Veo+ Public Manifest

June 17, 2025

2025-06-18 Veo+ 4.5.8

New Features

4926 Fixes screen flicker issue.

4930 New hardware component support.

2024-12-03 Veo+ 4.5.7

New Features

4828 Russian language now available as standard and no longer requires an activation code.

4855 New probe configuration files added for the Wheel Probe 2, 1MHz, 102 Elements model.

Fixed Issues

4870 Fix color palette display for data represented in depth value and collected using a non-rectified (RF) signal.

4882 Fix the issue with measurements values from annotation boxes done on non-rectified (RF) signal.

2024-07-31 Veo+ 4.5.6

New Features

None, follows other products' software version ID.

2023-10-14 Veo+ 4.5.5

New Features

4692 Fixes BeamTool linear spread focal law import.

4730 GE SEB4-0-E DGS probe has been added.

4774 Probe and wedge database updated. It fixes some dimensions.

4789 New multiscan acquisition layouts. Some get small scrolling top views for coupling check purposes.

4793 128E WP2 utprobes and examples files have been added.

4726 HV Calibration Improvement.

Fixed Issues

4587 TOFD Lateral Wave Straightening is fixed.

4781 Fixes internal SSD partition issue.

2023-01-17 Veo+ 4.5.4

New Features

4680 Improve HV error management

Fixed Issues

4684 Fix missing translations

2022-11-26 Veo+ 4.5.3

New Features

4619 Correct HV error message to reduce confusion

4600 Improve HV error management

4634 Change in UT Filters specification

2022-03-17 Veo+ 4.5.2

New Features

None

Fixed Issues

2762 Spurious noise fix for PA + long range setup.

4567 It fixes data issues with IFT and C-scan views.

Known Issues

3700 Bottom Right Row probe element layout is fixed using the wedge angle wizard.

4467 The TFM could glitch at pause.

2021-10-22 Veo+ 4.5.1

New Features

None, follows other products' software version ID.

Known Issues

3700 Bottom Right Row probe element layout is fixed using the wedge angle wizard.

4467 The TFM could glitch at pause.

2021-10-12 Veo+ 4.5.0

New Features

2828 The user can import focal laws under the inspection tab.

3644 .law filename is displayed in the Inspection tab.

