B&R Revision Information

VisualComponents SG4 Runtime 4.34.5

06–Mar–2019
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Problem VC 4.32.0 VC 4.15.6 VC4 > VCWT – The auto-repeat function does not work for key actions StepUp / StepDown and EditUp / EditDown.

Problem VC 4.32.0 VC 4.06.0 VC3: Strange characters on pages in HMI application

Problem VC 4.32.0 VC 4.05.5 VC3 compiler: VC objects generated each time

Problem VC 4.32.0 VC 3.96.5 No HMI application on PW35 if the panel switched on late

Problem VC 4.32.0 – PPC2100: Cycle time violation after long execution time
Error behavior: An error in Visual Components Runtime is causing a cycle time violation (error code 27306) after a longer execution time.
Error correction: New version of Visual Components Runtime
Workaround: A workaround is not possible.

New function VC 4.32.0 – Second VNC connection with other color depth not possible

Problem VC 4.31.0 VC 4.25.0 Page fault with error code 25314 occurring when transferring changes in an HMI application

Problem VC 4.31.0 VC 4.25.0 VC4: HMI application freezing and high CPU load when using frequently changing text snippets

Problem VC 4.31.0 VC 4.25.0 Units in text snippets not displayed correctly on C30 panel (ARM)

Problem VC 4.31.0 VC 4.24.1 Alarm system generating message “BatteryDischarged” when starting X20 CPU without battery

Problem VC 4.31.0 VC 4.24.1 Page fault when displaying historical alarm list containing alarm texts that are using snippets of type “Text”

Problem VC 4.31.0 VC 4.24.1 Solved VC page fault when overloading a task

Problem VC 4.31.0 VC 4.24.1 Controller entering service mode with error 25314 when opening HTML page with a URL longer than 500 characters

Problem VC 4.31.0 VC 4.24.1 VC4 > User trend: Incorrect starting time calculation with SampleRateDatapoint

Problem VC 4.31.0 VC 4.24.1 Page fault when loading HTML page using .gif images

Problem VC 4.31.0 VC 4.24.1 VC4: Edit control needing too much time to display huge (> 1 MB) STRING

Problem VC 4.31.0 VC 4.15.9 VC4 > When replacing texts using “TargetResourceRoot” page faults can occur

Problem VC 4.31.0 VC 4.15.6 VC4 > VNC connection timeout not working without cyclic changes in the HMI application (e.g. clock display)

Problem VC 4.31.0 VC 3.96.4 VC4: Texts not replaced if a language is configured once with and once without a country code

Problem VC 4.31.0 – ARSG4_4.10.8_H04.10 APC 910 booting cyclically after several restarts (power failures)

Requests and problems by product/component

1A4000.02 Visual Components

Libraries

ID#400222084 : solved problem, known since VC 4.33.0, solved since VC 4.34.0
VcScrSh returning error 20798 for no apparent reason

ID#400190773 : solved problem, known since VC 4.24.1, solved since VC 4.32.0
VCA VISAPI: Brightness of display on master also changed if using function VA_SetBrightness for a VNC HMI application

ID#465475 : solved problem, known since VC 4.25.0, solved since VC 4.33.0
Incorrect return value with VISAPI VA_SetBeep()
Error behavior: VISAPI function VA_SetBeep() returns an incorrect status (7090 / vaERR_PARAMETER) if enable=FALSE was specified for the parameter.
Expected behavior: VA_SetBeep() returns status 65534 (ERR_FUB_ENABLE_FALSE) if enable=FALSE is specified for the parameter.
Error correction: New Visual Components Runtime version

SG3 Runtime

ID#400189025 : solved problem, known since VC 3.96.5, solved since VC 4.32.0
No HMI application on PW35 if the panel switched on late

Error behavior: An error in Visual Components Runtime 3 is preventing the HMI application from being displayed on an X2X panel.
This error occurs if the message "Timeout panel open" is output in the Logger. If the panel is then turned on, no HMI application is displayed.

