

## VisiLogic V9.8.94 Bugs Fixed

- Fonts: In some cases, fonts were not shown correctly in VisiLogic.
- SNMP Ladder elements: these were missing when V570 was selected in Hardware Configuration.
- Downloads: in certain cases a message box would incorrectly pop up at Download
- FB Protocol SCAN: in certain cases a Numeric variable would receive a value when it should not.
- V350 HSC Frequency Measurement: frequency might be incorrectly measured if when V350 was selected in Hardware Configuration.
- Socket Init: if this was set to PCOM, Modbus did not work.
- Export/import operands, V130: address blocks were sometimes incorrect
- Adding a VFD to an existing application: some operand descriptions were not preserved when a VFD was added to an existing project.
- Alarm groups: in some cases, removing an alarm group might not clear all configurations.
- PWM: In certain cases, when a project included 2 PWM and PTO configurations, PWM did not work.
- Scrolling Ladder did not always work correctly if color was added to Ladder nets.

## VisiLogic V9.8.91 Bugs Fixed

Fixed in this version:

- Signature Log - column PLC Reset was not updating properly.
- UDP RAW SCAN/Send was missing socket 3
- Ladder editor (Win 10) – Page up/down Scroll bar is not working
- In some case when opening a project that contact “Duplicated tags” an error was generated
- In some cases import/export operand descriptions CSV failed
- CANopen SDO upload did not work in certain cases
- Remote IO Configurator had Zoom issues
- Unable to download applications with COM INIT to standard Vision and EX-RC1. (Return Error message: Unable to get data from: Ladder Tokens)
- Adding VFD to samba or V130 generated error due to operand addressing
- Struct: Copy Mixed Data – overwrite warning: when importing a URB I/O configuration, the import can over-write vectors that are already in use; a message box now appears to warn the user.
- In some cases there was no option to download application to EXF-RC15

## VisiLogic V9.8.90 Bugs Fixed

No bugs were reported in the previous version

## VisiLogic V9.8.80 Bugs Fixed

Fixed in this version:

- UDP RAW – Socket Numbering Issue: sockets were numbered, depending on the controller model, from 1-3 or 1-8. The numbering has been adjusted to 0-3 or 0-7, depending upon the number of sockets in the controller model.
- Write to .csv: the modified date attribute did not update.
- EHS6T GPRS: in certain cases did not register successfully.
- Hardware Configuration: In some cases no scroll bar appeared.
- EXF-RC15 – PCOM over CAN was not working after power cycle. Fixed.

## VisiLogic V9.8.79 Bugs Fixed

Fixed in this version:

- SD CSV logging: in certain circumstances, the File Modified Date was not updated.
- VisiLogic print: in portrait mode, only one page could be printed.

## VisiLogic V9.8.65 Bugs Fixed

- SAMBA – The RS485 for COM2 is now visible in COM INIT.
- Data Table grid scroll bar width is now standard.
- Trend - Title of operand window to matching to variable field. (Trend Load Error bit).
- Ladder Printing improved – in some case the text of subroutine name was on top of ladder elements.
- Remote Operator for Mobile – Alpha Numeric Keyboard is now visible for V700/V1040/V1210
- Mail Date Header was fixed.

## VisiLogic V9.8.64 Bugs Fixed

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- Timer operands used as Jumps generated an unnecessary jump.
  - If a project set to Samba includes a Socket Init function set to protocol HTTP, a compilation error now results. (Samba does not support web server)
  - "IsDisplayed" operand is now always reset at powerup.
  - Deleting the Webserver now removes all pages, include the default.
  - SI222 - Number of RTR NMT message objects in the buffer waiting to send is set to a maximum of 12, from 8 to 12

## VisiLogic V9.8.22 Bugs Fixed

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V430/SM43 Text Color	Black Text sometimes appeared blue in these models.
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### VisiLogic V9.8.00 Bugs Fixed

HMI Tank Element	Including a Tank Element on the HMI screen caused an error message to be displayed.
Additional Issues	This version included some minor bug fixes.

