

Visual VEGA version history

Version 4.11

Publication date 01.09.1998

The following errors have been removed

- Crash, with Visual VEGA running without interruption over a longer period (period depends on the computer speed: with standard computers after 3 – 5 days, with very fast computers within 24 hours)
- The use of group results in another group, caused a crash, in case the group name of a group result consists exactly of one figure with decimal point (such as e.g. 901.01 (+))
- Measured values with result zero after the decimal point (e.g. 52.0) will not be printed with the position after the decimal point (52 will be printed instead of 52.0)
- The printout of group results is made in the wrong column of the table.
- Description of the group results was not taken over to Clients without individual configuration

New functions

- Change printout from upright position to broadside position within VV

Version 4.12

Publication date 18.09.1998

The following errors have been removed

- By using the latest version of the print tool VSVIEW (3.0), the problems within Print and View have been removed
- Function 'Setup Modem' now already enabled from user level VEGA
- The names of the small Bitmap files for the layout preview of the demo database have been changed, so that really three different bitmaps will be copied during the installation from the CD.

New functions

- Now it is possible to adapt the columns and their width individually for the printout.
- Logo is printed on the cover sheet
- Save present measured values in HTML format
- Menu point 'Window' – 'Quit all'
- Warning message when closing individual windows may be deactivated
- New function "All Measurement Loops the same colour" under 'Indication' – 'Measured values'
- Now up to 60 characters for description with phone numbers (Modem) and TCP/IP addresses
- Access to the demo database slightly changed
- When exporting present values (in the measured value window with the right mouse button or under 'Service' – 'Save present values as', from now on, the date and the time will be saved separately by a semicolon. In addition, every listing will be provided with a consecutive numbering.
- Under 'Service' – 'Present values', it is now possible to export values by pushing the button 'Export now'
- When deactivating the user access under 'Configuration' – 'Program' – 'User access', it is now possible to state, with which user level (operator, maintenance or planning) Visual VEGA should start the next time
- In this version, the texts are only complete in German language (some new texts are missing in other languages)

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Version 4.14

Publication date 16.09.1998

New functions

- Apply archive values from Host incl. modified archive window for Client
- Saving of the file network.vv as well as the configuration in any directory (complete configuration is shifted)
- Export archive values may be selected
- All export functions in the new window in similar structure (file cards)
- Plant pictures are now saved with every configuration (own directory 'Anlagen')
- The individual child windows have modified window captions
- Debug program 'FailSafe' of 'NUMEGA' was integrated (FSERROR.LOG)
- VV.INI includes 3 new sections for Debug program FailSafe
- For the printout of the data, an individual logo may be used instead of the VEGA logo

Version 4.16

Publication date 10.11.1998

New functions

- Save archive values in ASCII and MS-Access format
- Clients may apply the archive values from Host
- Clients without individual configuration cannot save values in an archive
- Re-dialling and timeout time may be edited for modems

Version 4.17

Publication date 16.11.1998

The following errors have been removed

- Client searches the arrangement pictures on the Host still under the old path.
- Arrangement picture, field alignment to the left has effect to all fields.

New functions

- Host, VVDATA path under other directory/computer.
All data are now always copied in a directory VVDATA
- Host, VVDATA path under other directory/computer.
When moving the old VVDATA path is now deleted.
- Directory 'Anlagen' is now 'Pictures'

Version 4.20*

Publication date 16.12.1998

Version of VV.EXE: 4.20 (see under Explorer – Properties – Version)

Details see under Version 4.20

Version 4.20

Publication date 21.12.1998

Version of VV.EXE: 4.20.0001 (see under Explorer – Properties – Version)

The following errors have been removed

- Mouse pointer permanently as hour glass when updating measured values with modem

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- Faulty or incomplete saving of archive data in the MS Access format, if measurement loop names include special characters (. ' []) or if the "Record" was too comprehensive (too many measurement loops and/or measured values selected).
Format and name of the tables changed (mapping_list) to remove this error. The max. possible number of measurement loops to be saved, was reduced to 50 measurement loops (only one value per measurement loop) or 100 (percentage value and scaled value per measurement loop). The 'Entry of failure symbol' is fixed pre-adjusted to '-'.
Now the default values are entered automatically after the input of a telephone number.
- During the input of telephone numbers for the modem, it was possible, to quit the window without adjustment of timeout time and dialling procedures. However afterwards these values have been set to default automatically (60s, 2 dialling procedures).
Now the default values are entered automatically after the input of a telephone number.
- If a note to the measurement loop has been changed on the Host under 'Configuration' – 'Measurement loop properties', the modified text has been displayed on the Host, but was not transferred to the Clients.
If the change in the display of measured values was made via the context menu (right mouse key), no problems occurred.

