

Veo+ Public Manifest

October 13, 2023

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 disappearing 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 unsuspected behavior when having 2 TOFD scans.
- 1541** Part Thickness and geometry index offset breaks calibration