Workaround: Switch on the panel early enough.
ID#400129885 : solved problem, known since VC 4.05.5, solved since VC 4.32.0

VC3 compiler: VC objects generated each time

ID#400185092 : solved problem, known since VC 4.06.0, solved since VC 4.32.0

VC3: Strange characters on pages in HMI application

Error behavior:

An error in Visual Components Runtime 3 is causing strange "H" characters to be shown on the display.

This error occurs in projects that have been converted from AS 3.0.90 to AS 4.x.

This error occurs on panels 4B1270.00−390 and 4B1270.00−K18.

This error does not occur in newly created projects.

This error does not occur on panel 4B1270.00−490.

Error correction:

Error corrected in new Visual Components Runtime version.

Workaround:

A workaround is not possible.

ID#412970 : solved problem, known since VC 4.05.8, solved since VC 4.33.0

VC3: VA_QuitAlarms returning unexpected return value if alarm group not present

Error behavior:

An error in Visual Components Runtime 3 is causing VISAPI function VA_QuitAlarms to return error code 0 if the alarm group is not defined.

Visual Components Runtime 4 returns the correct error code 7090 (ERR_INVALID_PARAMETER) when calling the function with an undefined alarm group.

Error correction:

Replace with new Visual Components Runtime version.

Workaround:

A workaround is not possible.

SG4 Runtime − Alarmsystem

ID#400271954 : solved problem, known since VC 4.34.4, solved since VC 4.34.5

VISAPI VA_Saccess returning status Busy (7000) at high alarm system load

Error behavior:

Due to an error in the area of the Visual Components VC4 Runtime, it is possible that access to the HMI application using VISAPI function VA_Saccess is no longer possible. The function always returns status 7000 (Busy) in the event of an error.

In addition, it is possible that the HMI application freezes. The likelihood that the error occurs increases if there is high utilization of the alarm system, e.g. by continuous fast reading of the alarm history (VA_GetExAlarmList).

Error correction:

Error corrected in new VC Runtime version.

Workaround:

A workaround is not possible.

ID#400231268 : solved problem, known since VC 4.33.0, solved since VC 4.34.1

Empty alarm line displayed

Error behavior:

If there is no alarm to display, the alarm control shows an empty line with the configured background color. This error behavior only manifests itself if the alarm control is shown transparently with a transparent border.

Error correction:

Error corrected in new VC Runtime version.

Workaround:

A workaround is not possible.

ID#400224040 : solved problem, known since VC 4.06.2, solved since VC 4.34.1

VC Windows Terminal: Missing alarms during continuous alarm generation

Error behavior:

Due to an error involving the alarm system, alarms may not be displayed in VC Windows Terminal HMI applications.

Error correction:

Error corrected in new VC Runtime version.

Workaround:

All alarms are displayed correctly after a page switch.
ID#400223280 : solved problem, known since VC 4.26.3, solved since VC 4.34.0

Center alignment for some non-text column types not working in alarm control

ID#400188979 : solved problem, known since VC 4.24.1, solved since VC 4.33.0

VC4: Not possible to sort the historical alarm list

Error description
This error occurs if the historical alarm list is configured with sort order "Ascending". At runtime, the list is output in descending order.

Error correction:
Replace with new Visual Components Runtime version.

Workaround:
A workaround is not possible.

ID#400164068 : solved problem, known since VC 4.06.0, solved since VC 4.33.0

VC4 > Terminal > Display of alarms is inconsistent (missing / too many alarms) when continuously setting/resetting alarms.

ID#400188149 : solved problem, known since VC 4.24.1, solved since VC 4.31.0

Alarm system generating message "BatteryDischarged" when starting X20 CPU without battery

ID# 400176027, 400190733 : solved problem, known since VC 4.24.0, solved since VC 4.32.0

High CPU load with VC_GetExAlarmList and large alarm history

SG4 Runtime – Common

ID#400266650 : solved problem, known since VC 4.3.x, solved since VC 4.34.4

Panel buttons on SDL interface not working if a Mobile Panel is configured with buttons

Error behavior:
Due to incorrect initialization, the keys of an Automation Panel configured in VC4 do not work on the SDL interface if a Mobile Panel is configured in the Automation Studio project.
Warning 28715 "Unable to create Rtk object (ASCII data 'VCKeyRefresh#0')" is entered in the logbook.

