

## 2.0 - build 3770 (2021-12-13)

- Version for IMAGINE 2022
- further improvements to separate cloud shadows and dark forest areas better
- add option to create 13 band mosaics

## 1.4.3577 (2021-04-07)

- Version for IMAGINE 2020 Update 3 (backward compatibility to Update 2 and before is not guaranteed)
- significant improvements of cloud mask generation to better handle areas with very bright or dark pixels
- capturing of additional clouds and haze in a wider selection of regions and seasonal conditions
- significant improvements of the radiometric adjustment when cloud gaps are being filled
- adds full support for ATCOR-3 (including elevation repository)
- add support for scenes with sun zenith angles above 75° when using ATCOR-2 or ATCOR-3
- improve logging in batch mode, log of 'inner models' is being considered now
- change runtime to 2015-2019 AIO
- correct NODATA handling in 'gap-fill-model'

## 1.2.3396 (2020-11-13)

- explicitly convert IMAGINE:File to IMAGINE:String in mosaic model, sometimes this conversion seems to fail when executed implicitly

## 1.2.3384 (2020-10-20)

- change data correction of ATCOR results: we are now using NODATA=0 and recode single band values of 0 to 1,
  - with this change we have a consistent input for NoClouds mosaic as the original manifest is also using NoData=0

## 1.2.3355 (2020-09-16)

- improve QT-dialog loading time
- correct handling of gap filling

## 1.1.3080 (2019-12-18)

- bugfix: add search path for mosaciprocesspro command

### 1.1.3038 (2019-11-31)

- version for IMAGINE 2020 (two separate installers for 32 and 64 bit)
- reduce memory usage (use manifest.safe instead of VSK)
- improve handling of manifest file list. Parsing is more robust
- several bugfixes

### 1.0.2740 (2019-08-08)

- improve handling of existing cloud masks provided via external json file

### 1.0.2683 (2019-07-11)

- initial version for IMAGINE 2018
- Cloud-free data
- Cloud-shadow-free data
- Cloud-free and cloud-shadow-free temporal and spatial mosaics
- Country-wide mosaics
- Multi-temporal input data sets of different atmospheric conditions
- Cloud and cloud-shadow mask: raster file, 1 layer, resolution 20 metres
- Optional: atmospherically corrected data (using separate tool ATCOR Workflow for IMAGINE)
- Mosaic: raster file, selection of different band combinations, resolution 10 metres
- Possible output formats for cloud-shadow masks: img, tif
- Possible output formats for UTM tile mosaics and combined mosaic: img, tif, ecw, jp2