New functions

- Pictures may be copied from an individual path in the current configuration as arrangement pictures.
- Client with individual configuration may do archiving again
- 'Copy archive from Host (F12)' enabled from operator level.
- If during the installation, an older VV version is overwritten (only if the new version is copied into the same directory, in which an older version is already installed), older entries of the VV version in the Registry will be deleted; also old links in the start menu (as far as old links existed in the stated group during installation).
- Save screen layout, if a window is minimised, whereby the original values of the window before the minimisation remain.
- New menu items under 'Window' for marking and formatting (allocation and alignment) of windows
- Max. number of archive values in ASCII-format to be saved is now unlimited.

Version 4.20 a

Publication date 12.03.1999

Version of VV.EXE: 4.20.0004 (see under Explorer – Properties – Version)

The following errors have been removed

- Path information in SETUP.LST for DAO350.DLL
Previously this file was copied from the Setup program into a special directory (usually 'Programs' – 'Shared Files' – 'Microsoft Shared' – DAO).
In some cases, where the directory structure does not exist on the computer, VV cannot be installed. This is the case, if e.g. no Microsoft Office programs are installed on the computer, but these can be just started via the network. Then the DAO path is on another network drive which normally does not allow any write accesses.
As this file must not be in the DAO path mandatory, the appropriate path information has been changed in the file SETUP.LST.
- Undocumented Start up Commands for the setup program prevent the installation
The standard setup program used for Visual VEGA, offers the possibility of two enquiry parameters. However these were never used by Visual VEGA.
In the following case, this possibility caused problems:
A directory was created on the hard drive, in which all files of the Visual VEGA CD have been copied. One of the directories of the complete path includes the character sequence '-S' or '-Q' such as e.g. 'C:\SETUP\VEGA-SOFTWARE\VISUAL VEGA'. During the start of the setup program the path has been analysed and the character sequence '-S' has been misinterpreted as Start up Command, whereby it was not possible to install Visual VEGA.
The Start up Commands for the setup program have been deactivated.
- Message during update of Visual VEGA
If Visual VEGA has been installed over an already installed Visual VEGA version (i.e. in the same directory),

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the following message is displayed:

"Setup will replace already installed files. This can cause a data loss in already installed programs. If you are overwriting an already existing installation without removing the files, the existing installation can be damaged or future deinstallations can fail"

This message is confusing, as this is not valid for Visual VEGA: Visual VEGA cannot be damaged and can be deinstalled at any time.

As updating is more a general rule than an exception, this message was deleted.

- The automatic saving of archive values in ASCII as well as in Access format is grouped to one function (within the program). Normally only one of the two export functions will be selected. If only Access is selected, everything will be okay. In this case also both export functions may be activated. If only ASCII is selected (and not Access), the information for the ASCII export will be erroneously deleted when changing over to offline and the exporting in ASCII format will be deactivated. In addition, German text appeared in this window in all languages. These errors have been removed.

Version 4.21

Publication date 09.02.1999

Version of VV.EXE: 4.21 (see under Explorer – Properties – Version)

Details see under version 4.22

Version 4.22

Publication date 17.03.1999

This version has been burned individually and has been sent to individual customers as an update (solid applications).

Version of VV.EXE: 4.22 (see under Explorer – Properties – Version)

New functions

- Printout of the program adjustments
- The scaling values per measurement loop may be now not only applied from the signal conditioning instrument, but may be individually defined in Visual VEGA. This function was especially implemented for solid applications.
- Monthly protocol print-out is now also possible (e.g. for inventory) *(this function was not included in 4.21)*

Version 4.23

Publication date 19.05.1999

The function of this version is identical with version 4.22

Version of VV.EXE: 4.23 (see under Explorer – Properties – Version)

The following errors have been removed

- For already existing configurations, the individual scaling by Visual VEGA is not available. A new version normally has new functions, requiring new entries (fields) in the databases of the configuration. The field for the individual scaling by Visual VEGA is erroneously not created when updating the databases, whereby this individual scaling is not adjustable. If the configuration was made with version 4.22, all these functions will be available.
- Information on messages and failures in the status bar are always displayed (versions 4.21 and 4.22) Occurring messages and failures are displayed in the status bar. When clicking to these fields, the appropriate window opens. The info in the status bar should then disappear. However they remained visible until the message and failure window was increased once to max. size.
- When loading a screen layout in Online mode, all menus are enabled (versions 4.21 and 4.22)

