text was not entered into the dropped down input box but directly into the cell. Once the input box was closed, the text inserted into the cell was overwritten.

### **3.15 Move and scale dynamics could not be combined**

In general, move and scale dynamics could not be combined Now, these two dynamics can be combined for all basic forms (lines, squares, circles, ...).

### **3.16 Comma on the German numpad was not recognized as decimal point**

When using a German numeric keypad the comma is used as decimal point. When trying to transfer a floating point value to the controller an error occurred, preventing the value from being transferred. Now, the comma is replaced by a decimal point before transmitting a value. This approach ensures proper transmission.

### **3.17 Dialogs were not centered by the JVShowDialog() command**

If invoked from a frame, the function "JVShowDialog" did not display dialogs in centered orientation in IE 5.0. This error has been fixed.

### **3.18 JetAlarmService: Now, alarm messages are displayed under Windows XP**

To fix this problem, the service is now running under the LocalSystem account. Therefore, it is no longer required to enter a password when registering. When using an ODBC database name, it is important that this name is created under "System DSN", and not under "User DSN". The tutorial and the help text have been modified accordingly.

### **3.19 JetDBService: Now, programs, including interactive ones, can be started under Windows XP**

To fix this problem, the service is now running under the LocalSystem account. Therefore, it is no longer required to enter a password when registering. When using an ODBC database name, it is important that this name is created under "System DSN", and not under "User DSN". The tutorial and the help text have been modified accordingly.

### **3.20 JetTrendService: Now, service runs under the "LocalSystem" account**

Now, this service runs under the "LocalSystem" account. Therefore, it is no longer required to enter a password when registering. When using an ODBC database name, it is important that this name is created under "System DSN", and not under "User DSN". The tutorial and the help text have been modified accordingly.

### **3.21 Several bugs when working with grid objects have been removed**

Several bugs have been removed which have interfered the proper working with the grid object. It now displays data base contents correctly even if individual record sets do contain null values, what means, that they have not been assigned with a proper value yet. Up to now , the contents of the record set located above were entered in this case. Now, the method RequeryTable is also functioning correctly. Besides this the updating of existing as well as the inserting of new records are now working properly.

### **3.22 With slow communication the browser could freeze when paging**

This error has been fixed.