3650 Utstudio+, Veo+ and Veo3 supports .law (and .pte) CIVA files.

3709 It is possible to load custom focal law in the new inspection wizard.

4242 Custom focal laws do not work with the "no wedge" setting.

4309 The custom focal law persists when you reload that utcfg.

4426 For an ezDGS probe, you can now edit its refracted angle.

4461 New X6BW flat .utwedge files.

4469 New D1B flat wedges.

4471 New StarTech WiFi dongle support.

4495 The Wedge Angle Wizard check has been moved to the Wedge tab.

4535 There are new X2B probes and wedges.

4183 Utstudio+, Veo+ and Veo3 supports .law ES BeamTool files.

Fixed Issues

4284 New behaviour: All the WiFi previous settings are saved.

4314 Cartesian cursors in MC-scan view: Index and scan position readings fixed.

4364 The part overlay "W" shortcut is fixed.

4366 Focus goes to the menus once you loaded a probe or a wedge.

4387 For curved surfaces geometries, the location of the probe in the 3D view, may sometimes be out of boundaries.

4396 Curved surface inspection in conventional UT; The user must manually update the "Contact Surface" parameter.

4400 Unsaved IFT culling and circular ruler parameters are fixed.

4418 Issue with the propagation mode parameter while using the Autofit A-scan in the FMC scan

4443 Conflict with SMC TFM and Max PRF is fixed.

Known Issues

3700 Bottom Right Row probe element layout is fixed using the wedge angle wizard.

4467 The TFM could glitch at pause.

4557 Any valid TFM apertures beyond the 65th element do not work.

4558 TFM MC-scan view is empty in live/record mode but in analysis

2021-04-07 Veo+ 4.4.0

New Features

3688 Update of the D1S probe dimensions

4308 New Xpair update

Fixed Issues

3687 New probe in UTstudio+ have all elements activated by default

3694 TCG is not reset when the start path is moved beyond the first point

3717 TCG curve interpolation improvement when a TCG point is outside of the scan

4223 Pulse width value of the MSEB4 probe has been updated.

4259 In extreme configurations, the phased-array PRF could, because of an issue, be applied on the UT channel.

Known Issues

4418 Issue with the propagation mode parameter while using the Autofit A-scan in the FMC scan

2020-09-01 Veo+ 4.3.0

New Features

3723 New Probes and Wedges have been added to our data base

3779 Increase the number of PA scans from 6 to 8 scans

3809 New layouts are available

3930 The welcome screen has been refurbished and is now offering the User's Template concept.

4092 For conventional UT configuration the T-loss functionality is now available for DAC/TCG calibration

Fixed Issues

3787 Index offset is no longer a calibration breaker

2020-01-24 Veo+ 4.2.6

New Features

3719 Additionnal layout on 3 linear scans set up.

3759 Addition of a new layout A1 S1 A2 S2 C3 A3 L3 S4 A4 S5 A5 L6 C6 A6

2019-06-21 Veo+ 4.2.4

New Features

 None

Fixed Issues

3706 Internal tools enhancement

2019-03-28 Veo+ 4.2.3

New Features

None, follows other products' software version ID.

2019-03-12 Veo+ 4.2.2

New Features

3653 Low profile X0AW wedge dimensions update

Fixed Issues

3655 Crash correction in the sensitivity wizard (mono scan)

2018-11-22 Veo+ 4.2.1

New Features

3182 Add WP2 New Encoder Configuration File (update Tick/s)

3420 Correction of the Focal distance offset for DLA configuration

3615 New Layout implementation (4 PA-2 TOFD)

3641 Include now Starc and TStarc UT probe file in the internal database

3642 New ezDGS Karl Deutsch Probes added in internal database

3250 Update D1S Probes Models

3254 Width dimensions up to date on D1A wedge series

2018-10-17 Veo+ 4.2.0

New Features

None, follows other products' software version ID.

2018-04-26 Veo+ 4.1.0

New Features

2454 Linear Scan elements resolution can now be set by user

2727 New FMC-TFM software option for VEO+

3127 New option to synchronize gate with the previous one

3135 Updated Translation for all languages

3157 New option to hide gates ID information in the A-Scan view

3162 Updated Help Files

3185 Increase probe number limitations for multiscan configuration

3188 New option to ask to save configuration file before going to record mode

3193 Tabs and icons look & feel update

Fixed Issues

3125 Fix possibility to set thickness at less than 2mm for sectorial scan

2018-02-16 Veo+ 3.19.4

New Features

None, follows other products' software version ID.

2018-02-16 Veo+ 3.19.3

New Features

None, follows other products' software version ID.

