

# Veo3 Public Manifest

December 17, 2024

## 2024-12-03 Veo3 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.

### Known Issues

**4689** The numeric keypad does not appear in the auto-hide menu mode.

## 2024-07-31 Veo3 4.5.6

### New Features

**4869** Support for new ISSI memory chip

### Known Issues

**4689** The numeric keypad does not appear in the auto-hide menu mode.

## 2023-10-14 Veo3 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.

## **Known Issues**

**4689** The numeric keypad does not appear in the auto-hide menu mode.

## **2023-01-17 Veo3 4.5.4**

### **New Features**

**4680** Improve HV error management

### **Fixed Issues**

**4684** Fix missing translations

## **2022-11-26 Veo3 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 Veo3 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.

**4572** Preventing issue for touch-screen interactions and custom focal law new setup wizard.

### **Known Issues**

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

**4467** The TFM could glitch at pause.

**4547** The touchscreen may stop working when a VNC session has been closed.

## **2021-10-22 Veo3 4.5.1**

### **New Features**

None

### **Fixed Issues**

**4557** Any valid TFM apertures beyond the 65th element now work.

**4558** TFM MC-scan view is empty in live/record mode.

## Known Issues

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

**4467** The TFM could glitch at pause.

**4547** The touchscreen may stop working when a VNC session has been closed.

## 2021-10-12 Veo3 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.

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

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

**4412** There is a unique color to each TFM scan. The TFM scan tab colour is the same as its TFM ROI box.

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

**4436** Top and End views get new extraction resolution parameters. (Under view properties)

**4448** The interface uses ROI (Region of Interest) terminology. ("ZOI" has been replaced by "ROI")

**4450** New TFMi scan type: Keep Max operator.

**4456** AUTO FSH function button is disabled with Product TFMi.

**4459** 6T and 7T propagation modes have been added. (also available in TFMi scans)

**4461** New X6BW flat .utwedge files.

**4464** Probe and Velocity wizard is disabled in TFMi scans.

**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.

**4390** New TFMi scan type: Product operator.

**4402** Faster ROI computing; Spinner included.

### 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
- 4429 Live TFM merged c-scan data is not displayed properly in play mode
- 4443 Conflict with SMC TFM and Max PRF is fixed.
- 4468 Probe and Wedge media browsing is faster with TFM scans.
- 4490 Extra image sensitivity levels: 32x and 64x. (exclusive to product TFMi)

## **Known Issues**

- 3700 Bottom Right Row probe element layout is fixed using the wedge angle wizard.
- 4467 The TFM could glitch at pause.
- 4547 The touchscreen may stop working when a VNC session has been closed.
- 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 Veo3 4.4.0**

### **New Features**

- 3688 Update of the D1S probe dimensions
- 3725 New Hilbert envelope on live TFM scan
- 3771 Up to 6 live TFM modes simultaneously
- 3843 New Time Corrected Gain (TCG) for live TFM
- 3844 New velocity and zero wizard for live TFM Scan
- 3857 New sensitivity setting for live TFM scan
- 3867 New sparse matrix capture (Fast TFM) functionality
- 3876 New simultaneously multitechnique scan (Phased-array, TFM, TOFD)
- 3904 Up to 64 elements aperture in live TFM scan
- 3914 New amplitude fidelity wizard for TFM scan
- 3948 New TFM configuration templates
- 3950 New 5T TFM propagation mode
- 4069 New multitechnique layout
- 4115 New touchscreen and keypad
- 4308 New Xpair update
- 3796 Total Focusing method (TFM) is now available

### **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

**4429** Live TFM merged c-scan data is not displayed properly in play mode