New functions

- An individual text appearing on the HTML page may be entered in the file VV.INI, under section [Html] with the variable 'html_link_text='. This text is combined with a link stated under 'html_link_adr='. For the VEGA-Homepage a link with 'html_link_text=<< Zurück' and 'html_link_adr=http://www.vega-g.de' was entered

Version 4.25

Publication date 20.09.1999

Version of VV.EXE: 4.25 (see under Explorer – Properties – Version)

New functions

- Visual VEGA can now also enquire measured values via VEGACONNECT (interesting with HART Multidrop) as well as VEGASCAN 850
- User administration (only on Host)
Users may be configured to which measurement loops may be assigned individually. Therefore no longer all measurement loops are automatically available to the different users.
- Services - Export / Send (only on Host)
The sending of present measured values via E-Mail or Fax, the sending of E-Mail or Fax in case of a message or failure as well as the saving of the present measured values in ASCII or HTML format can be done user-specific.
When sending the current measured values by E-Mail, the measured values can be additionally attached as ASCII file.
- Visual VEGA supports the password protection in VEGA instruments.
- Clients may now apply archive values from Host automatically.
- Manual measurement loops
'Virtual' measurement loops may be created in addition, independent of the connected instrument. For the further program procedure, these measurement loops are treated like real ones. The measured value is entered manually by the operator.
- When a message limit is reached or in case of failure, an individual program may be started.
- Screen layout is automatically adapted to the max. size.
During loading, a saved screen layout is automatically increased or reduced to the actually available screen size of Visual VEGA.
- The database NETWORK.VV, created by the Host and to which the Clients access, is now coded and may be no longer opened with Access.
- Single update in the instrument network
If several VEGA instruments are configured in the instrument network (interface converter, TCP/IP, Modem), it is now possible to update the VEGA instruments individually.
- The max. number of VEGA instruments which can be processed with Visual VEGA (TCP/IP and Modem) was increased to 50.
- Help system
The help is available in German, English and French language.
- Licence regulations
A licence agreement must be accepted when installing Visual VEGA.
- Visual Basic 6.0 is used for the first time as development environment.

Version 4.25b

Publication date 27.09.1999

Version of VV.EXE: 4.25 (see under Explorer – Properties – Version), in the menu under ? – Info as 4.25b

The following errors have been removed

- Error when creating new groups
It is not possible to create a new group if a point is used as decimal point (format of figures) in the regional settings, which is a standard feature in Switzerland (1,000.- SFR).

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Version 4.50

Publication date 12.10.1999

Version of VV.EXE: 4.50 (see under Explorer – Properties – Version)

The following errors have been removed

- Error during loading of the VEGA instruments in the instrument network.
Searching for a serial number in the instrument was a necessity, which older VEGACOM versions could not provide.

New functions

- Help program for TCP/IP converter
With the program 'RS232_TO_TCP-IP_CONFIG:EXE' the RS 232 / TCP/IP converter can be easily configured. After the installation, the program can be found in the Visual VEGA directory
- When starting Visual VEGA, the regional settings under Windows are checked. In case of un-permitted adjustments, a failure message appears; Visual VEGA will be quit.

Version 4.51

Publication date 13.10.1999

Version of VV.EXE: 4.51 (see under Explorer – Properties – Version)

New functions

- Save Visual VEGA window size when quitting.
To display Visual VEGA always in the same window size and position on the screen with automatic start via AUTOSTART, these data are saved when quitting Visual VEGA. HTML also for Clients

Version 4.52

Publication date 29.11.1999

Version of VV.EXE: 4.52 (see under Explorer – Properties – Version)

The following errors have been removed

- When loading screen layouts, previously the measurement loops and groups have been identified by Visual VEGA acc. to their names. If the name of a group has been changed, it was not possible to load an appropriate screen layout as this group was no longer available.
The reference is now made due to the serial number and the FB no.
- The standard regional settings of France do not allow the creation of new groups. There is also no failure message when checking the regional settings during the program start.
Version 4.52 can now work with these adjustments also.

New functions

- The field for entering notes was extended; the adjustment is now made in an own window.

Version 4.53

Publication date 14.12.1999

Version of VV.EXE: 4.53 (see under Explorer – Properties – Version)

New functions

- Visual VEGA internal message system
Measurement loop independent messages can be sent from the host to user / clients.
- All new text are not yet translated (in other languages, the German text will be displayed).

Version 4.53a

Publication date 21.12.1999

Version of VV.EXE: 4.53a (see under Explorer – Properties – Version)

The following failures had been removed

- Fixed values had been set for font and font size.
For new messages, Visual VEGA will use the font and font size used for the last message.
- Notes were limited to 255 characters. This limitation does no longer exist.
The print-out of notes is limited to 1000 characters.

