

ECHO 2.4.0 - Release Notes

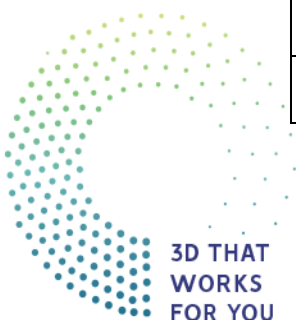
New Features	
1	New UI for the denoise tool and changed its name to clean noise
2	New UI for the camera selection tool
3	Changed the default scanning view to 3D instead of 3D+
4	Assisted scanning mode is no longer in Beta
5	Added a new coverage verification mode to the assisted mode
6	Automatically Create a center point when defining geometry reference circle
7	Added a polyline selection tool

ECHO 2.3.2 - Release Notes

New Features	
1	Added MVtoolbox support

ECHO 2.3.1 - Release Notes

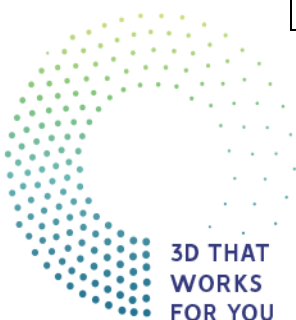
New Features	
1	New measurement tool with geometry references
2	New integrations tools with TEC and GalaxyEye
3	New mesh decimate feature
4	New registration process-based selection of 3 points
5	New annotation feature with an option to add attachments
6	Added multi-selection in auto processing
7	Removed Optimized DB
8	Added Surface virtual mouse
9	Added mesh Bump Map



10	Added battery Indication
11	Added Imported scan (raw data) saved as Editable
12	New camera color settings – 5mp, saturation and color temperature
13	Beta version of the new assisted scanning feature
14	Improved field calibration flow
15	Added support for F6-SR in field calibration process
16	Added back-face visibility modes (dark / front face / transparent)
17	Added playback speed selection in player
18	Added model units and rotation support to export settings
19	Added LAS/LAZ export
20	Several UI improvements and bug fixes

ECHO 2.0.0 - Release Notes

New Features	
1	New Registration Process – we improved most of our 3D registration algorithms and developed new ones.
2	Auto process – A new tool for running registration, denoise and mesh with a single click of a button.
3	New radius measurement tool – A new tool for measuring circle radius.
4	New text labelling tool – For adding a text label to any point in the point-cloud.
5	New selection tool – For selecting points in a random spread.
6	Better 3D rendering – Added the option to control the light intensity of the back face of any surface for a more realistic view
7	Easier tilting and rotating – Added the option to lock any plane when changing the viewing point of the 3D model



8	Export point-cloud to Potree – Echo is now integrated with Potree and can export point-cloud straight to the Potree internet browser viewer.
9	Trim Mesh based on points density – Echo can now trim parts of the mesh based on the points density, using a real-time preview slider.
10	Easy alignment – Align any surface of the model to the top plane by clicking on 3 points.
11	Multilanguage Echo – Multilanguage Echo with a user interface in English, Chinese and Slovak.
12	Frame and time counters while scanning – While scanning, two counters has been added to show scan time and frame count.
13	Echo supports a texture 5 times higher in quality when adding a new add-on camera to the F6 Family.
14	Repository optimization tool – Performs an optimization process on the repository and deletes unnecessary data.

ECHO 1.3.0 - Release Notes

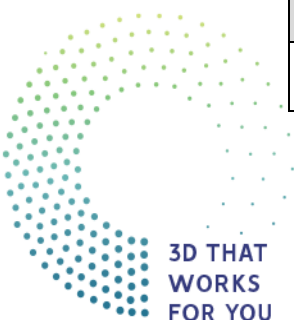
New Features	
1	Section view
2	Virtual reality viewer straight from Echo
3	F6sr support
4	Increased battery life
5	Battery level indicator
6	Sequential registration
7	Measurement tool – export PDF and CSV
8	New “add project” button
9	Move and group all the registration buttons at one place
10	Move and group all the viewing buttons at one place

Bugs fix	
1	Several bugs related to software stability and UI were fixed

ECHO 1.2.0 - Release Notes

New Features	
1	Field calibration
2	Full support for Win7
3	Improved outdoor scanning capabilities
4	Added enhanced functionality in editing groups
5	Export video as a video file
6	Added wire frame view in mesh
7	New icons for gallery, scan and menu
8	Create mesh with vertex colors
9	Auto check for a new version
10	Installation allows the option to set db location
11	Added new perspective views with auto centering
12	New registration action icons
13	Relocate Save and Export buttons
14	Low battery in Surface warning message
15	Decimation for mesh

Bugs fix	
1	True progress bar





2	Wrong lighting intensity for the points
3	Synchronize recording button icon on surface and F6
4	Increased the accuracy of the F6 current representation.
5	Unplugging the F6 during a scan causes Echo to freeze

