

Visual VEGA e-mail, SMS and fax installation

General

Visual VEGA 5.30 is available in the versions "*Visual VEGA LT*" and "*Visual VEGA Pro*". The *LT* version can display a maximum of 16 measurement loops, *Visual VEGA Pro* can manage an unlimited number of measurement loops. Apart from that the functionality is identical, both versions are network-capable and can send e-mails, SMS and faxes, export measured values and enquire them via VEGACOM558 through Ethernet.

In a network installation, it is differentiated between the Host-PC and Client-PCs. The Host-PC reads in measured values via a direct RS-232 connection, via modem, via network or via E-mail and makes them available to all clients. Sending of e-mail, fax and SMS as well as exporting of data is configured on the Host-PC.

For licensing you will receive a software product note with serial and license number. As an alternative, dongles for previous Visual VEGA versions are identified. Without licensing, Visual VEGA is only running in the demonstration mode.

For an easy installation of Visual VEGA some requirements should be checked before starting the installation. These items are listed in the "**Checklist Visual VEGA Installation**".

E-mail

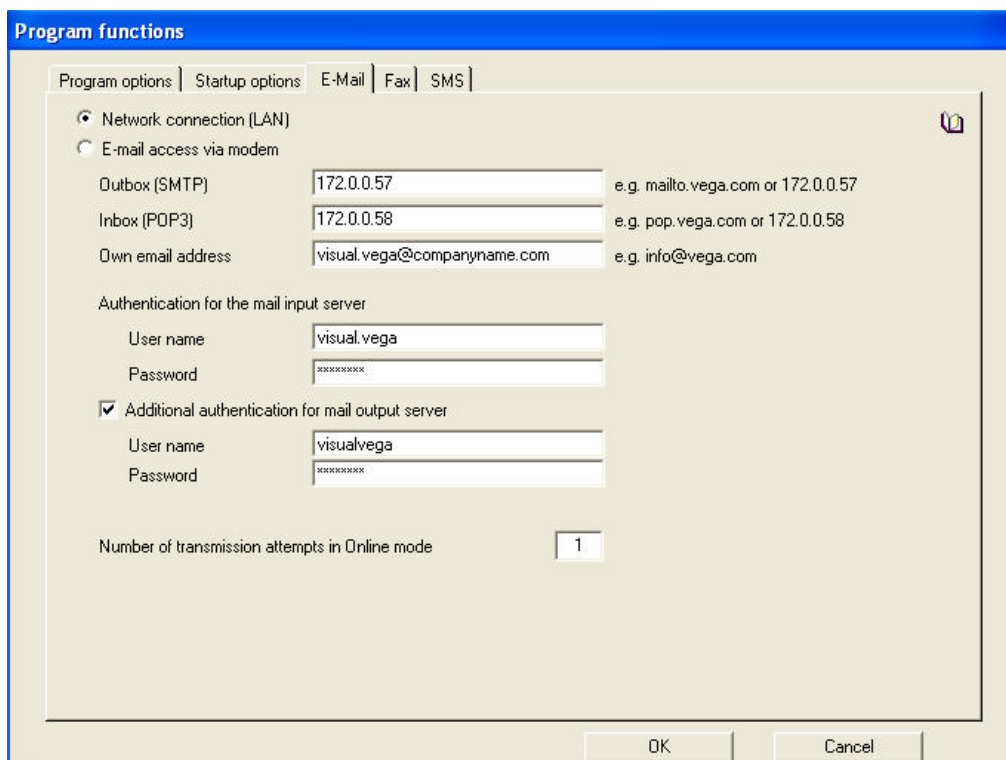
An Internet connection is always necessary to send and receive e-mails. The following options of the internet connection are supported:

1. Internet access via network connection (LAN):

This version is recommended if the Visual VEGA PC is integrated in a company network and access to a company-internal mail server can be provided. In this case, an e-mail configuration is quickly provided and without any problems. Another advantage is the high reliability because this mail system must also be available for the other communication and is therefore maintained appropriately.


The system administrator must create an e-mail address on the mail server via which the measured values, messages or failures can be transmitted. The names or IP addresses of the mail server for inbox and outbox are available from your system administrator. If user name and password are required by the mail server, they have to be entered.