Version 4.54

Publication date 11.04.2000

Version of VV.EXE: 4.54 (see under Explorer – Properties – Version)

The following failure had been removed

- The fix margin settings for header and footer where often to small for some printers, footer and header were cut during print-out or did not fit to the page.
Under 'Print', the new item 'Page setup' was added under which the standard values for the margin settings can be modified, if necessary.
- Erroneously, the file 'HISTORY.MDB' was not copied to the computer during setup. Therefore archive values in MS-Access format could not be exported.
This error exists already since version 4.50.
- When starting Visual VEGA it sometimes happened that the automatic loading of the screen layout was not successful. The appropriated window, however, appeared, but neither text nor pictures were displayed. If you have quit this window with Quit and called it again, the layout could be selected and loaded again without problems.
The reason for this error could not be found, however, a program-internal routine was added which avoids this.
- The new texts mentioned in version 4.53 are now translated.
- Playing a melody with a message by means of the example program PLAY.EXE did not function under Windows NT.
- The Visual VEGA help is in the new HTML format. For indication, a program is required which always exists on newer computers. It is part of the Internet-Explorers 5. Formerly this file (HH.EXE) was installed for safety reasons with the installation of Visual VEGA– and already existing versions of this file had been overwritten. This is why the menu around the help appeared for example on a French computer suddenly in German. From now on this file will no longer be installed.
For emergency cases there is an installation routine for the German help in the directors TOOLS\WIN95 on the CD (HHUPD.EXE).

New functions

- To 'Transfer messages to client' there is not yet a description available in the help file because the way how messages are treated will considerably change in the next version. In this help file there is just a note that a help text is not yet available.
- The functions around messages had been extended. Beside font and font size, it is now also possible to save the type face as standard for new messages. Attached files can now be easily deleted before sending ('Delete attachment').
Clients can now easily open the attached file by double clicking to the paper clip, provided an appropriate interconnection exists (for example *.DOC files are started with WORD).
- From now on also the ullage is available as output (print, e-mail, fax, HTML and ASCII).
- If you start Visual VEGA, the user cannot recognise for a relatively long time if the program is really executed. For example, a first window appears very late and also the pointer does not always change to the hour glass.
To change this, a photo appears after the program start which disappears again after loading of the main window.

Version 4.60

Publication date June 2000

General

In version 4.60 first access to the VEGA databases via the Microsoft SQL-Server. Version 4.60 was available during the development phase in many different software versions. The version number was not increased because most modifications only concerned the host PC. For a network installation always the same software version or the same version number must be installed on all PCs. Version no. 4.60 was kept until completion or release to avoid updating all Client PCs for tests. This version was also tested with some customers and updated all the time. Version 4.60 was not pressed and not distributed officially.

After termination of the test phase version 4.60 became Visual VEGA 5.0. Version 5.0 was pressed on CD and distributed officially. All customers having installed version 4.60, received the new version 5.0 with the request to update version 4.60.

As version 4.60 was later called 5.0 and was never distributed officially, the description of all new function appears since version 4.54 under Visual VEGA 5.0.

The following failures had been removed

- Protocol print of messages and failures
If messages and/or failures had not been outputted on a line printer, probable this information was not printed immediately. Instead of printing a complete page with a small line of text, the text was stored in the printer and the printer was then blocked for other applications. Now a page is always outputted immediately. If a real line printer is used, an appropriate functions can be activated under print configuration.

Version 5.0

Publication date 23.07.2001

General

Single and Multiple User Version will be Visual VEGA LT and Visual VEGA Pro

Visual VEGA LT and Visual VEGA Pro replace the previous single user version and multiple user version. Both new versions have the same functionality (i.e. network capability, e-mail, SMS etc). The only difference is the number of measurement loops which can be processed by the individual version. These are for Visual VEGA LT max. 16 measurement loops. The Visual VEGA Pro version can administrate an unlimited number of measurement loops.

With a software upgrade, the existing dongles can be used in the same way. For new installations, there are new Visual VEGA LT and Visual VEGA Pro dongles.

Conversion of the database access to SQL-Server

The access to the Visual VEGA databases is now made via the Microsoft SQL-Server (MSDE) which is automatically installed together with the Visual VEGA Setup. If an SQL Server version is already installed on the computer, this version will be maintained and used by Visual VEGA. The database format is now Access 2000. Main reason for this conversion was the reduction of the access times especially for the Client version via modem as well as the increase of the max. number of instrument and measurement loops. Furthermore the configuration of Clients is more easy and the access of many Clients to the Host has a better organisation. The configuration databases can no longer be opened or copied just like that with Access. To copy, a database must be first released by the SQL-Server or deconfigured from the database. This is possible under *Configuration – Delete configuration*.