Error correction:
Error corrected in new VC Runtime version.

Workaround:
A workaround is not possible.

ID#588755 : solved problem, known since VC 4.44.0, solved since VC 4.34.2

Exception page fault (25314) when displaying a trend control if no trend data configured

Error behavior:
A missing check can result in a page fault (error 25314) involving Visual Components Runtime if no trend data is configured for a trend curve of a trend control. Function CTrendControl_DispatchMessage_ValueChanged is located in the backtrace of the corresponding Logger entry.

Error correction:
Bug fix in new VC Runtime version.

Workaround:
Configure valid trend data for each trend curve.

ID#583565 : solved problem, known since VC 4.44.0, solved since VC 4.34.2

VC Windows Terminal not showing value for Internal.Temperature.CPU data point on xPC3100 devices

Error description:
Due to an error involving VC4 Runtime, no value was displayed for internal data point "CPU temperature" on the APC3100 / PPC3100 with VC Windows Terminal.

Error correction:
Error corrected in new VC Runtime version.

Workaround:
A workaround is not possible.

ID#400237304 : solved problem, known since VC 4.34.1, solved since VC 4.34.2

Transferring changes in HMI application not working in combination with specific touch controller firmware

Error behavior:
Incorrect implementation of the HID touch driver's deinitialization in VC Runtime did not stop it properly when transferring changes in the HMI application. As a result, the transfer remained frozen for 5 minutes and the touch screen no longer worked after the transfer. A restart (warm restart) of the target system corrected the error (touch screen worked again). Until now, this error only occurred with specific versions of the touch controller firmware.
Error correction:
Error corrected in new VC Runtime version.

Workaround:
Transfer in service mode

ID#400230963 : solved problem, known since VC 4.26.6, solved since VC 4.34.1
Page fault 25314 on terminal master if more than 10 configured terminal clients

Error behavior:
An error in VC4 Runtime can result in a page fault if more than 10 VC4 terminal clients are configured.

Error correction:
Error corrected in new VC Runtime version.

Workaround:
A workaround is not possible.

ID#400228974 : solved problem, known since VC 4.26.5, solved since VC 4.34.3
Time jumps in trend time scale possible when using EnableDatapoint with TrendData

ID#400223246 : solved problem, known since VC 4.33.0, solved since VC 4.34.1
Exception page fault (25314) in VC Runtime when downloading changes to global variables

Error behavior:
Due to missing locking involving Visual Components Runtime, a page fault is possible (error 25314). Modules "vcgclass" and "vcdsloc" are listed in the backtrace of the associated Logger entry. The error is triggered by downloading changes to the global variables.

Error correction:
Error corrected in new VC Runtime version.

Workaround:
This error no longer occurs in Automation Runtime B4.34 (and later).

ID# 400226068, 400226483, 400227058 : solved problem, known since VC 4.33.0, solved since VC 4.34.0
Battery alarm triggered on APC910 although battery OK

ID#545895 : new function since VC 4.34.2
VC support for APC3100/ PPC3100
APC3100 and PPC3100 are supported in Visual Components starting with this VC Runtime version.

ID#400221449 : solved problem, known since VC 4.33.0, solved since VC 4.34.0
VcScrSht not working with shared Visapi functions

Error behavior:
Due to an error affecting library VcScrSht, in certain cases it is not possible to successfully execute the library functions if Visapi functions (e.g. VA_GetTouchAction) are being used. The affected function (Screenshot) returns status 20700.

Error correction:
Error corrected in new VC Runtime version.

Workaround:
Do not execute Visapi functions simultaneously with VcScrSht functions.

