simactive
HIGH-END PHOTOGRAMMETRY SOFTWARE

WHY CORRELATOR3D UAV

1 Faster Processing and Improved Scalability of Mapping Operations

GPU powered and optimized, significantly reducing memory constraints associated with other photogrammetry engines

Designed for handling 400 MP images and therefore incredibly efficient at processing files from much smaller drone sensors

No more struggling with large datasets

✓ Easy processing of projects comprising 2,500 images or more with greater speed and accuracy

✓ No need for breaking datasets into blocks and no risks for data shifts between merged areas

Processing of unlimited number of images

Up to 10X faster than other engines

GET IN TOUCH

www.simactive.com
contact@simactive.com

2 Take Full Control of the Processing Workflow

NOT a black box software design

Capability to create fully automated workflows or manually configure settings within each of the processing steps below to produce optimal results.

- ✓ Aerial Triangulation and Bundle Adjustment
  Full tie-point editing and advanced bundle adjustment capabilities

- ✓ DSM
  Robust DSM/DTM editing through automated and interactive extraction tools

- ✓ Orthorectification & Mosaic Creation
  Creation of seamless mosaics with better color-balancing, less holes and other artifacts
  No intermediate point cloud needed to generate DSMs or orthomosaics

Advanced scripting functions
- ✓ Capability to customize, automate and scale workflows by scripting specific processing steps

3 Added Value with LiDAR Exploitation Capabilities

Ability to ingest, edit and visualize LiDAR data unlike other photogrammetry engines

- ✓ Easy colorization of point clouds with RGB imagery corresponding with any LiDAR data
- ✓ Use of LiDAR data as control to tie-down RGB mapping projects to absolute accuracy

COMPARISON
WITH OTHER DRONE TOOLS

simactive		OTHERS
45 minutes	Processing time (300 images @ 20MP)	Up to 10 hours
No limit	Maximum number of images	Few hundreds
Full	Control AT accuracy	Limited, black-box approach
Advanced	DTM extraction	Limited to none
Extensive	Editing capabilities	Limited

ONE SOFTWARE INTERFACE FOR ALL SENSORS

DRONE
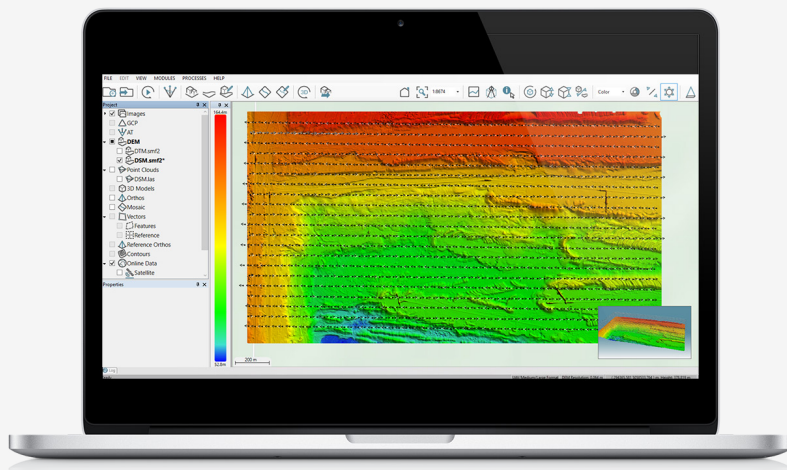Bringing the precision of large format camera photogrammetry to drone mapping

AIRCRAFT
High accuracy and performance for photogrammetry experts

SATELLITE
Rapid mapping of large areas covering any kind of terrain

LICENSE OPTIONS
MONTHLY, YEARLY OR PERMANENT

- ✓ TRIAL OPTIONS:
  FREE UAV TRIAL
  FREE IMAGE PROCESSING
- ✓ PC | CLOUD INSTALLATION
- ✓ NODE-LOCKED | FLOATING

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