Now, Visual VEGA can generally process up to 1000 instruments or up to 10.000 measurement loops in one configuration.

Checklist Visual VEGA installation and description of the network installation

For a problem-free installation of Visual VEGA 5.0 some requirements should be checked before installation. These items are composed in the "*Checklist Visual VEGA installation*".

A description of the network installation or configuration of Clients is also composed in a separate description.

New functions

- Client via Modem
This function announced already a long time ago can be executed reasonably with this version (short access times thanks to the conversion to SQL).

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- Windows Terminal Server
This installation version is meant for terminals without own hard drive. The Host, the Clients and the SQL Server are then installed on a central server.
- Enquiry of measured values via VEGACOM 558 Ethernet
In conjunction with VEGACOM 558 it is possible to integrate VEGAMET 513/514/515/614 and VEGALOG 571 directly in an Ethernet network and to enquire measured values with Visual VEGA via this network. Also certain controls can access to the measured values via Ethernet (e.g. Modbus via TCP/IP)
- Leakage monitoring
Visual VEGA offers now the possibility of the leakage monitoring. Limited values can be entered for each measurement loop which must not be exceeded (analogue to the function in VEGALOG). The activation is either made manually or automatically acc. to time setting under *Services – Leakage monitoring*. If the leakage monitoring is active, an appropriate symbol is displayed in the status line of Visual VEGA. Analogue to the message and failure list, a leakage monitoring list is now also available. With a leakage message, the same functions are available as with a standard message (protocol print, fax, e-mail, SMS, execute program). In addition, a symbol appears in the bar graph presentation on the appropriate column (exclamation mark).
It is absolutely necessary that leakage messages are acknowledged immediately.
- External programming by mail
It is possible to modify certain settings such as e.g. the updating pattern in Visual VEGA via e-mail. Visual VEGA checks in adjustable periods if an appropriate mail was received, reads it and changes the configuration appropriately. A description or a sample of these configuration mails can be sent in the user administration under *Properties of the user – User help*.
- Transmit SMS (actual values and messages)
Beside fax and e-mail also the transmission by SMS is available. The actual values, messages, failures and monitoring can be transmitted. The external Tool Message Master of Derdack automatically installed during setup takes over the transmission. The appropriate access data (selection of the SMS Providers and the network) must be determined as for fax and e-mail under *Configuration – Program – Program functions*. As additional service, a completely independent (from Visual VEGA) SMS can be transmitted under *Services – Transmit SMS*.
- Send archive values as email
It is now possible to send archive values additionally as email.
- Send e-mails via modem and DFÜ
Sending of emails directly via a modem was extended by the name of the incoming mail server and the authentication (*Configuration – Program – Program functions – E-Mail*).
- Transmission list/Received transmissions
Under *Indication* there is a transmission list with an overview of all transmission attempts of fax, email and SMS: Under status you will see if the transmissions were successful or not.
The received transmissions show an overview of all received emails (with external programming by mail).
- Two additional message limits added
From now on, four message limits are available for each measurement loop which are now called Hi, HiHi, Lo and LoLo. It is now possible to transfer switching points from VEGA instruments, e.g. VEGALOG 571 for the message limits HiHi and LoLo (as far as mode overfill protection or dry run protection was configured).
- New filters in the message list
The message can be now filtered after the individual message limits.
- Simplified acknowledgement of messages
To simplify the acknowledgement of messages and to avoid a new start of Visual VEGA with another access authorisation, from now on a window appears during acknowledgement for easy selection of the name of the actually acknowledging person.
- Extended functions for message limits
All message limits can be now presented with a hysteresis. The four message limits can be displayed in different colours and an own colour change can be defined per message limit.
- Show switching threshold
When clicking with the right mouse key to a column, the new menu *Show switching threshold* appears. Here, all set values for the up to four message limits are shown.