ID#400223883 : solved problem, known since VC 4.33.0, solved since VC 4.34.0
"Battery discharged" alarm output in VC4 under ARwin on target system without backup battery (APC2100, PPC2100)

ID#400206054 : solved problem, known since VC 4.26.2, solved since VC 4.34.0
Possible page fault when loading HTML files that do not conform to the standard (e.g. characters outside 7-bit ASCII character set)

ID#400218363 : solved problem, known since VC 4.26.3, solved since VC 4.34.0
Texts ending with a line break character ("\n") not being displayed correctly

Error behavior:
An error in Visual Components VC4 Runtime can result in texts that end with a line break character ("\n") not being displayed correctly.

Error correction:
Error corrected in new Visual Components VC4 Runtime version.

Workaround:
A workaround is not possible.
Degradation of graphics performance on APC2100 / PPC2100

Error behavior:
The graphics performance of the APC2100 / PPC2100 has degraded as a result of a previous error correction in Visual Components Runtime.

Error correction:
Error corrected in new VC Runtime version.

Workaround:
A workaround is not possible.

Error ID#400189310 : solved problem, known since VC 4.24.1, solved since VC 4.33.0
HMI application on an X20CP1382 RT is no longer accessible with VNC after transfer.

Error behavior:
Due to an error in Visual Components Runtime, the HMI application on an X20CP1382 RT is no longer accessible via VNC.
When transferring the HMI application, the transfer bar stops. Connecting with VNC is no longer possible.
This error occurs on PLCs of type X20CP1382 RT and X20CP1381.

Error correction:
Error corrected in new Visual Components Runtime version.

Workaround:
Restart the PLC after download.

Error ID#400206985 : solved problem, known since VC 4.26.2, solved since VC 4.33.0
VC4 trend: Not possible to scroll time axis on user trend for stopped/ended recording

Error ID#400203732 : solved problem, known since VC 4.26.1, solved since VC 4.32.0
Page fault when using VISAPI function VA_Textout in VC 4.26.1

Error behavior:
Due to an error in Visual Components Runtime 4.26.1, a page fault occurs when calling VISAPI function VA_Textout. The backtrace of the associated Logger entry contains function "visapi". The error is triggered if a coordinate has a negative or very large positive value.

Error correction:
Error corrected in new Visual Components Runtime version.

Workaround:
Before calling VA_Textout, make sure that the coordinates are within the HMI application or DrawBox.

Error ID#400202790 : solved problem, known since VC 4.26.1, solved since VC 4.33.0
Incorrect alignment if multi-line enabled and only one line of text

Text is aligned differently with manual/automatic multi-line than if multi-line is disabled.

Error ID#400201807 : solved problem, known since VC 4.26.1, solved since VC 4.32.0
VC4 / Online-Trend: If data points TrendEnable or TrendTrigger and ChangePage are set at the same time, a PageFault occurs when switching to the trend page.

Error ID#400200090 : new function since VC 4.32.0
VC4: Error 28713 ASCII data="vcpkusb": USB keyboard not supported on ARM target systems (e.g. 4PPC30)

Error ID#400200119 : solved problem, known since VC 4.26.0, solved since VC 4.32.0
VC4 page fault when switching to a language that is not fully configured

Error ID#400196923 : solved problem, known since ARSG4_4.25.10_04.25, solved since VC 4.33.0
VcScrSht not freeing up file handle in event of error

Error behavior:
Due to incorrect error handling in library VcScrSht, the file handle of the file created by function ScreenShot() is not freed up again.
As a result, it is no longer possible to free up the file device again using DevUnlink() from library FileIO.
This error occurs if too less target memory is available on the data storage device, for example.

Error correction:
Error corrected in new VC Runtime version.

Workaround:
A workaround is not possible.

