Prisma Public Manifest

May 4, 2017

Important Upgrade Notice

- Use the "Prefs -> System Update" option to start the installation of the **prisma_update_X.Y.Z.img** update file.

- PRISMA units using version 3.10 and above cannot be downgraded to a version below 3.8.1.

- When upgrading to 3.8.2 and above for the first time, the time zone preference will be lost and needs to be set again.

  - In the **Prefs** tab, go to the **System** section.
  - Select **System Date/Time** and press **OK**.
  - Choose the correct time zone.

2017-05-05 Prisma 3.17.11

New Features

378 Configuration Report according to ASME/API/AWS standards

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

Known Issues

708 Issues converting TCG to DAC with angulated wedge

2017-04-20 Prisma 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

708 Issues converting TCG to DAC with angulated wedge

2017-03-21 Prisma 3.15.4

New Features

434 New Scrolling C-scan in encoded view

735 Updated Translation for all languages

Fixed Issues

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

635 Fix issue of lost calibration when boot on failsafe

Known Issues

448 Windows requests to scan USB after every use with instrument

740 Compatibility issues with files created in version 3.8.2 or earlier

2017-01-26 Prisma 3.14.3

New Features

568 Improved WiFi functionalities

2272 Prod Tools & Service Centers Improvements

Fixed Issues

2294 TCG Calibration breaking when dB ref is changed

616 Cannot rename folder after moving/copying file into it

1704 Rescue process to factory default cannot be completed properly

2026 Cannot move gates with IFT function activated

1387 File copied into a renamed folder is not listed

2016-10-25 Prisma 3.13.3

New Features

None

Fixed Issues

2165 TOFD Gate measurement 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

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 Prisma 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

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

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

2025 We not supposed change dB during recording

2079 TCG curve cannot be edited after modifying the gain

1701 Cannot perform a rescue on Prisma

Known Issues

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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 Prisma 3.11.6

New Features

1671 New UTDATA, UTCFG, PDF, IMAGE icons

1543 Auto TCG sweep with skips

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

629 DGS Wizard Ends too fast

1615 Welcome screen - battery indicators are cut off

Known Issues

1701 Cannot perform a rescue on Prisma

40 Maximizing Merged C-scan view clears the view

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

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

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

2016-05-02 Prisma 3.10.11

Fixed Issues

90 Error in FL calculation - Beam exit point outside wedge

2016-04-21 Prisma 3.10.10

New Features

1476 Update for multiple OS security fixes.

Fixed Issues

1394 Phased Array software option's integrity was revised

1397 Mono DAC interface.

2016-03-15 Prisma 3.10.8

New Features

Remote Access & Password (Prefs/Network) works now for both UTLink (VNC) and FTP (user is sonatest) connections.

Time Based (Encoding Setup) has been implemented with 4 levels (Low / Mid / High / Max).

AQR (acquisition rate) now displayed on the right corner instead of FPS.

Keep Meas. Bar (Prefs/Display) = YES by default on all new instrument (only apply in PLAY mode).

Addition of a new bank of Sonatest probes and wedges to the software database.

Fixed Issues

935 Create Scan distance over 1000 mm removes weld overlay.

809 Weld overlay drawing error if horizontal right.

274 Impose file size limit | Using UTStdudio 64 bit, file size is not a problem anymore.

936 (C-276) If zoomed in, views are altered when saving to a new setup from utdata.

232 Graphical dimensions in 3D view are not exported in report.

331 Error or missing measurement when moving angular cursor with mouse.

839 Element Diameter correction for Phoenix Probe.

Known Issues

592 Auto FSH in DGS wizard not accurate - WA adjust the gain manually

565 3D views improvement for P&C functionalities

40 Maximizing Merged C-scan view clears the view

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 make a 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 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

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

1439 AQR indicator unespected behavior when having 2 TOFD scans

1541 Part Thickness and geometry index offset breaks calibration

2016-03-15 Prisma 3.9.7

New Features

None

Fixed Issues

G-499 Occasional USB detection problem

2015-11-04 Prisma 3.9.6

New Features

None, follows VEO and UTStudio software version ID.