### VisiLogic V9.7.44 Bugs Fixed

Combo Boxes	Did not open randomly
Printing	Minor issues

### VisiLogic V9.7.24 Bugs Fixed

Samba	<ul style="list-style-type: none"> <li>Program sections that were imported containing SD functions, did not give a compilation error.</li> <li>Certain issues relating to application size, including images, have been fixed</li> </ul>
SMS Send function	Double-clicking on an SMS Send function sometimes caused VisiLogic to close.
Clone Files	Certain Clone files produced using VisiLogic 9.70 had issues with images.
Save icon	The Save icon appeared to be disabled both when opening a new project, and loading project.

### VisiLogic V9.7.0 Bugs Fixed

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No bugs were fixed in 9.7.0

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### VisiLogic V9.6.0 Bugs Fixed (these are fixed in the current version)

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Export/ import Operands	Did not successfully import System Operands. Did not support Reset Option after Import.
Data Tables	If a table contains Part of Project with an odd number of bytes, a warning message is displayed. If the table is to be opened in an external utility such as SD Suite, you must add a new table comprising a single row of a single column type bit/Boolean.
PTO	When Stop was triggered during acceleration, deceleration did not begin from the actual current value, but from the maximum value.
FB Protocol	Stream variable did not always receive the correct number of bytes.
Alarm Acknowledge	Did not always function correctly.
Hardware Configuration	TRA22: the icon displayed for NPN and relays was identical.
VisiLogic 10.4"/12.0" project	A project with a user-defined splash screen, when converted to V570 might cause the PLC to lock while trying to draw the image.
Print HMI	V1040 and V1210 did not always print relevant size of display.

**VisiLogic V9.5.0 Bugs Fixed  
(these are fixed in the current version)**

PTO	Various improvements
V130 String Library	Library was not downloaded after editing.

**VisiLogic V9.4.0 Bugs Fixed  
(these are fixed in the current version)**

Customized Splash Screen	Was not shown in certain circumstances.
Trends from SD	Improved handling

String Library	Was sometimes unnecessarily downloaded, which increased Download time.
Leading Zeroes in IP addresses	Caused connection errors.
PTO	<ul style="list-style-type: none"> <li>List of elements in Find window did not match the list of PTO functions in Utilities menu</li> <li>A Move function taking place while another Move was active did not function as expected.</li> <li>Did not always operate the right transistor outputs.</li> </ul>
Font limit	Exceeding the legal limit regarding the number and volume of fonts, sometimes led to a PLC error after download. As of this version, a warning is displayed to the programmer to prevent download.
PID	In certain circumstances, PID parameters were set to "-1" by Autotune

<b>VisiLogic V9.3.1 Bugs Fixed (these are fixed in the current version)</b>	
HMI Variable: Numeric Keypad Entry	If Minimum and Maximum values are out of the range of the linked register, it is not possible to enter any numeric data. This will now be marked by a Compile error.
Downloading via Ethernet	This sometimes resulted in downloading incompatible system files. The Ethernet Download Wizard added in this version simplifies the download process to help prevent this issue
HMI Variable: Numeric Range	In certain cases, Defragmentation lost/changed certain pre-defined data.
Trend to SD	If, when Trend History was being displayed, a corrupted Append section was reached, the PLC remained Busy, and the user could not skip forward to the next section. Now, the user can skip to the next valid section.

Find	Did not find: - String Library fonts. - bit linked to 'HMI Display Loaded'
V350	In certain cases, the BINLIB file did not download correctly.
Alarms	Alarm Details text was not always optimally displayed
V1040	In certain cases, the user was unable to press two keys simultaneously.
PTO	Several small bugs have been fixed.
V290	Improved support.
HMI Display text	In certain cases, the text from the String Library was taken from the wrong row number.