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- Measured value with additional information "Last update"
In the window measured value (clicking with the right mouse key to a column) the time of the last measured value update is now available (important for modem enquiries).
- Manual measurement loop takes over real measured values of other measurement loop
With manual measurement loop, a new option *Copy scaling of other measurement loop* appears in the window Measured value (clicking with the right mouse key to a column). Therefore a real measured value can be copied for a manual measurement loop – a manual measurement loop will be a real one.
This function is for a plant with several tanks, e.g. with 8 vessels and only one sensor. This sensors is always used in another tank. However, Visual VEGA should administration and display all 8 vessel. Except one real measurement loop, 8 manual measurement loops are created in addition.
If the sensor is now placed from one tank to the other, then the real measured value is assigned to this manual measurement loop for this period. This measurement loop is marked with a *.
The real measured value can only be assigned to one manual measurement loop.
- Deactivate telephone numbers and TCP/IP addresses
In the telephone list and TCP/IP address list of the instrument network, it is possible to deactivate individual telephone numbers and TCP/IP addresses so that they are no longer responded when updating measured values. These participants appear no longer in the instrument network, however are still available in the configuration.
In addition, a unlimited number of telephone numbers (with modem enquiry) and IP addresses (with network enquiry via VEGACOM 558) can be programmed.
- Interruption of longer updates
When updating the instrument network and the measurement loops, especially with modem, longer waiting times can perform. This is particularly annoying if this function was triggered unintentionally.
From now on, these updates can be interrupted via the button *Cancel* displayed in the transmission window. Updating of measured values can also be interrupted in modem operation by switching to Offline.
- Date/Time of the measured value as output
From now on, date/time of the measured value are also available as output (print, email, fax, HTML and ASCII). This is particularly important in relation to updates via modem as well as with manual measurement loops.
- Descriptions and notes in the fax
When transmitting the actual measured values by fax, the descriptions and notes are no longer collected and transmitted at the end, but directly to the measurement loop.
- Online help updated
The Online help was updated.

Version 5.02

Publication date 05.08.2002

General

Error removal

Version 5.02 removes the errors previously occurred in version 5.0, functions had not been extended.

Download of Visual VEGA

The up-to-date version of Visual VEGA is now available as a download on the homepage. Without dongle Visual VEGA can be installed and tested as demo version. Furthermore each new version is always the update of all previous versions.

Download *Checklist Visual VEGA installation/ description of the network installation*

For a problem-free installation of Visual VEGA 5.0 some requirements should be checked before installation. These items are composed in the *Checklist Visual VEGA installation*.

A description of the network installation or configuration of Clients is also composed in a separate description. Both descriptions are available as a download from the homepage.

The following failures can be removed

- Protection impairment during conversion to version 5.0
If under *Indication –Arrangement picture* an arrangement picture was saved for which no background picture was selected, Visual VEGA will be terminated with a protection impairment during the conversion of this configuration in version 5.00.

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- Date/time missing when saving archive values (ASCII)
When saving archive values in ASCII format, the column date/time will not be filled.
- False report *Host-PC is Offline*
If for a network installation on the Host-PC an update pattern of more than 4 minutes was set, then a false report that the Host-PC is probably offline appears on the Client-PC.
- Button *Abbrechen* not translated
During the update of the instrument connection, a status window with a button *Abbrechen* appeared. This text was not yet translated.
- Text *Visual VEGA* misplaced on the printout
The text Visual VEGA was misplaced to the left on the printout of the cover sheet.
- Leakage monitoring with low measured values
In the leakage monitoring, the tolerances had been referred to the actual measured value. In case of very low measured values, also the tolerance band was very narrow (extreme case 0). The tolerance is now referred to the complete adjustment range.
- No activation of the SMS function possible (Win2000/XP)
The activation of the SMS function was not possible with Windows 2000, if a valid modem connection did not exist.
- Restore backup did not work correctly
If several backups were made with the function Backup and the configuration was then restored, then the first created backup was restored and not the last.
- Wrong calculation of the percentage value with manual measurement loops
When entering the scaled measured value with manual measurement loops, the percentage value was calculated in the wrong way. This error occurred only with the regional setting 'Decimal symbol= ,'
- Message limit was not withdrawn despite the valid range
When returning from upper message limits to the valid range, it could happen that this was not recognised by Visual VEGA and that the message as still active.
- Automatic monthly save did not function
The automatic monthly save in ACCESS-Format did not function.
- Missing enquiry for *Client for Microsoft networks* during setup
During setup, the option *Client for Microsoft networks* was not enquired in the Windows network environment as installation requirement. For Visual VEGA or the SQL-Server, this option is absolutely necessary.
- Transmission of group results by mail/SMS does not function
Group results could not be transmitted by e-mail, SMS etc. to individual users.
- Position of the percentage values and the scaled values exchanged
Depending on the height of the measured values in the bar graph, the assignment of the percentage values and the scaled values was exchanged.
- Configuration Save was cancelled with a failure message
The function *Configuration – Save as* did not function because MSDE did not release the databases quickly enough.
- Indication of the PC/DCS no. instead of the PB-no.
During the conversion of the PC/DCS outputs (loading of measurement loops) the PB-no. was indicated previously instead of the PC/DCS no. (in the column *PC/PLS output*).
- Load measurement loops did not function correctly
In case of very fast PCs it was possible that the protocols were not handled in the correct sequence under *Configuration – Load measurement loops*. Due to this, the measurement loops were not loaded correctly (problems with the PC/DCS inputs). By updating the VVCOM.exe from version 2.99.1147 this error was removed.

