

# Prisma Public Manifest

January 31, 2018

## 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.

## **2018-02-01 Prisma 3.19.2**

### **New Features**

**116** Updated phased array probes and wedges database

### **Known Issues**

**708** Issues converting TCG to DAC with angulated wedge

## **2017-12-16 Prisma 3.19.1**

### **New Features**

**061** Updated phased array probes and wedges database

### **Known Issues**

**708** Issues converting TCG to DAC with angulated wedge

## **2017-11-24 Prisma 3.19.0**

### **New Features**

None, follows other products' software version ID.

### **Known Issues**

**708** Issues converting TCG to DAC with angulated wedge

## **2017-09-27 Prisma 3.18.12**

### **New Features**

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

**862** New WIFI connection options available

**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**

**708** Issues converting TCG to DAC with angulated wedge

## **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 disappearing 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 filenames 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

- 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

## 2016-06-22 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 UTStudio 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 unexpected 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.