If a DSL connection with DSL-Router exists, a network is also available. An external e-mail provider can be also used instead of the e-mail server.



Program functions

Program options | Startup options | **E-Mail** | Fax | SMS

Network connection (LAN) 

E-mail access via modem

Outbox (SMTP) e.g. mailto.vega.com or 172.0.0.57

Inbox (POP3) e.g. pop.vega.com or 172.0.0.58

Own email address e.g. info@vega.com

Authentication for the mail input server

User name

Password

Additional authentication for mail output server

User name

Password

Number of transmission attempts in Online mode

OK Cancel

2. Internet access via modem (dial-up connection):

With this version, e-mails are transmitted via a modem or an ISDN card and a dial-up connection. In addition, an external Internet and e-mail provider is required for which a registration will be necessary. This solution should be only used if no company network or mail server is available because the setup is more extensive and the reliability is not so high. Furthermore a telephone extension with direct outward dialling as well as an Internet/e-mail provider must be available which normally goes along with current costs.

To avoid unnecessary Internet costs, Visual VEGA dials in automatically before sending an e-mail, transmits the e-mail and interrupts the connection again. The dial-up connections existing on your computer will be listed. If you have already configured a dial-up connection to the Internet, you can select the connection there. With the available buttons you can create a new dial-up connection, modify or delete existing connections.

To ensure an automatic dial-up, the entries necessary for access authorisation such as user name and password of the dial-up connection must be saved. The correct configuration of a dial-up connection is stated in the documentation of your Internet provider.

Note: Dial-up connections can also be created under Windows. Therefore only delete connections in Visual VEGA which are also no longer required in other applications.

After having terminated the selection or configuration of a dial-up connection, you have to enter the user data of your e-mail account. You will get the necessary information from your e-mail provider (mail address, name of the inbox and outbox server, user name/password of the inbox server). Many e-mail providers request an additional authentication also from transmission of e-mails. Select the option "Use additional authentication for outbox server" and enter user name and password. Depending on the provider, identical access data as for the inbox server are intended. However, separate access data can be also necessary.

Program functions

Program options | Startup options | **E-Mail** | Fax | SMS

Network connection [LAN]

E-mail access via modem

Outbox (SMTP) e.g. [mailto.aol.com] or [205.188.146.23]

Inbox (POP3) e.g. [pop.aol.com] or [205.188.146.24]

Own email address e.g. [my.name@aol.com]

Authentication for the mail input server

User name

Password

Additional authentication for mail output server

User name

Password

Number of transmission attempts in Online mode

Dial-up Connection

Selection of the existing Dial-Up Networking connections

User name

Password

Check connection

New connection

Delete

Properties

OK Cancel

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Establishing the e-mail recipient

After the e-mail basic configuration, it is necessary to enter the e-mail address of the recipient. This is carried out under "Configuration – User administration – Properties". Here, the standard user is always available. All measurement loops are assigned automatically to this user. If the measured values of all measurement loops should be sent by mail to the recipient, its e-mail address will be entered in the window "Properties Standard user". If a mail recipient should not get all measured values or several mail recipients should be provided with different measured values, messages or failures, an own user should be created and the corresponding measurement loops should be assigned.

User administration

User	No. of loops
standard	all
User 1	2
User 2	3

Buttons: New, Properties, Delete

Selected measurement loops for user 'User 1'

EA1 Hydrostatic	(12032353)
EA2 Hydrostatic	(12032353)

Buttons: Measurement loop selection, Exit

Properties

Name:

Company:

Password:

E-mail address:

Allow external programming

Fax number:

Message:

SMS number:

Present values

HTML path:

ASCII path:

Archive values

ASCII path:

MS Access path:

Buttons: OK, Cancel

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Configuring and sending e-mails

After having entered the e-mail recipient address, there are additional settings of the real e-mail: (*can be reached via "Services – Export/Send"*)

- Determination if present values, archive values, messages, failures, monitoring should be sent
- At what time or how often should an e-mail be sent
- In which format should the e-mail be sent, e.g. as text, HTML, ASCII or measured value for further Visual VEGA
- Which information on the measurement loop should be attached, e.g. scaled measured value or % with date, description, ullage, etc.

Finally the correct function of the e-mail configuration can be checked via the function "Send now". The selected e-mail will be sent manually without taking time, message thresholds or failure settings into consideration.