<b>VisiLogic V9.3.0 Bugs Fixed (these are fixed in the current version)</b>	
Hardware Configuration, model switch	Switching from V130 to V120 caused a new project to be opened.
DF1	Reading a value ending in 10 hexa resulted in an extra byte.
Data Table Read Row	Read Row caused an RTE if a row was empty.
Alarms	<ul style="list-style-type: none"> <li>• V1040 Text strings exceeding the length limits were extended off the Alarm screen.</li> <li>• Alarms configuration Save and Add New did not automatically jump to the next unused MB and text content</li> </ul>
String Library V130	When number of libraries was changed, no message was given that the capacity per library would change, and that data might be truncated.
SD Browser	In some projects, the function could not be assigned to the desired SD folder.
CANopen	Opening an older CANopen project caused an RTE.
SD Create Excel Delimited	An empty field for binary text resulted in an RTE.
Netbooks: Online mode	When using Online Test mode on a small screen netbook, clicking a ladder element caused the popup window, which enables the user to edit operand values, to open--but the popup was not visible on the

	screen.
VisiDiff	Improved function with this release.

<b>VisiLogic V9.2.0 Bugs Fixed (these are fixed in the current version)</b>	
Transparent images	Are now supported on all color models (65536 colors)
J1939	Improvements in configuration.
PTO utility (PTO-enabled v130/350 models only)	<ul style="list-style-type: none"> <li>• Fixes normal stop on Accelerate phase</li> <li>• Protect user from trying to run undefined PTO channels.</li> <li>• Updated status messages in Configuration and Stop modules</li> <li>• Prevent reverse movement in PTO Stop</li> </ul>
System text	Now properly aligned on screen
Password String variable	Using arrows generated error.
SD files: Data Table and Trend	The related SIs - maximum number of DT files (SI64) and max number of trend files (SI63) - now functionas expected
DF1	Improved handling

<b>VisiLogic V9.0.1.Bugs Fixed (these are fixed in the current version)</b>	
None	

<b>VisiLogic V8.6.3 Bugs Fixed (these are fixed in the current version)</b>	
HMI Editor View default	· In V8.6.2, the Editor opened in Zoom mode; the jumps were not visible.
Ladder Bug	· Placing MODBUS elements sometimes caused an RTE.

VisiLogic V8.6.2 Bugs Fixed (these are fixed in the current version)

HMI, Enhanced Vision · HMI Editing + Zoom: HMI changes created during Zoom were not only always saved

Hardware configuration

· I/O options did not show Normal/Fast resolutions for models: V350-35-TRA22, V130-33-TRA22, V130-35-TU24

**VisiLogic V8.6.1 Bugs Fixed  
(these are fixed in the current version)**

String Library, .csv import	This is no longer dependant on Microsoft Office being installed on the PC.
Built-in Web server configuration	· If memory was exceeded, no error message was given at compilation; one was added. · Memory allocation graph was inaccurate
V350-35-TU24	Selection modes added: fast/Normal for volt/current
MODBUS IP Configuration	Changing slave parameters in MODBUS IP Configuration did not update the slave parameter descriptions in MODBUS commands.
Right-to-left languages	In Data Table cells, there was no right-align option
SD Card functions, busy bit	Notes regarding busy bits were added to some functions
PLC Name, illegal chars	Accessing a PLC named using illegal ASCII characters caused RTE, now shows error message
Search	Did not find HMI 'is Displayed' operand
V130	Binary images were not displayed properly on image
Data Table import	In certain cases VisiLogic could not import data table's structure & values from the PLC.
Built-in Web server	When converting a project from previous VisiLogic version to 8.6.0, Web server configuration was lost in some specific cases
Thermometer, Remote Access	Did not display decimal point in Remote Access
HMI functions	Problem with translating few of the HMI functions
Import operand description	When canceling import operand description, the selected file was imported anyway.
Save & Close operand, dual screen	When an operand was saved and closed on a secondary screen, and the screen was disconnected, the operand could not be opened from the primary screen
Font Handler	Deleting a font sometimes caused HMI text elements to lose text.
SD Excel Create Delimited line	When configuring List By Value – from some point received RTE