Error ID# 400197140, 400198312 : solved problem, known since VC 4.26.0, solved since VC 4.32.0
VC4: Microsoft fonts such as "Calibri" displayed incorrectly at small font sizes (9–15)

Error ID# 400180752, 400166136 : solved problem, known since unbekannt, solved since VC 4.32.0
ID#400196578 : solved problem, known since VC 4.26.0, solved since VC 4.32.0

VC4: Texts displayed in color TextLengthOverrun if Format:Multiline = Automatic configured for the text

ID#400195383 : solved problem, known since VC 4.25.0, solved since VC 4.32.0

VC4 online trend: Faulty display of page switching and simultaneous trigger

ID# 400193974, 400197683 : solved problem, known since VC 4.15.9, solved since VC 4.32.0

VC4: Page fault when switching to a page containing trend if no value entered under TrendCurve/Value/TrendData

ID#400192538 : solved problem, known since VC 4.25.0, solved since VC 4.31.0

Page fault with error code 25314 occurring when transferring changes in an HMI application

ID#400188145 : solved problem, known since VC 4.25.0, solved since VC 4.31.0

VC4: HMI application freezing and high CPU load when using frequently changing text snippets

ID#400183331 : solved problem, known since ARSG4_4.26.1_A04.26, solved since VC 4.34.0

HMI application sometimes freezing on page change

The HMI application can freeze when changing from a page where several text changes took place to another page.

ID#400185670 : solved problem, known since VC 4.24.1, solved since VC 4.31.0

Page fault when displaying historical alarm list containing alarm texts that are using snippets of type "Text"

ID#400183591 : solved problem, known since VC 4.15.7, solved since VC 4.33.0

Memory access error after transferring an HMI application to the controller multiple times

Error behavior:
Due to an error in Visual Components Runtime, a memory access error can occur after transferring an HMI application to the controller multiple times.
The transfer is aborted with error 11022. Entry 25314 is written to the Logger.
The error occurs in the following situations:
* If a global resource is changed.
* If multiple HMI applications are being used.
* If an HMI application is started manually from the user task

Error correction:
Error corrected in new Visual Components Runtime version.

Workaround:
A workaround is not possible.
APC 910 booting cyclically after several restarts (power failures)

Error behavior:
Due to an error in Visual Components Runtime 3, the APC may start booting cyclically after several restarts.
The error is triggered if:
1) a large font is used in the HMI application
2) the alarm history is set to Persistent = TRUE
3) a secure file system with USER partition is created on the CFast card

Error correction:
Correct the error by installing a new version of Visual Components Runtime.

Workaround:
A workaround is not possible.

ID#400136534 : solved problem, known since VC 4.05.6, solved since VC 4.33.0
Jump to anchor within HTML document not working

SG4 Runtime – Controls

ID#400246947 : solved problem, known since VC 4.16.2, solved since VC 4.34.3
Scaled data points at a scroll data point of a trend causing the data point to be written back incorrectly when loading the trend control is loaded (double scaling)

ID#400243290 : solved problem, known since VC 4.26.7, solved since VC 4.34.2
User trend not always displayed

ID#400221073, 400221007 : solved problem, known since VC 4.26.3, solved since VC 4.34.0
Entire idle time being taken up by trend controls that have not yet been started

ID#400217032 : solved problem, known since VC 4.26.3, solved since VC 4.34.0
Page fault in vctrend / VC4 trend

Error behavior:
An error in Visual Components VC4 Runtime can result in a page fault with the "Trend" control. The backtrace of the associated Logger entry contains modules "vcgclass" and "vcctrend".

Error correction:
Error corrected in new Visual Components VC4 Runtime version.

Workaround:
A workaround is not possible.

ID#400214904 : solved problem, known since VC 4.26.3, solved since VC 4.33.0
VC4 string/slider control causing page fault if bitmap of connected border disabled (deleted)

ID#400210444 : solved problem, known since VC 4.26.2, solved since VC 4.33.0
VC4: HTML page fault when opening the HTML control with a connected HTML stream data point that is nonetheless outside the valid range.

ID#400210396 : solved problem, known since VC 4.26.2, solved since VC 4.33.0
VC4: HTML page fault when opening the HTML control with a connected but unused HTML stream data point

ID#400201658 : solved problem, known since VC 4.26.1, solved since VC 4.32.0
VC4: Value changes with KeyAction StepUp/Down are not applied to the data point. The entry must be conformed by pressing Enter.

ID#400196439 : solved problem, known since VC 4.26.0, solved since VC 4.32.0
VC4 > Edit control > Syntax−highlighting: Text always displayed with transparent background color The "filled" background configuration (FillStyle=Opaque) is not evaluated correctly.