Under "Indication – Transmission list – Transmission status" you can check if the mail was really sent.

Export / Send

User	E-Mail					Fax				SMS				Archive		Enable HTML file	Enable ASCII file
	Present values	Archive values	Messages	Failures	Monitoring	Present values	Messages	Failures	Monitoring	Present values	Messages	Failures	Monitoring	ASCII-Format	MS Accessl-F format		
standard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
User 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
User 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Send now
 Format E-mail
 Scheduling
 User properties

Adjustment tips:

Click on the required information in the table with the left mouse button. The selected cell is high-lighted. A further left mouse click, activates/deactivates the function for this user. By clicking the right mouse button, further adjustments can be carried out (see example on left).

Format E-mail

User

User 2 E-Mail

Default
 (Send measured values as text of the email.)

HTML
 (Attach measured values as HTML file to the email)

ASCII
 (Attach measured values as ASCII file to the email)

Visual VEGA
 (Measured values for further Visual VEGA)

HTML

01.09.2005 10:46

Present measured values

Measurement loop	Measured value [%]	Scaled measured value	Description

Format E-mail

User:

User 2 E-Mail

Display the following information:

Measurement loop
 Date / Time
 Description

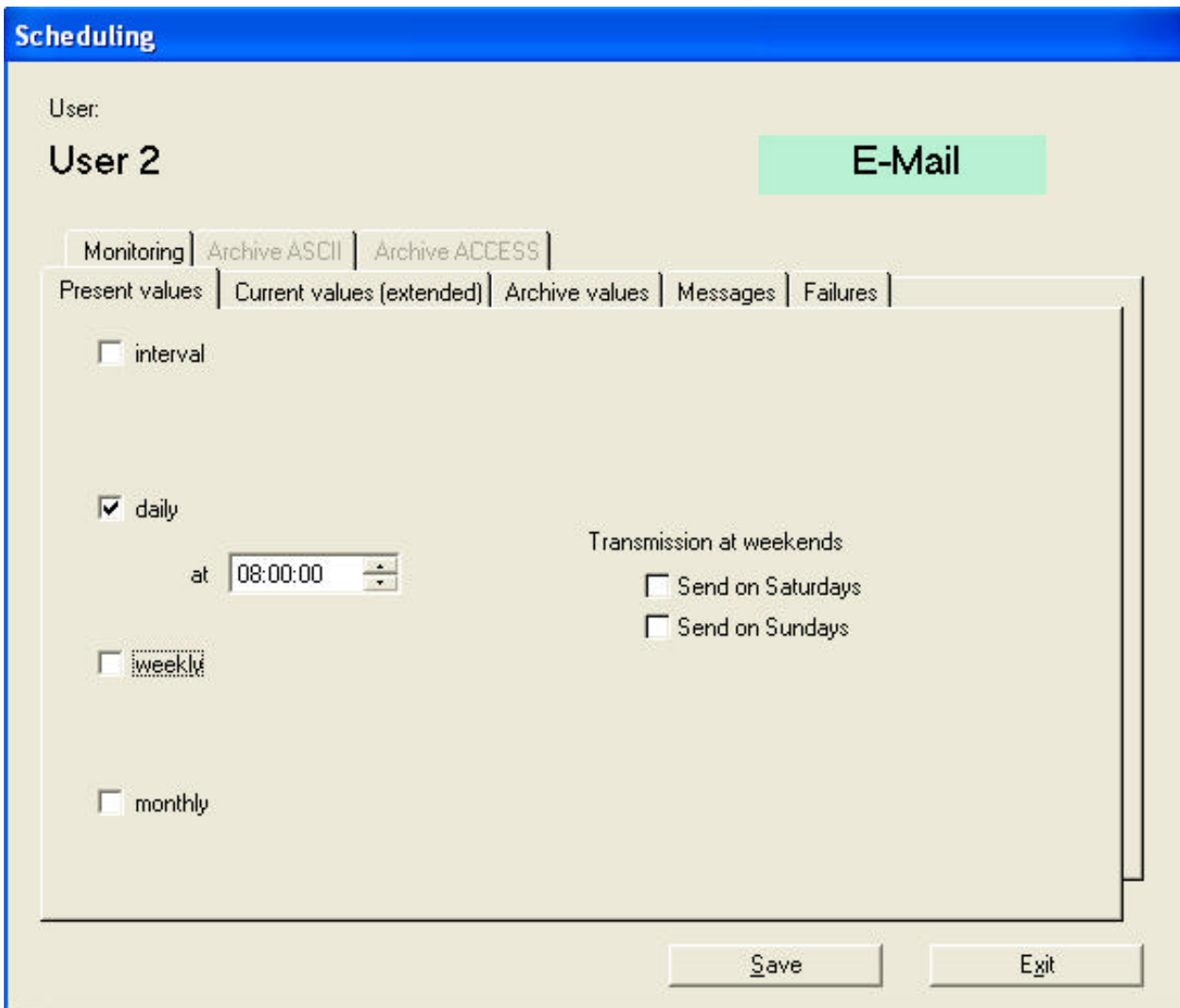
Measured value [%]
 Ullage scaled
 Notes