2018-02-01 Veo+ 3.19.2

New Features

116 Updated phased array probes and wedges database

Known Issues

585 Issues when zooming on views with keyboard

708 Issues converting TCG to DAC with angulated wedge

870 Part Overlay not in correct position when B-Scan orientation is change

2017-12-16 Veo+ 3.19.1

New Features

061 Updated phased array probes and wedges database

Known Issues

585 Issues when zooming on views with keyboard

708 Issues converting TCG to DAC with angulated wedge

870 Part Overlay not in correct position when B-Scan orientation is change

2017-11-24 Veo+ 3.19.0

New Features

 None

Fixed Issues

980 Fix potential issue in hardware boot sequence causing noise on UT channels

Known Issues

585 Issues when zooming on views with keyboard

708 Issues converting TCG to DAC with angulated wedge

870 Part Overlay not in correct position when B-Scan orientation is change

2017-09-27 Veo+ 3.18.12

New Features

792 New PCS parameter is editable in play mode when using TOFD scan

869 New Czech is now a supported language

930 UT wedge & probe database update

934 New X0 low profile probes and wedges series has been added to the database

Fixed Issues

448 Windows requests to scan USB after every use with instrument

789 Fix Cartesian cursor not showing true depth measurement in certain views

806 Fix media browser not moving files properly

Known Issues

585 Issues when zooming on views with keyboard

708 Issues converting TCG to DAC with angulated wedge

870 Part Overlay not in correct position when B-Scan orientation is change

2017-05-05 Veo+ 3.17.11

New Features

378 Configuration Report according to ASME/API/AWS standards

691 Optimized features for Pitch & Catch configuration with Phased Array

701 New Reload TCG/DAC curve feature when breaking calibration

751 New Option to hide documentation for training purposes

Fixed Issues

512 System asked to save file when pressing shutdown button

740 Compatibility issues with files created in version 3.8.2 or earlier

799 Fix SDH wedge delay wizard on sectorial scan

801 Cursors info missing from expanded reports

Known Issues

585 Issues when zooming on views with keyboard

708 Issues converting TCG to DAC with angulated wedge

2017-04-20 Veo+ 3.16.2

New Features

738 New Automatic Reset of Scan Axis for Circular parts

758 New Scrolling Merged C-scan in encoded view

Fixed Issues

744 Fix High Resolution problems on long scan axis

Known Issues

448 Windows requests to scan USB after every use with instrument

585 Issues when zooming on views with keyboard

708 Issues converting TCG to DAC with angulated wedge

2017-03-21 Veo+ 3.15.4

New Features

735 Updated Translation for all languages

434 New Scrolling C-scan in encoded view

045 New Cloud Remote access solutions powered by LogMeIn Hamachi

Fixed Issues

749 Add BIOS programming support for new veo+ COM modules

586 Fix overlapped tabs when using Japanese language

029 Cartesian cursor not showing true depth measurement

199 Data is not erased when using invert scan direction

489 DGS curve dissappearing on load configuration

592 Crash on save view data to .csv

640 Crash on load .utdata file with Russian language activated

Known Issues

448 Windows requests to scan USB after every use with instrument

585 Issues when zooming on views with keyboard

740 Compatibility issues with files created in version 3.8.2 or earlier

2017-01-26 Veo+ 3.14.3

New Features

2272 Prod Tools & Service Centers Improvements

568 Improved WiFi functionalities

Fixed Issues

2294 TCG Calibration breaking when dB ref is changed

2604 System switches from russian to english at reboot

601 After Reboot, WiFi password is not recognized

616 Cannot rename folder after moving/copying file into it

1704 Rescue process to factory default cannot be completed properly

1883 Element activation wizard for a scan cancels calibration of other scans

2016-10-25 Veo+ 3.13.3

New Features

None

Fixed Issues

2165 TOFD Gate measurements improvement

Known Issues

32 File loaded from USB key cannot be saved after removing the key

40 Maximizing Merged C-scan view during acquisition clears the view

635 WiFi refresh button in configuration screen not working. - WA turn OFF/ON the antenna

363 Wheel touch doesn't work while in velocity wizard - WA use arrows

236 In some occasion a split DAC vertical lines is not drawn - WA re-implement the DAC

231 Redundant info in 3D view or wrong abbreviation used for focal distance

2016-09-16 Veo+ 3.12.7

New Features

1575 New automatic filenaming functionality

1697 New ezDGS functionalities: curve importation from GE probe (single & twin crystal probes)

1569 New PA natural focal mode (no-focusing)