ID#400194500 : solved problem, known since VC 4.25.0, solved since VC 4.32.0
VC4 listbox: Selecting current element toggles the following controls into input mode

ID#400190015 : solved problem, known since VC 4.24.1, solved since VC 4.31.0
Controller entering service mode with error 25314 when opening HTML page with a URL longer than 500 characters

ID#400188836 : solved problem, known since VC 4.24.1, solved since VC 4.32.0
VC4 > VCWT: Auto−repeat function not working for key actions StepUp / StepDown and EditUp / EditDown

ID#400189091 : solved problem, known since VC 4.24.1, solved since VC 4.32.0
Making input on VC4 Trend control causes a page fault

ID#400184909 : solved problem, known since VC 4.24.1, solved since VC 4.31.0
VC4 > User trend: Incorrect starting time calculation with SampleRateDatapoint
ID#400189412 : solved problem, known since VC 4.24.1, solved since VC 4.33.0
VC4 trend: Charts disabled via status data points temporarily displayed on page change

ID#400184317 : solved problem, known since VC 4.24.1, solved since VC 4.31.0
Page fault when loading HTML page using .gif images

ID#40018051 : solved problem, known since VC 4.15.9, solved since VC 4.33.0
VC4 HTML: Page change not possible until TCP timeout (ca. 80 seconds) if an HTML page cannot be loaded (unable to reach server, etc.) -> HMI application freeze

ID#400175586 : solved problem, known since VC 4.24.1, solved since VC 4.31.0
VC4: Edit control needing too much time to display huge (> 1 MB) STRING

ID#400168485 : solved problem, known since VC 4.23.0, solved since VC 4.32.0
GIF files not displayed in HTML viewer
Error behavior:
An error in Visual Components Runtime is preventing GIF images from being displayed in the HTML viewer.
The area where the images should be displayed remains empty.
Error correction:
Error corrected in Visual Components Runtime
Workaround:
Use .png format for image files.

ID#400190600 : solved problem, known since VC 4.24.0, solved since VC 4.33.0
Gauge control display error
When rotating the needle bitmap, it begins jumping around the point of rotation. The scale was also displayed incorrectly.

SG4 Runtime – Keyhandling
ID# 400215512, 400215557, 400215556 : solved problem, known since VC 4.26.3, solved since VC 4.33.0
VC4: Page change massively slowed down by connected key mapping file

ID# 400170650, 400193010 : solved problem, known since VC 4.15.6, solved since VC 4.32.0
VC4 / Key action / ChangeLanguage --> Next/Previous order not matching language index

SG4 Runtime – Scaling
ID#400201713 : solved problem, known since VC 4.26.0, solved since VC 4.33.0
VC4 > Numeric text snippet: Values rounded and shown with incorrect formatting

ID# 400192520 : solved problem, known since VC 4.25.0, solved since VC 4.31.0
Units in text snippets not displayed correctly on C30 panel (ARM)

SG4 Runtime – VNC
ID# 400214274, 400217854, 400220193 : solved problem, known since ARSG4_4.25.10_J04.25, solved since VC 4.34.0

Page fault on VNC connection
Error behavior:
An error in Visual Components VC4 Runtime can result in a page fault with a VNC connection. The backtrace of the associated Logger entry contains affected module "vcpdvnc".
This error increases in frequency with a poor network connection between the server and client (e.g. Internet).
Error correction:
Error corrected in new Visual Components Runtime version.
Workaround:
The error only occurs if color depth and encoding are configured manually on the client (i.e. not "Automatic").