Scaled measured value
 Status

Use cursor to change column width

01.09.2005 10:46

Measurement loop	Measured value [%]	Scaled measured value	Description



Reception of e-mails

Current measured values can be retrieved also via e-mail. This is also possible along with the existing connections RS232/Modem/Ethernet. As transmitter of measured values further Visual VEGA (Host) or e-mail capable signal conditioning instruments can be used (VEGAMET 624/625, VEGASCAN 693, VEGACOM 558). The creation of an e-mail configuration is carried out in the same way as for the classical connections.

For e-mail reception, an own e-mail address is absolutely necessary because Visual VEGA collects automatically all mails from the inbox server, reading in measured values and deleting them afterwards. All e-mails not intended for measured value transmission for Visual VEGA are also collected and deleted automatically.

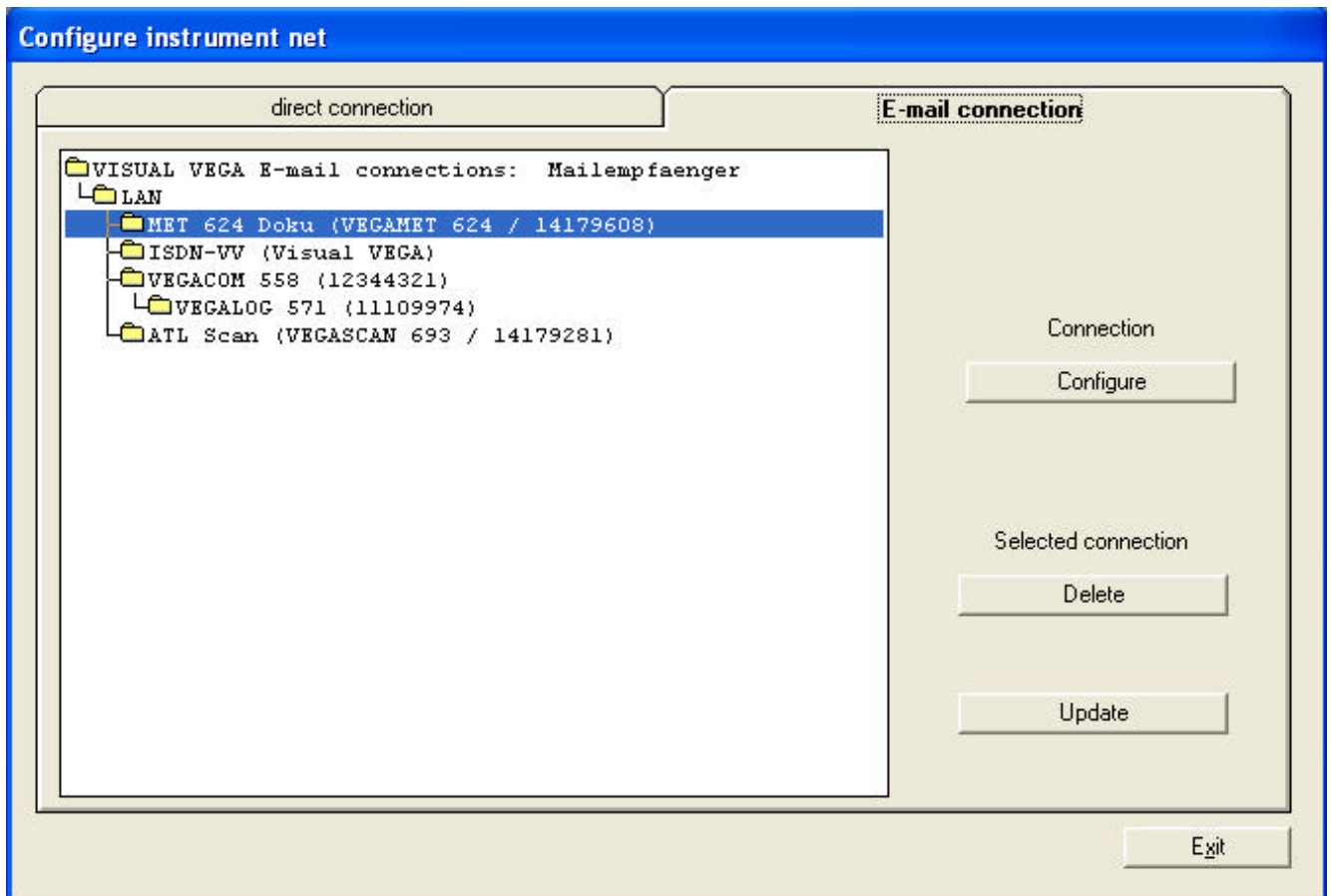
Set up the senders of measured values in such a way that they are sending the current measured values in regular intervals to the e-mail user account for Visual VEGA. Make sure that the format of the e-mails is correct so that they can be read in automatically.