Visual VEGA version history

- Several VV-Hosts via network on one VEGA instrument
If a VEGA instrument was responded via a TCP-IP connection, previously the network connection between PC and VEGA instrument remained, during this time no other "Visual VEGA Host" was able to read out measured values of this VEGA instrument. By updating the VVCOM.exe from version 2.99.1149 the network connection is immediately released after the update. Due to this, several "Visual VEGA Hosts" can access the same instrument, e.g. for demonstration or training. Take note that it is not possible that several Visual VEGA Hosts access with a very small updating pattern, e.g. of one minute to the same VEGA instrument.
- Display of measured values is no longer updated
Under Windows 2000 it was occasionally determined that Visual VEGA loses in the permanent run connection to the databases at irregular time intervals (previously >14 days) and access to them was not possible. The indication is then no longer updated, failure messages are not outputted. After a new start of Visual VEGA the function was okay again.

In regular intervals, it is checked from version 5.02 if the connection still exists. If this connection is closed, the connection to the database will be opened again. If a new connection is not possible, a failure message is now outputted requesting the new start of Visual VEGA.

- Wrong SMS number
For the SMS Provider selection Vodafone SMS (UK), a wrong telephone number (+44 385 499993) was entered. The correct number is: +44 (7785) 499993. If the SMS function is activated, this error cannot be removed by installing the new version as these entries in the Registry are maintained. This number can be corrected manually in the Registry under „*HKEY_LOCAL_MACHINE – SOFTWARE – Derdack Software Engineering – Message-Master Services – Vodafone SMS (UK) – Terminal*“.

Known, not yet removed errors

- Transmit SMS does not function
If, e.g. actual measured values of several measurement loops should be transmitted as SMS, the max. length of an SMS (350 characters) will be exceeded. The SMS Tool Message Master of Derdack used by Visual VEGA divides the measured values in this case into two or more subsequent SMS. The automatic splitting however, does not function under Windows 2000/XP. When exceeding the SMS length, no SMS is transmitted instead of the splitting. As Derdack has not yet provided an update for this Message Master Tool, this error cannot be removed at the moment.
- Install_FAQ.hlp will be FAQ.hlp
The Install_FAQ.hlp on the CD deals not only with installation questions but also with general questions, problems, tips etc. In future, this file will be called faq.hlp.

Version 5.02 S1

Publication date 12.06.2002

Visual VEGA LT special version

Version 5.02.01 S1

Publication date 03.09.2002

Visual VEGA LT special version

Version 5.03

Publication date 06.05.2003

Fault rectification

Version 5.03 removes the faults occurred in version 5.02.

The following faults were removed

- Remote enquiry via modem and VEGACONNECT with several connected sensors
The following fault only occurs if in the telephone list the option "*Display failure for all measured Values of the modem connection, if connection was not possible after the dialing procedures*" is activated:
If connection is not possible, only one sensor is switched to failure. All other sensors are not updated.
- Take over measured value display of another measurement loop
If the measured value is taken over from another measurement loop, however the own scaling is kept, then the own scaling will be overwritten when updating the measured values.

New functions

- From now on, the connection of VEGA Plics-HART instruments is possible. The communication is carried out via the HART protocol. For the scaling the *lin%* value (0-100%) is fix preset.

Version 5.20

Publication date 09.12.2004

The following faults were removed

- Wrong function in the menu item *Access authorization* and in the context menu of the bar graph
To display charts (e. g. in the window *Access authorization* or in the context menu of the bar graph) an external tool was used – in a few cases this tool could not be registered under Windows 2000/XP. These windows could no longer be operated. The tool was replaced by an up-to-date version.
- 'Copy archive values from host' does not function all the time as the SQL server only works with a fixed format for the date.
- Updated dongle drivers were integrated to ensure a better recognition

New/modified functions

- Support of the signal conditioning instruments VEGAMET 624/625 and VEGASCAN 693
- Alternative licensing via serial and licence number on the software product note instead of dongle
- Measured value update via e-mail
From now on, it is possible to create measurement loops, update their measured values via e-mail. As sender of the actual measured values, an additional Visual VEGA Host version or a VEGACOM 558 can be used.
- Switching over from online/offline mode by double clicking.

