

2.1 - build 3795 (2022-02-28)

- Version for IMAGINE 2022 Update 1 (still fully compatible with IMAGINE 2022)
- update to Agisoft Metashape 1.8.1 (included in installer)
- add operator to define camera calibration manually
- add operator to import camera calibration from various formats:
 - Agisoft
 - Australis
 - Pix4D
 - Inpho
 - OpenCV
 - PhotoModeler
- add operator to import set camera calibration for specified camera of project
- bugfix: skip reading scene center coordinates before alignment

2.0 - build 3733 (2021-11-19)

- Version for IMAGINE 2022
- adjustments of graphical interface to 4K monitors
- update to Agisoft Metashape 1.7.5 (included in installer)
- allow specification of custom ground sampling distance when exporting DSMs
- allow specification of custom ground sampling distance when exporting mosaics
- use depth map as default input source for surface computation for better results
- automatically generate project report when executing 'Run UAV process' from ribbon interface
- bugfix: export tie points during BLK export is not working
- bugfix: remove deprecated option for model export

1.8.4.3578 (2021-04-12)

- Version for IMAGINE 2020 Update 3 (backward compatibility to Update 2 and before is not guaranteed)
- add support for distributed network processing, available for IMAGINE Essentials and Professional users.
- update to Agisoft Metashape 1.7.1 (included in installers)
- remove support for Metashape 1.5.x (Metashape 1.6.x is still fully supported)
- add support for RPC based satellite data (line scanners)
- add new operator to allow setting of the processing/export region
- improve the progress reporting, we now show the actual progress of the underlying modules (was estimated before)
- expose more parameters to support better terrestrial workflows
 - KeyPointLimit
 - TiePointLimit
 - Data Source selection for mesh computation
- bugfix in BLK export
- change runtime to 2015-2019 AIO
- support mosaic export for ECW, JPEG2000 and IMG to 16 bit (TIFF was already supported)

1.8.2 (2020-06-10)

- extends the BLK export functionality

1.8.1 (2020-02-27)

- update to Metashape 1.6.x (1.5.x is still fully supported)
- adds saveProject option to several export operators to keep Metashape internal data
- add face count parameter to TiledModel export operator
- rename Cesium 3D point cloud export files to *.zip
- improve QT-dialog loading time

1.8.0 (2019-11-31)

- provides operators in 32 and 64 bit for IMAGINE 2020 (two independent installers)
- Update to Agisoft Metashape 1.5.5 (included in installers)
- Improve Licensing process (for Metashape) when behind PROXY, use can now specify proxy settings
- Improve Licensing process (for Metashape) when using Virtual machine as floating license server
- Improve integration in Python
- bugfix: correct TypeError("Can't convert 'Metashape.PointCloud.Filter.Criterion' object to str implicitly",)

1.7.1 (2019-05-03)

- make EXIF validation more robust to support none conform EXIF header

1.7.0 (2019-04-08)

- make compatible with Agisoft Metashape 1.5.x (PhotoScan 1.4.x is still supported)
- add formats glTF and X3D to model export
- add support for multi camera, rigid multi camera and multi band recording layouts (only available when using the operators in your own models)
- add filter possibility when exporting tie points in 'Export Block File' operator (only available when using the operators in your own models)
- bugfix: fix determination of IMAGINE home path when executed in Python context

1.6.1 (2018-09-24)

- none public version for specific project
- add OSGB tile export

1.6.0 (2018-08-22)

- none public version for specific project
- add multi-camera support for project creation

1.5.1 (2018-05-09)

- fixes problem with setting access rights of configuration files (update of NSIS plugin)

1.5.0

- provides operators in 32 and 64 bit for IMAGINE 2018
- migration to Agisoft PhotoScan 1.4.x
- removes restriction to shipped version of PhotoScan (1.4.1), end user can now independently update PhotoScan
- new operators for export of:
- various 3D-Model formats,
- various Tiled-3D-Model formats,
- various Project formats,
- various PointCloud formats
- triangulation report
 - extended functionality
 - export of contour lines during DSM export
 - ports for image file creation options for mosaic and DSM operators (BigTiff, compression,...)
 - new dialog for essentials customers to allow exporting to all supported export types
 - open default IMAGINE folder when selecting input image folder in dialog

1.4.4

- change to general version of Agisoft PhotoScan Pro 1.2.7 to support floating licenses
 - new license feature required --> use PhotoScanFloatingLicensingClient_1.2.exe and PhotoScanFloatingLicensingServer_1.2.exe
 - provide IMAGINE preference to manually select installed version of Agisoft PhotoScan Pro (default: C:\Program Files\Agisoft\PhotoScan Pro)

1.4.3

- bugfix: arbitrary surface mode did not work when used from EML-dialog
- log messages in 64bit were corrupted

1.4.2

- bugfix: image selection didn't work when using 'From GPS track' in essentials dialog, no image was selected
- improve error message when no images are found in folder
- update to PhotoScan 1.2.6 (last official release before 1.3)
- bugfix: UAV Layout didn't show 'Run UAV process' button
- Migration to IMAGINE 2016 SP1

1.4.0

- provides operators in 32 and 64 bit for IMAGINE 2016
- update to Agisoft PhotoScan 1.2.5
- marker support to allow automatic measurement of ground control
- add flag to allow incomplete orientation data during validation
- support for Image Vector data format (REDcatch Std and Mono)
- improved GUI for IMAGINE UAV essentials customers to ease usage
- include orientation data file for example data
- open PDF help from ribbon interface
- multi-spectral mosaic support (use all band with no limit to band 1-3)
- include measured tiepoints when exporting to IMAGINE Photogrammetry Blockfile
- unattended Installation support