To set up a Visual VEGA e-mail configuration, at least one measured value mail must be transmitted.

Carry out the Internet and e-mail basic configuration as described at the beginning of the document. Always use the configuration assistant to create a new e-mail configuration. Push the button "Update" under "Configure instrument net". Now a connection to the inbox server is created and all e-mails retrieved. If there are measured value mails in the correct format, the e-mail connections are now shown in the instrument net and the measurement loops are read in automatically.

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Now execute the assistant as with the classical connections. Additional information you will find in the online help of Visual VEGA.



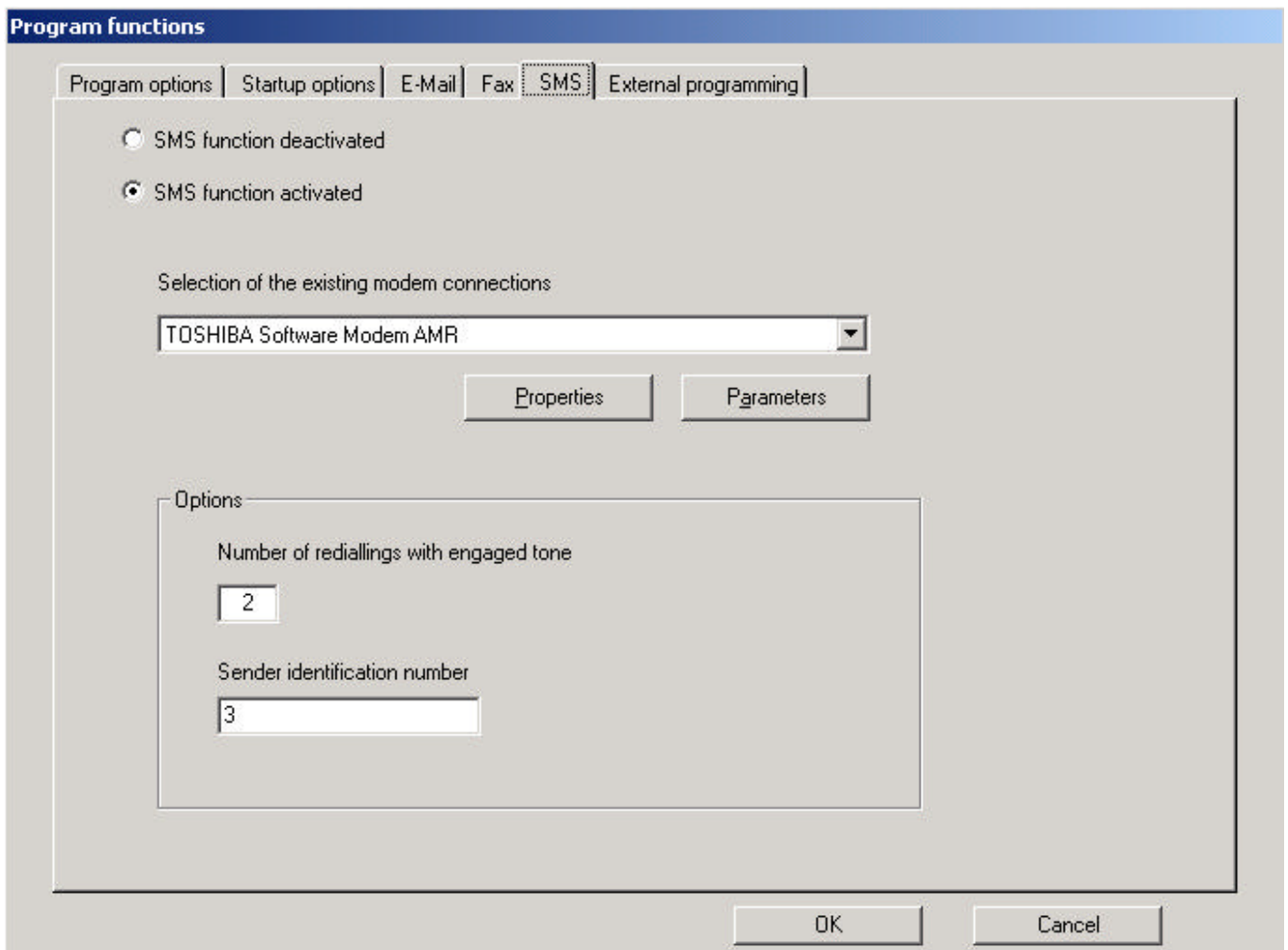
Sending an SMS

The SMS transmission is carried out via an analogue or ISDN connection with direct outward dialling. We recommend using an ISDN connection (S0 bus), to send e-mails in the quickest and most reliable way. Depending on the telephone connection, either an ISDN card (AVM Fritz Card recommended) or an analogue modem should be integrated or connected and set up in the Host PC. A "Dial-up connection" or internet provider is not necessary.

First of all the SMS function must be activated under "Configuration – Program – Program functions". The additional program "Message Master" integrated in Visual VEGA is set up which takes over the SMS transmission. Then the proper modem must be set under "Selection of the existing modem connections". If a AVM Fritz Card is installed, you should choose AVM ISDN (X75). If this virtual AVM modem does not exist, it can be added by installing the "AVM CAPI Port".

If no direct line is available on the phone, the leading 0 can be entered under "Parameters – modify".

In the field Options, the suitable values are already preset and do not need to be modified.