Version 5.21

Publication date 04.02.2005

The following faults were removed

- Instruments connected via a VEGACONNECT 2, software revision 1.0 can no longer be addressed.
- If specific measurement loops are loaded from an instrument, enquiry is made for a valid PC/DCS output (with plics sensors). It is then not possible to take over the measurement loops. This fault does not appear with a common update of all measurement loops.

Version 5.30

Publication date 08.09.2005

The following faults were removed

- Note all providers split an SMS which is too long automatically to several SMS. The splitting is now carried out by Visual VEGA.
- During an SMS transmission of ³ or ° in the text, transmission will be interrupted. These characters are generally filtered out for an SMS transmission.
- Problems when taking over special characters in measurement loops names, e.g. 'ü' in the Chinese Windows. The special characters are now replaced in the Chinese Windows by blanks.
- If a . (dot) is set as decimal point for area and language settings in Windows, it is possible that measurement loops cannot be loaded. A (wrong) message can be generated that a password is set up in the VEGA instrument.

Still existing faults:

The transmission of a fax via DelrinaFax Pro 10.03 (French version) does not function in conjunction with Visual VEGA. The German version WinFax Pro 10.02 must be used instead.

New/modified functions

- Current measured values can now also be retrieved by e-mail. This is possible in parallel to the existing connection paths. Additional Visual VEGA (Host) or E-mail capable signal conditioning instruments can be used as senders of measured values (VEGAMET 624/625, VEGASCAN 693, VEGACOM 558). The set up of an e-mail configuration is now carried out in the same way than for the other connection paths.
- Instructions and messages are now also transferred by the Host-PC to Clients. The transmission can be deactivated on each Client, if requested.
- New tool for mail transmission
The additional authentication for transmission of e-mails is now supported
- Additional time settings for sending the current values by e-mail, fax, SMS
Under „Export/Send“ a further file card with the additional adjustment options *“Interval, daily, weekly, monthly”* appears now under *“Time setting”*.
- Transmission of instructions
Under „Export/Send“ – *“Failures”* displayed instructions can now also be outputted/send.
- Function *“Monitoring of the measured value change”*
Similar as for *“Monitoring on leakage”* a measured value can be monitored on certain variations. If a certain (to be defined) measured value change is not effected over a certain period, an alarm can be triggered/sent.
- Group view (for standard users) during mail transmission
- Third time section under *“Export/Send”* for *“Messages, failures, monitoring”*.
- Third time section for automatic switching on of the leakage monitoring
- Archive period 4 years added

Version 5.31

Publication date 02.11.2005

The following faults were removed

- When sending mails in HTML format, the measured values of all existing measurement loops are generally sent. This applies also if only a part of the measurement loops is assigned to certain users.

Version 5.32

Publication date 30.03.2006

The following faults were removed

- Printout of the bar graph in landscape format corrected.
- The time and event-controlled measured value transmission via E-mail/fax or SMS is not ensured if the transmission of failures is also activated. This occurs only with additionally created users, not with the standard user.
- The transmission of measured values via e-mail and SMS at the same time cannot be ensured. In these cases, the SMS transmission may not be executed. This occurs only with additionally created users, not with the standard user.
- If there is no connection during the measured value update, the sequence of the telephone numbers can be mixed in unfavourable time lapses and the measured values are no more updated.
- If more than 1000 values of a measurement loop are shown on a diagram, only every second value is displayed. This can cause longer indication breaks during modem operation.

New/modified functions

- Password protection for VEGAMET624/625 and VEGASCAN 693 integrated.
- Support of SQL-Server 8 (MSDE 2000) integrated.
MSDE 2000 should be used for Windows Server 2003 (MSDE 7 is no longer supported by Server 2003). In this case, MSDE 2000 must be installed manually. The installation files are available on the CD in the folder "Tools\MSDE2000".

Version 5.33

Publication date 20.07.2007

The following faults were removed

- When showing archive values in a group, an error can occur during the presentation when the measured value becomes negative.
- When sending archive values in HTML format, the wrong file is attached ("asc.txt" instead of "archive values.htm").
- When Exporting/Sending in ASCII or MS ACCESS format, the update is carried out every minute and not at the adjusted time (daily/weekly/monthly).
- When using VEGALOG and VEGAMET 624/625 or VEGASCAN 693 at the same time in an instrument network, then the measured value enquiry of VEGALOG is not ensured.

New/modified functions

- Automatic redialing with measured value enquiry via Modem, in case the connection was interrupted.
- Error treatment in case of sensor failure of Hart Multidrop sensors modified.
- Faster measured value enquiries via LAN (Ethernet TCP/IP) by reduction of time-out times
Note: When using W&T Com servers, these must be provided with the actual firmware.