

## VEGASCAN 693

Version, available since	Description
<b>1.98.3</b> 12/2022	<p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– If the Measurement. loop is deactivated, the error code "104" instead of "13" is supplied in the error status of the DCS output.</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– Real-time clock accuracy improved</li> </ul>
<b>1.98.1</b> 06/2016	<p><b>New functions:</b></p> <p>-</p> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– Communications errors during Encrypted data transmission via Ethernet interface by means of TLS/PSK procedure to DTM</li> <li>– Incorrect display of HART communication statistics</li> </ul>
<b>1.98</b> 03/2016	<p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– Input:                         <ul style="list-style-type: none"> <li>• For VEGA HART sensors, selection of the HART variables as sensor value possible</li> </ul> </li> <li>– VEGA Inventory System:                         <ul style="list-style-type: none"> <li>• Presentation of the SIM-ID / Location data on HTML page (only valid in conjunction with LUCOM-Router)</li> <li>• Transmission of the SIM-ID / Location data (only valid in conjunction with LUCOM-Router)</li> <li>• Order list VIS: Transmitting interval can be changed via VIS surface</li> <li>• Encrypted data transmission by means of TLS/PSK procedure to VEGA Inventory System</li> <li>• Snapshot memory (measured values given later to the VEGA Inventory System) can be deleted via the website index1.htm</li> </ul> </li> <li>– Ethernet-Interface:                         <ul style="list-style-type: none"> <li>• Encrypted data transmission via Ethernet interface by means of TLS/PSK procedure to DTM</li> <li>• Websites revised (Log files can be opened via index.htm, adjustment blocked via index1.htm page)</li> <li>• Telnet access blocked by default</li> <li>• Telnet, VEGA-ASCII and Modbus TCP can be blocked or released via website index1.htm</li> <li>• Safety update SSL / TLS-Stack</li> </ul> </li> </ul>

## Overview of software versions

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	<p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– Serial number &gt;16777215 of VEGA HART sensors correctly displayed</li> <li>– Various translations corrected in the menu</li> </ul>
<p><b>1.96 07/2014</b></p>	<p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>– E-Mail encryption: SSL/TLS 1.2</li> <li>– Port numbers for SMTP, HTTP und POP3 editable</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– VV-File: Unit „% sol Vol“ replaced by „lin%“</li> <li>– Zipping of measured value and status files only by request</li> </ul>
<p><b>1.95 02/2013</b></p>	<p><b>Functionality</b></p> <ul style="list-style-type: none"> <li>– WEB-VV data transmission: Submission of measured values after an inaccurate transmission</li> <li>– PROTRAC SIL versions are displayed in the device search</li> <li>– Interface measurement with VEGAFLEX 80 series</li> <li>– Units for “ct/s”, “ct” and density units with adjustment units for HART-Generic sensors added</li> <li>– Units for “mNN”, “ct/s”, “ct” added with scaling units</li> <li>– Ethernet: Proxy function added</li> <li>– NE107 messages of plics®plus sensors are shown on the display</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– E-mail transmission: Problems with POP before SMTP removed</li> <li>– Smaller errors in the menu removed</li> <li>– When retrieving device trend files via http not all values were transmitted</li> <li>– If the sensor value was changed with a measurement loop, then error E005 will be outputted with measurement loop 3</li> <li>– error with http request via Excel 2010 removed</li> </ul>
<p><b>1.94 06/2011</b></p>	<p><b>Functionality</b></p> <ul style="list-style-type: none"> <li>– Extension WEB VV data transmission by type measured value controlled/time-controlled</li> <li>– Test event can be triggered via DTM with a delay</li> </ul>

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	<ul style="list-style-type: none"> <li>– HART: Secondary Master can be connected</li> <li>– Improved feedback with message transmission</li> <li>– Modem: Additional possibility to send AT-Strings to the modem</li> <li>– SMS and e-mail can now be transmitted at the same time (are executed one after the other)</li> <li>– Additional LOG files for data transmission with modem or via LAN</li> <li>– For Japan the selectable units can be limited to SI units</li> <li>– WEB VV data transmission can be triggered via the menu</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– Accuracy of the real time clock with operating in LAN improved</li> <li>– WEB VV data can be sent in minute cycle, previously caused a restart of the instrument</li> <li>– PPP: With Dial-In, the dial-in functioned only once</li> <li>– Faultrelay status information was not transmitted correctly via Modbus TCP</li> <li>– Trend recordings are corrected with time changes</li> </ul>
<b>1.93</b> <b>03/2010</b>	<ul style="list-style-type: none"> <li>– Error correction</li> </ul>
<b>1.92</b> <b>11/2009</b>	<ul style="list-style-type: none"> <li>– Integration of new sensors:               <ul style="list-style-type: none"> <li>• plics@plus sensors</li> <li>• VEGADIF 65 sensors</li> <li>• PROTRAC sensors</li> </ul> </li> </ul> <p><b>Instruments with interface:</b></p> <ul style="list-style-type: none"> <li>-Coded WEB-VV data transmission</li> </ul>
<b>1.91</b> <b>12/2008</b>	<p><b>Instruments with Ethernet interface</b></p> <ul style="list-style-type: none"> <li>– WEB-VV data exchange updated</li> </ul> <p><b>Instruments with RS232 interface</b></p> <ul style="list-style-type: none"> <li>– Modem operation updated</li> <li>– WEB-VV data exchange updated</li> </ul>
<b>1.90</b> <b>04/2008</b>	<ul style="list-style-type: none"> <li>– HART communication updated</li> <li>– Fault message E015 was outputted instead of E014 with sensor currents &gt; 35mA</li> </ul>