ID#400216356 : solved problem, known since VC 4.16.2, solved since VC 4.34.0
Aborted connection of VNC client blocking screen update of other clients on the same VNC server

ID#400215966 : solved problem, known since VC 4.26.2, solved since VC 4.34.0
VC4 – VNC: Page fault possible on server when connecting VNC client with keys (T30) for the first time

ID#517895 : solved problem, known since VC 4.32.0, solved since VC 4.33.0
100% CPU load when displaying a trend
When displaying a trend, unnecessary repaints of the control can cause a CPU load of 100%.
**ID#400203478** : solved problem, known since VC 4.26.1, solved since VC 4.32.0

VC4/VNC: "Booting" always shown on display

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**ID#400199977** : solved problem, known since VC 4.26.0, solved since VC 4.32.0

VC4 > VNC – The auto-repeat function does not work for key actions StepUp / StepDown and EditUp / EditDown.

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**ID# 400163795, 400183957** : new function since VC 4.32.0

Second VNC connection with other color depth not possible

Behavior:
If a VNC connection already exists with 32-bit color depth, then it is not possible to establish a second connection with 8-bit color depth.
A corresponding error message is output in the Logger.

Update:
It is now possible to establish other connections with 8-bit color depth even if a VNC connection with 32-bit color depth exists.

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**ID# 400179846, 400182117** : solved problem, known since VC 4.15.6, solved since VC 4.31.0

VC4 > VNC connection timeout not working without cyclic changes in the HMI application (e.g. clock display)

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**SG4 Runtime – TerminalMode**

**ID#400232647** : solved problem, known since VC 4.34.2, solved since VC 4.34.3

VC4 for Windows Terminal: VC Internal datapoint CPU temperature does not work on APC2100 / PPC2100

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**ID#400219778** : solved problem, known since VC 4.06.2, solved since VC 4.34.1

VC Windows Terminal crashing

Error behavior:
Due to an error involving the Visual Components Runtime alarm system, it is possible that application VC Windows Terminal (BR.VC.project.loader.exe) crashes.

Error correction:
Error corrected in new VC Runtime version.

Workaround:
A workaround is not possible.

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**ID#400209916** : solved problem, known since VC 4.26.2, solved since VC 4.33.0

VC4 ARwin: Hardware keys configured in VC not evaluated

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**ID#400196456** : solved problem, known since VC 4.15.9, solved since VC 4.32.0

VCWT showing incorrect HMI application in Windows XP

Error behavior:
Visual Components Windows Terminal (VCWT) is configured for a certain network interface.
Due to an error in VCWT, it connects to a server via the other (unconfigured) network interface.
The HMI application on the unconfigured network interface is displayed.

This error is triggered in the following cases:
* 2 active network interfaces exist.
* An HMI application server with the same node number is running in both networks.

Error correction:

Workaround:
A workaround is not possible.

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**ID# 400166409, 400173059** : solved problem, known since VC 4.24.0, solved since VC 4.32.0

VC4: Page fault in VC Terminal when establishing the connection if different subnet mask configured on server and client

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**ID# 400195768, 400197926** : solved problem, known since VC 4.26.0, solved since VC 4.32.0

VC4: Connection to server not established by VCWT if ETH interface on terminal configured for manual IP address

Error behavior:
An error prevents VCWT from connecting to a server.
The following entries are listed in the log file BR.VC.ProjectLoader.txt:
* Unable to connect boot server, errno 10051
* Unable to bind socket, errno 10049

The error is triggered if the terminal is configured with a manual IP address.

Error correction:
ID#400149307 : solved problem, known since VC 4.26.0, solved since VC 4.32.0

VC4 edit control: Page fault possible if the contents of the Value data point changes between "Copy" and "Paste".

Workaround:
A workaround is not possible.

ID#400178745 : solved problem, known since VC 4.24.1, solved since VC 4.32.0

VC4: Connection to server not established by VCWT if ETH interface on terminal configured for manual IP address

Error behavior:
An error prevents VCWT from connecting to a server.
The following entries are listed in the log file _BR_VC_ProjectLoader.txt:
* Unable to connect boot server, errno 10051
* Unable to bind socket, errno 10049

The error is triggered if the terminal is configured with a manual IP address.

Error correction:

Workaround:
A workaround is not possible.

ID#452230 : solved problem, known since VC 4.15.6, solved since VC 4.32.0

VC4 > VCWT – The auto-repeat function does not work for key actions StepUp / StepDown and EditUp / EditDown.