1715 New default FTP user name = ftpuser

1716 New default VNC password = password

2005 New UI language update: Japanese + updates on other languages

1922 Preferred recording drive is SSD for fast record of large files

1952 Integrated wedge is now part of the wedge advanced parameters (yes/no)

2087 DAC to TCG is now available in SCAN menu (stop mode)

Fixed Issues

263 Reset all in Time-based should reset all data

601 WiFi right password isn't recognize correctly after reboot

406 Cross Hair Cursor doesn't move in S-Scan when moving the Mouse Cursor

642 Change the default value for Elmt Diameter of a mono circular probe

779 Overlapped UI tabs in Hungarian, German, Japanese, Slovak

1838 Change weld on curved surface with constant path focus breaks calibs

2025 We not supposed change dB during recording

2079 TCG curve cannot be edited after modifying the gain

2081 Error when adding a second scan on curved surface

Known Issues

32 File loaded from USB key cannot be saved after removing the key

40 Maximizing Merged C-scan view during acquisition clears the view

635 WiFi refresh button in configuration screen not working. - WA turn OFF/ON the antenna

363 Wheel touch doesn't work while in velocity wizard - WA use arrows

236 In some occasion a split DAC vertical lines is not drawn - WA re-implement the DAC

231 Redundant info in 3D view or wrong abbreviation used for focal distance

2016-06-22 Veo+ 3.11.6

New Features

178 New software option for PA-CSC

440 New example files for PA-CSC

1671 New UTDATA, UTCFG, PDF, IMAGE icons

1543 Auto TCG sweep with skips

701 Add WiFi IP adress in About Windows

1799 New layout implementation

579 Now default weld angle value is 30° (used to be 45°)

1416 Wedge PA angle auto-calibration wizard

1448 Review of calibration breakers relations

57 If USB unplug it now deletes recent files link

1627 Change Radius for Diameter

1684 Add IFT culling option in the beginning of TCG/DAC Wizard

1738 Replace "New Inspection Wizard" by "Create New Configuration"

Fixed Issues

638 Code doesn't accept mono refracted at angle 90°

1798 Cross Hair cursor doesn't show the measurement at its intersection in many views

322 F3 reset shortcut doesn't work when 2D quadrature encoded and Timed Base

609 Screen brightness parameter missing for Veo's

629 DGS Wizard Ends too fast

1615 Welcome screen - battery indicators are cut off

1439 AQR indicator mis-behavior with 2 TOFD scans

1630 Going back in wizard replaces value to default

Known Issues

32 File loaded from USB key cannot be saved after removing the key.

40 Maximizing Merged C-scan view clears the view.

565 3D views improvement for P&C functionalities.

635 WiFi refresh button in configuration screen not working. - WA turn OFF/ON the antenna.

601 WiFi right password isn't recognize correctly after reboot - WA re-enter password.

363 Wheel touch doesn't work while in velocity wizard - WA use arrows

280 Measures in Part References don't consider Encoding Area offset+rotation

263 Reset all in Time-based should reset all data - WA make a manual reset

236 Sometimes split DAC vertical lines are not drawn

231 Redundant info in 3D view or wrong abbreviation used for focal distance

406 Cross Hair Cursor doesn't move in S-Scan when moving the Mouse Cursor

2016-05-02 Veo+ 3.10.11

New Features

None

Fixed Issues

90 Error in FL calculation - Beam exit point outside wedge

2016-04-21 Veo+ Release 3.10.10

New Features

1476 Update for multiple OS security fixes.

1584 New layout for 5 Scan that includes a B-Scan.

Fixed Issues

1397 Mono DAC interface.

1490 UT function noise.

2016-03-15 Veo+ 3.10.8

First public release.

Known Issues

32 File loaded from USB key cannot be saved after removing the key.

40 Maximizing Merged C-scan view clears the view.

565 3D views improvement for P&C functionalities.

609 Screen brightness parameter missing.

635 WiFi refresh button in configuration screen not working. - WA turn OFF/ON the antenna.

601 WiFi right password isn't recognize correctly after reboot - WA re-enter password.

592 Auto FSH in DGS wizard not accurate - WA make manual adjustment.

363 Wheel touch doesn't work while in velocity wizard - WA use arrows.

322 F3 reset shortcut doesn't work when 2D quadrature encoded - WA manual reset.

280 Measures in Part References don't consider Encoding Area offset+rotation.

263 Reset all in Time-based should reset all data - WA manual reset.

236 Sometimes split DAC vertical lines are not drawn.

231 Redundant info in 3D view or wrong abbreviation used for focal distance.

1439 AQR indicator unespected behavior when having 2 TOFD scans.

1541 Part Thickness and geometry index offset breaks calibration