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	<ul style="list-style-type: none"> <li>– Scaling units extended by temperature units</li> <li>– Error correction: temporary deactivation of the PIN caused permanent deactivation up to the next restart</li> </ul> <p><b>Instruments with Ethernet interface</b></p> <ul style="list-style-type: none"> <li>– DHCP client</li> <li>– TCP/IP communication updated</li> <li>– WEB-VV data exchange updated</li> </ul> <p><b>Instruments with RS232 interface</b></p> <ul style="list-style-type: none"> <li>– Modem operation extended by additional safety measures</li> <li>– User name and password extended to 60 characters with PPP</li> <li>– WEB-VV data exchange updated</li> <li>- Error correction: Saving of RS232 interface parameters</li> </ul>
<p><b>1.80</b> <b>07/2007</b></p>	<ul style="list-style-type: none"> <li>– 15 individually programmable linearisation curves (previously 3)</li> <li>– integration VEGAWELL 51/52 sensors</li> <li>– new menu language: Dutch</li> <li>– live adjustment via menu</li> <li>– simulation of percent and Lin-percent-values via menu</li> <li>– update HART communication</li> </ul> <p><b>Instruments with optional interfaces</b></p> <ul style="list-style-type: none"> <li>– WEB-VV functionality implemented</li> <li>– event type time controlled with limited timing (e.g. only on weekdays)</li> <li>– device trend: error correction of CSV data file</li> <li>– device trend: error correction performance after voltage drop</li> </ul>
<p><b>1.73</b> <b>07/2006</b></p>	<p><b>Geräte mit Schnittstelle:</b></p> <ul style="list-style-type: none"> <li>– Fehlerkorrektur: Kurve15 kann jetzt mit DTM ausgelesen werden</li> <li>– Fehlerkorrektur: Modbus TCP-Protokoll</li> </ul>
<p><b>1.72</b> <b>04/2006</b></p>	<p><b>Instruments with optional interface:</b></p> <ul style="list-style-type: none"> <li>– Error correction: Curve 15 can be now read out with DTM</li> <li>– Error correction: Modbus TCP protocol</li> </ul>

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<b>1.62</b> <b>01/2006</b>	<ul style="list-style-type: none"> <li>– Error correction: Update Reset Factory Settings</li> </ul>
<b>1.61</b> <b>12/2005</b>	<ul style="list-style-type: none"> <li>– Access protection for parameter adjustment</li> </ul> <p><b>Instruments with RS232 interface:</b></p> <ul style="list-style-type: none"> <li>– Device trend / Data logger function</li> <li>– E-Mail: Transmission of device trend files possible</li> <li>– SMS function</li> <li>– PPP: IP address and Host name can be modified via DTM</li> </ul> <p><b>Instruments with Ethernet interface:</b></p> <ul style="list-style-type: none"> <li>– Device trend / Data logger function</li> <li>– E-Mail: Transmission of device trend files possible</li> </ul>
<b>1.51</b> <b>09/2005</b>	<ul style="list-style-type: none"> <li>– Error correction Ethernet communication with Standard gateway</li> </ul>
<b>1.50</b> <b>07/2005</b>	<ul style="list-style-type: none"> <li>– new menu images for standard gateway and communication protocol</li> </ul> <p><b>Instruments with RS232 interface:</b></p> <ul style="list-style-type: none"> <li>– PPP dial-up function (e.g. a dial-up connection can be established to the instrument and measured values can be enquired via a web browser)</li> <li>– VEGA ASCII protocol implemented</li> <li>– E-Mail: Transmission of VV files possible</li> </ul> <p><b>Instruments with Ethernet interface:</b></p> <ul style="list-style-type: none"> <li>– VEGA ASCII protocol implemented</li> <li>– E-Mail: Transmission of VV files possible</li> <li>– Access protection for HTML pages</li> </ul>
<b>1.40</b> <b>03/2005</b>	<ul style="list-style-type: none"> <li>– Integration VEGACAL sensors</li> </ul> <p><b>Instruments with RS232 interface:</b></p> <ul style="list-style-type: none"> <li>– E-Mail function</li> <li>– PPP selection function (i.e. MET dials automatically and sends EMAIL)</li> </ul>

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	<p><b>Instruments with Ethernet interface:</b></p> <ul style="list-style-type: none"> <li>– E-Mail function</li> <li>– Floating Point via Modbus TCP</li> <li>– transmission of VV files possible</li> </ul>
<p><b>1.20 10/2004</b></p>	<p><b>First sold version for VEGASCAN 693</b></p> <ul style="list-style-type: none"> <li>– PC/DCS outputs available</li> </ul> <p><b>Instruments with RS232 interface:</b></p> <ul style="list-style-type: none"> <li>– Real time clock</li> <li>– Modem initialisation: Remote enquiry via modem with Pactware possible</li> <li>– Connection to Visual VEGA (Vers. 5.21)</li> <li>– Software update via RS232 interface possible</li> </ul> <p><b>Instruments with Ethernet interface</b></p> <ul style="list-style-type: none"> <li>– Real time clock</li> <li>– WEB-Browser (HTML pages)</li> <li>– Connection to Visual VEGA (Vers. 5.21)</li> <li>– Modbus TCP protocol</li> </ul>

### Legende:

Name	Beschreibung
Version	<p>xx.yy.zz</p> <p>xx: compatibility version. Will be increased if there is no compatibility to the version before. Range of values 0...99.</p> <p>yy: Functions extension version. Will be increased if new functions or modifications were carried out. A function extension version can include error corrections. Range of values 0...99.</p> <p>zz: Error correction version. Will be increased if only error corrections were made. Range of values 0...99.</p>
Available since	Month/Year