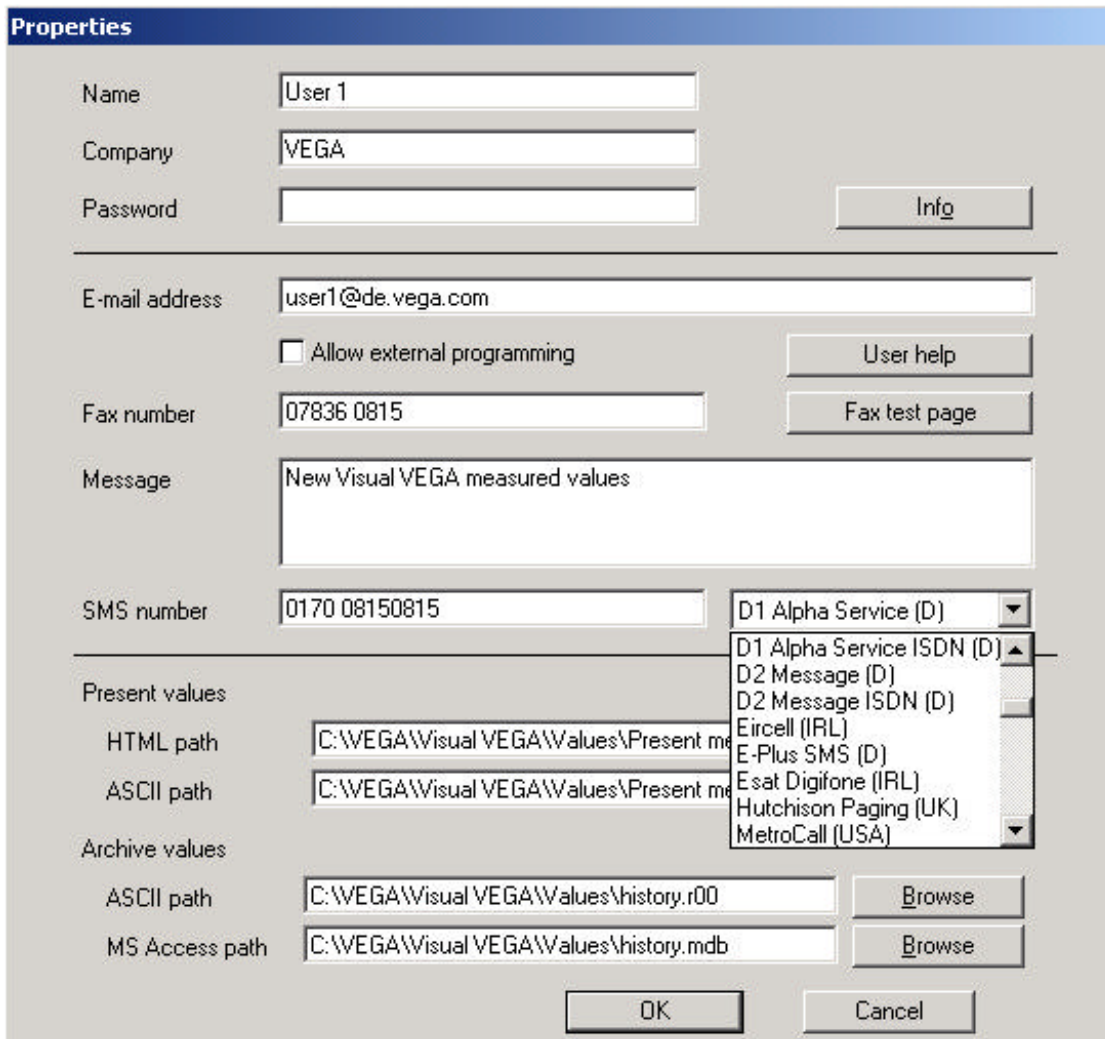


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Under "Configuration – Properties" you have to enter the SMS number of the recipient and the corresponding SMS service. In the fields SMS number you must enter the mobile phone number of the recipient and the service of the mobile phone network operator of the appropriate country. Take note that the kind of telephone connector or the modem selected under program functions fits to the set service, e.g.:

ISDN telephone connection: *AVM ISDN (X75) Modem and D1 Alpha Service ISDN (D)*

Analogue telephone connection: *US Robotics 56k Modem and D1 Alpha Service (D)*



Properties

Name: User 1

Company: VEGA

Password: Info

E-mail address: user1@de.vega.com

Allow external programming User help

Fax number: 07836 0815 Fax test page

Message: New Visual VEGA measured values

SMS number: 0170 08150815

SMS service dropdown menu:

- D1 Alpha Service (D)
- D1 Alpha Service ISDN (D)
- D2 Message (D)
- D2 Message ISDN (D)
- Eircell (IRL)
- E-Plus SMS (D)
- Esat Digifone (IRL)
- Hutchison Paging (UK)
- MetroCall (USA)

Present values

HTML path: C:\VEGA\Visual VEGA\Values\Present m...

ASCII path: C:\VEGA\Visual VEGA\Values\Present m...

