What's new and fixed in 3Dsurvey v2.7.0

What's new:

- Transparent orthophoto background - No more black background in reports or printing versions
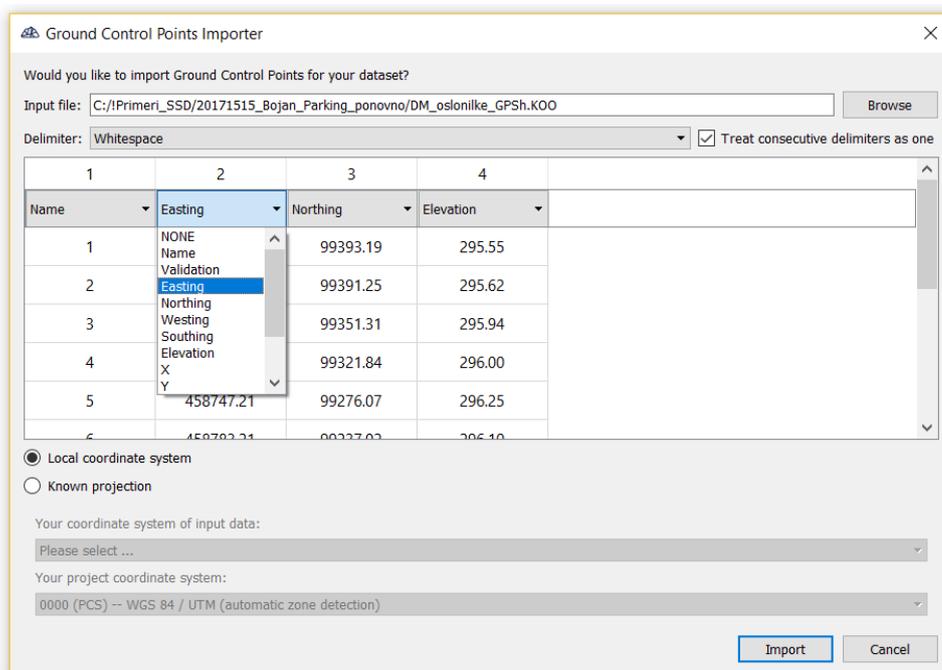
Version: 2.6.2   Version: 2.7.0

- Generic GCP import wizard – import any file type of Ground Control Points and change the positions of the columns with the help of import wizard

- Printable Quick exports! Overlay orthophoto with profiles, contour lines, CAD lines, cadastre boundaries or volume measurements areas and export directly from the right pane - export formats: PDF, JPEG or TIFF.

PDF / JPEG / TIFF – quick export for reporting

- Orthophoto "change resolution" export option – now allows to merge multiple tiles of split orthophoto in a single tile/orthophoto

- Orientation wizard improvements:

- centre GCPs with right mouse click ("detection overview" step -> instead of using pan method to centre GCP on an image simply click onto the centre of the target and the GCP becomes active and centred at the same time)
- multiple GCP selection/deselection (standard select/deselect with checkboxes using SHIFT, CTRL, etc)
- Added exporting contour lines as 2D or 3D DXF,
- Drape rendered orthophotos to DSM – added an option to select which orthophoto you would like to use,
- Measurement functionality removed from Point Cloud tab and integrated into the CAD tab. All measurements tools now in one spot!
- Improved DXF file import, elevation data now fully supported,
- Added pseudo-mercator projection (web mercator),
- Added hotine oblique mercator projection (mainly used by Hungarian users),
- CAD data is now saved to 3Dsurvey project file – import DXF data or draw 3D lines in 3Dsurvey CAD tab and they get automatically saved in 3Dsurvey project file (xxxxx.3Dproject). No need to export them before closing the software and to import them again when continuing your work on the same project,
- Improved popup image overview window (missing images) when loading 3Dprojects,
- Added camera sensor sizes for DJI Spark and Mavic (air) to database,
- Telemetry import can now handle 0-based or 1-based image indexes,
- 3Dsurvey now available in Korean - added Korean translation to the list of available languages.

What's fixed:

- Fixed progress bar when exporting orthophotos,
- Fixed resetting of GCP image positions when starting new orientation,
- Fixed memory leaks with popups and wizards in the background,
- Fixed application crash when selecting coordinate systems without default transformation,
- Fixed orthophoto view when switching orthophotos on/off,
- Fixed application crash when calculating orthophoto on a non-oriented project,
- Fixed application crash with loading projects,
- Fixed offset with point snapping with CAD functions in the CAD tab,
- Fixed unit handling when exporting CAD data,
- Fixed an issue with flipped GCP minimap,
- Fixed draping orthophoto on DSM,
- Fixed memory leak when starting/loading new project.

Known issues:

- There are some issues with geographic coordinate systems with datum shift (use "local coordinate system" option to avoid this issue).