2015-09-24 Prisma 3.9.3

New Features

G-389 Recent layout now available

G-261 Amotus SDK external app launcher

G-139 New inspection wizard - change S-Scan start angle 35°

G-118 Set fixed aspect ratio to false on L-Scan (now wide by default

G-109 Change default measure in the measurement bar

G-64 Add a new measurement from wedge (to include X offset as per D-Series)

G-53 Update all Layouts / Templates / Examples / New Inspection Wizard

G-43 Place gate start at 25 mm or 25% in A-scan as default value

G-38 Crosshair mouse in views of UTDATA file

G-36 Time-Based recording - Add duration parameter

G-35 Missed frames should appear in record view in long scan

Fixed Issues

Several improvements to the "auto-hide menus" feature

G-380 Problem with long press dB and signal without smoothing

G-420 Crash in save dialog after refusing file overwrite

G-374 Change default selected measurements in velocity wizard

G-373 Copy & overwriting a file in media browser will break it

G-355 Range path does cover all reflectors in TCG wizard

G-349 Correct the position of gates at the end of Velocity wizard

G-316 Extraction box becomes a point outside the scan area when switching layouts

G-291 Inspection Wizard, load Probe or Wedge remove HAZ in 3D view

G-244 X Offset is out of range

G-238 Grids don't cover all the maximized view when rulers aren't present

G-208 File Name generation

G-205 Dimensions not shown in 3D geometry views

G-189 BScan in utdata: cursor hard to move in one direction

G-171 Long press dB doesn't work well

G-169 Smooth scrolling is fragmented by every vertical line of the grid

G-159 Stop & Play increases the PA-view zoom aspect ratio

G-151 Faulty 3D view screenshots

G-147 L-scan view is zoomed in when the calibration wizard ends

G-138 Overlay inversed when scan view is inversed

G-131 S-Scan starting too high when fix aspect ratio = Yes

G-128 Cursor mouvement VS View Orientation.

G-127 Example_Conventional_Pitch_Catch.utcfg new probe

G-124 Mouse click on view doesn't hide the Auto-Hide menu

G-119 Angular box not correctly positioned in L/S scan.

G-98 Gate Width can be set to negative values

G-89 TCG to DAC in PA adds point at start path for certain focal laws

G-77 Make gate level adjustment rounded anytime

G-71 If all gate are deleted in 1 Ascan, Gate button not work to change for other Gate

G-67 Ruler update problem

G-50 Minor phantom echoes in PA signal

G-46 Long press dB button shouldn't modify the gain when in Pause

G-42 L-scan view is not centered with less than 4 beams

G-37 Multiple pop-up if press power button more than 1 time.

G-34 Reset all position doesn't clear merged c-scan views

G-25 Long press dB key doesn't adjust gain in current gate

Known Issues

G-363 Wheel touch doesn't work while in velocity wizard

G-331 Error or missing measurement when moving angular cursor with mouse

G-322 2D quadrature encoded & F3 shortcut

G-290 Long press Gate button, bring us to other cursor than Gate if not in A-scan

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

G-274 Impose file size limit

G-263 Reset all in Time-based should reset all (:

G-260 Critically Low Battery message hidden by the About window

G-236 Split DAC vertical lines are not always drawn

G-231 Redundant info in 3D view and wrong abbreviation used for focal distance

G-194 Probe & Wedge views are not displayed after saving screenshot with Plan view

G-57 Recent files stored on USB are grey after reboot

G-40 Maximizing Merged C-scan view clears the view

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

C-276 If zoomed in, views are altered when saving to a new setup from utdata

C-248 Change the default value for Elmt Diameter of a mono circular probe

2015-01-21 Prisma 3.8.2

Internal versions

Software	OS(Yocto)	9233f6b1b934
	Application (eg3)	1a7adfc20474
Firmware		2.7.0
Hardware		Rev. C and D

Fixed Issues

7183 In conventional UT mode, the frame rate is now correctly adjusted based on the PRF.

7187 Performance improvements.

7175 Attenuator now properly switches at the expected threshold of 45.0 dB.

7056 The "Integration Tools" software option was renamed to "CSV Export" to better reflect what it does.

7107 Fixed possible crash when encoding around the end of the scan distance.

6729, 6982, 7068 Fixed several UI problems when using "Auto-Hide Menus" setting.
Also, the "Menu" button is now available when editing a value in a spinbox.

Known Issues

7202 When using the Sensitivity Wizard, pressing the Maximize button will cause the device to crash. The Maximize button is not useful in this context, so the workaround is to avoid pressing it.