



# UTSTUDIO+ PUBLIC MANIFEST



November 22, 2018

## Recommended System

- Intel® Core™ i7 processor or faster
- 16 gigabytes (GB) of RAM
- 256 gigabytes (GB) SSD hard disk
- One of the following operating systems:
  - Windows 7 (64-bit version)
  - Windows 8 or 8.1 (64-bit version)
  - Windows 10 (64-bit version)

<b>Feature Matrix</b>	<b>UTstudio+</b> 	<b>UTview</b> 
<b>ACTIONS ON A SONATEST UTDATA (data file)</b>		
Generate HIGH-RESOLUTION TFM IMAGES from an FMC scan.	X	
Improve defect discrimination and sizing using SOFTWARE GAIN.	X	
Generate automatic measurements with the defect ANNOTATION BOX.	X	
Select measurements, scan parameters and images to generate automated and CODE-COMPLIANT REPORTS.	X	
Export an A-SCAN WAVEFORM to be re-called as a reference on another data set (REFERENCE A-SCAN).	X	
EXPORT RAW DATA to a csv format for advanced or customized analysis and reporting.	X	
Create and re-call PREFORMATED ANALYSIS TEMPLATE SHEET to speed-up similar or recurrent utdata analysis (BATCH ANALYSIS).	X	
Here are some of the standard and advanced data analysis tools: <ul style="list-style-type: none"> <li>• SHOW FMC-TFM-A-B-C-D-L-S scan views</li> <li>• SHOW TOP-SIDE-END-TOFD views</li> <li>• CREATE CUSTOMIZED SHEETS (layout work space) for analysis</li> <li>• MODIFY gate, cursor position &amp; color palette settings</li> <li>• ADD gates and cursors for sizing &amp; measurements</li> </ul>	X	X
SAVE ALL THE ACTIONS MENTIONNED ABOVE in a utdata files.	X	
<b>ACTIONS ON SONATEST UTCFG (configuration file)</b>		
CREATE NEW UTCFG configuration files.	X	
MODIFY and MANAGE existing UTCFG configuration files.	X	
OPEN and REVIEW parameters of an existing UTCFG configuration.	X	X

## Software Compatibility

- The Sonatest UTstudio+ and UTview are compatible with following instruments:
  - VEO+
  - PRISMA
- UTstudio+ and UTview are not compatible with first generation VEO16:64 and VEO16:128 (yellow enclosure). For these instruments, use the previous generation of UTstudio Standard and Viewer software (version 3), available at [www.sonatest.com](http://www.sonatest.com).

### 2018-11-22 UTstudio+ 4.2.1

#### New Features

- 3182** Add WP2 New Encoder Configuration File (update Tick/s)
- 3527** Integration of the User Manual in UTstudio
- 3577** NEW Palette synchronization tool !
- 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

#### Known Issues

- 3614** B-Log representation is the same as B-Scan
- 3616** CrossHair Cursor Value in B-LOG Scan with Depth Mode Is Not Working

### 2018-10-17 UTstudio+ 4.2.0

#### New Features

- 2052** Maximum cursor and annotation quantity now fixed to 60
- 3324** New automated contouring for improved visualisation of defective zone

#### Known Issues

- 3625** UTview displays feature not available message when load utdata

### 2018-04-26 UTstudio+ 4.1.0

#### New Features

- 2048** UTstudio+ is now a 64 bits software only
- 2454** Linear Scan elements resolution can now be set by user
- 3002** New TFM imaging solution and tools for UTstudio+
- 3117** New look and feel for UTstudio+
- 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

**3193** Tabs and icons look & feel update

**3211** Old veo16 (yellow veo) data file won't be compatible with UTstudio+