Archive values

ASCII path: C:\VEGA\Visual VEGA\Values\history.r00 Browse

MS Access path: C:\VEGA\Visual VEGA\Values\history.mdb Browse

OK Cancel

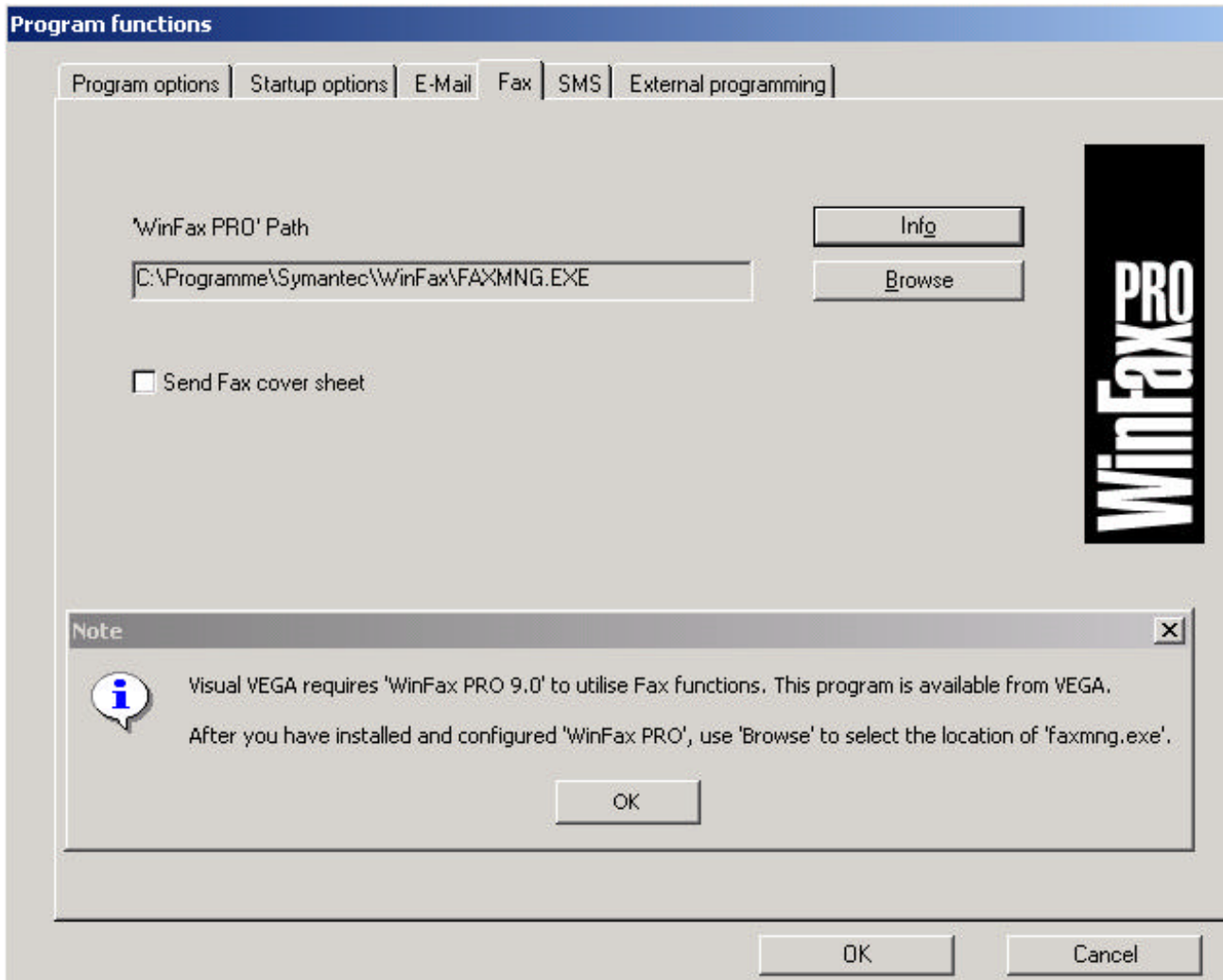
The SMS function is mainly suitable for failure messages or monitoring. Make sure that a suitable Visual VEGA user with the corresponding SMS number and the necessary measurement loops is created for each SMS recipient.

Finally you can adjust as under **Configuring and sending e-mails** when the SMS and with which content should be sent to which recipient.

Sending faxes

To send a fax, the software WinFaxPro from Symantec must be installed on the Host-PC. This software is no part of Visual VEGA and must be bought additionally. First of all, WinFaxPro should be configured independent of Visual VEGA. This includes the selection of the correct modem, dialling rules, not wait for dialling tone, etc. The fax function can be tested via any Windows application (e.g. Wordpad, Word).

If the fax functions, the link to WinFaxPro must be set under "*Configuration - Program – Program functions – Fax*". Select with the button "*Browse*" the installation place or the "*FAXMNG.EXE*" of WinFaxPro.



Finally you can adjust as under **Configuring and sending e-mails** when the fax and with which content should be sent to which recipient.