**VisiLogic V8.6.3 OS V2.1.31****Bugs Fixed (these are fixed in the current version; OS update required)**

Operands	Kept their values (MB468 =1 and MB469 = 0) independent of application logic and was not possible to be operated.
Trends (Enhanced models)	R.T.E. after changing curve properties while HMI is not active. When applying changes to trends and curves on Project tree, the whole tree redrawn itself, causing it to collapse or be annoying to users.
GPRS - Enfora modems	If the PLC closes the socket, instead of normally close the socket, it caused socket error. This prevented VisiLogic from returning to Listen mode.
Alarms	Define Alarm description in string 4095 in String Library #2 led to R.T.E.
HMI	<p>Meter variable (V130) – when trying to change decimal point in "Ranges" tab using Up/Down arrows, it changed the Min/Max values instead.</p> <p>When trying to copy element "Timer to ASCII" or to export subroutine which contains this element an error message: "The selection contains elements that reference named constants" appeared and copy/paste was not possible.</p> <p>HMI – Numeric variable - The Text after was not appearing in the HMI element and therefore Fit To Size would cause the size to fit the format 9.99999999 without the text after.</p> <p>HMI – Fonts - After importing displays that contain fonts that already exist in the project – the font handler add the same fonts again. If System fonts were used, then the added fonts are also "system" and cannot be deleted.</p> <p>HMI - LED bar variable – lighted again the first LEDs on higher values, keeping the last few LEDs black.</p> <p>HMI In "color" models (V350/570) there was a possibility to add elements on top of vars. If you draw a variable and then on top of it – for example text element, in VisiLogic it was looking OK, but not in the controller.</p> <p>If HMI module's name was longer than 25 characters, while downloading, RTE occurred. Now HMI module's name can be up to 50 characters.</p> <p>In Vista loaded PC, parameter's text was not visible (black field).</p> <p>Trying to type Cyrillic in String Library or SMS Configuration – the text was messed</p>

TCP/IP	Card Init block - In VisiLogic projects, created with V6.01, after opening Card Init, the values for IP address, Subnet mask and default gateway was messed.
Hardware configuration	V530 project with V200-18-E6B snap In module – after upload HWC data was messed.

### **VisiLogic V7.0.1 OS V1.002 (B7)**

#### **Bugs Fixed (these are fixed in the current version; OS update required)**

Project conversion, V120-V130	In some cases, conversion hung and did not complete.
Project conversion, Enhanced, String Library	The number of strings in a library of each model is different. This sometimes lead to errors during conversion.
Snap-in I/O module, V200-18-E6b	In Hardware Configuration, the analog input resolution was always Normal.
Data Table: Find row Extended function	There was no option to choose Boolean operand.
Data table using write	If the Write option in the Data Table window was used to set multiple Boolean elements, only the first element stayed set.
Disable View property	When an MB was assigned to Disable View property for Binary text variable, the user would click OK, but would not see the MB in the Properties.
Download project	A project close to 64K in size would sometimes fail to download.

### **VisiLogic V6.0.1 OS V1.002 (B7)**

#### **Bugs Fixed (these are fixed in the current version; OS update required)**

Trends HMI	Certain projects containing Trends HMI object would automatically run Defrag resulting in a run-time error.
Subroutine Import/Export	Sometimes resulted in a run-time error.
Small HMI Images	Images smaller than 8 by 8 pixels may have -Displayed incorrectly -Influenced other pixels in the same display

### **OS V1.002 (B05 V570 and V130 only)**

#### **Bugs Fixed (these are fixed in the current version; OS update required)**

MF 3	When MF3 held a value other than 0, there was a power-up error
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To obtain an updated OS:

- V570: From VisiLogic, run Update from the web: Help>Check for updates>Operating Systems
- V130: Contact support@unitronics.com in order to receive the correct OS version

### **OS V1.002 (B03), V570 and V130 only**

#### **Bugs Fixed (these are fixed in the current version; OS update required)**

MODBUS, Serial and TCP/IP Read/Write Coils	Read: When a vector of coils was read, the coil immediately after the vector was reset. For example, reading coils 5,6,7 would reset coil 8 in the master.  Write: When a vector of coils was written, the coil immediately after the vector was reset. For example, reading coils 5,6,7 would reset coil 8 in the slave.  To obtain an updated OS: <ul style="list-style-type: none"><li>· V570: From VisiLogic, run Update from the web: Help&gt;Check for updates&gt;Operating Systems</li><li>· V130: Contact support@unitronics.com in order to receive the correct OS version</li></ul>
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### **VisiLogic V6.0.0 OS V1.002 (B2)**

#### **Bugs Fixed (these are fixed in the current version; OS update required)**

FB PWM	When Duty cycle reached 100% maintained that level for a period of time, and then decreased, the output bit was "stuck" at "1."
HMI Timers, Keypad Entry	When set to format HH:[MM:SS:hh] - 23 was the maximum number that could be entered in HH.
Info mode>Serial	The strings for COM port 3 (V570) were not visible.

### **VisiLogic V5.2.3**

#### **Bugs Fixed (these are fixed in the current version)**

Communications>PC Settings>Initialize & Reset	Clicking the Initialize and Reset button did not always carry out the action.
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### **V570/290-C Firmware lower than: O/S 1.1 Build 07**

PLC - Failure	If the operator used the touch panel to enter a numeric value (HMI or INFO) while MI 166 = 32, the PLC watchdog was activated immediately when any touch element was pressed.
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**VisiLogic V5.2.2 Bugs Fixed**  
**(these are fixed in the current version)**

VisiLogic 'remains active'	When VisiLogic was closed, some VisiLogic processes remained to be active, and had to be shut down via Windows Task Manager.
Trends	Data Overflow message removed
Upload failure	'Full Download' programs could not be uploaded
Find and Replace	'Find and Replace' utility did not actually replace operands linked to HMI elements
Memory Requirement message	V570 only: A Compile error message was displayed when the FB memory requirement exceeded 8K—even though the actual V570 memory capacity is 32K.

VisiLogic V5.2.1 Bugs Fixed  
 (these are fixed in the current version)

VisiLogic Shutdowns	This version of VisiLogic should be more stable.
GPRS	Improved GPRS communication.
V570/290-C: SMS Receive	Did not function properly in projects that contained certain other FBs
V570/290-C: Immediate Write to Output	Did not work.
Data Tables	<ul style="list-style-type: none"> <li>· Part of Project now supports up to 128 KB</li> <li>· Data Tables&gt; File&gt; Memory Requirements&gt; Part of Project tab: Memory usage shown is now accurate, OS update required.</li> </ul>
New Compilation Error	"Net Logic too complex, contains Call Subroutine and Load HMI functions". Such a net should be divided into two or more nets.
Negative numeric variable	In hex/binary base showed "*****".
Float to ASCII String	Did not operate properly.
Numeric Keypad password	Pressing Enter caused an extra character to be added, resulting in an incorrect password.

Keypad Entry	Format X.X was not 'friendly'.
Keypad entry with linearization	Negative numbers were not displayed properly.
V570/290-C: Keypad Entry: Timers	When Timer preset values were changed via HMI or Ladder program, at Power-up values reverted to project values.
HMI Binary Variable, Switch feature	Using 'Switch' caused HMI to freeze on Load Display.
Protocol FB, Serial	"Checksum + ETX" returned an incorrect checksum.
Protocol FB, IP	When configured, INFO Mode showed ERROR.
V290-BW	The PLC would hang when CANbus communication and Virtual Keypad ran at the same time.