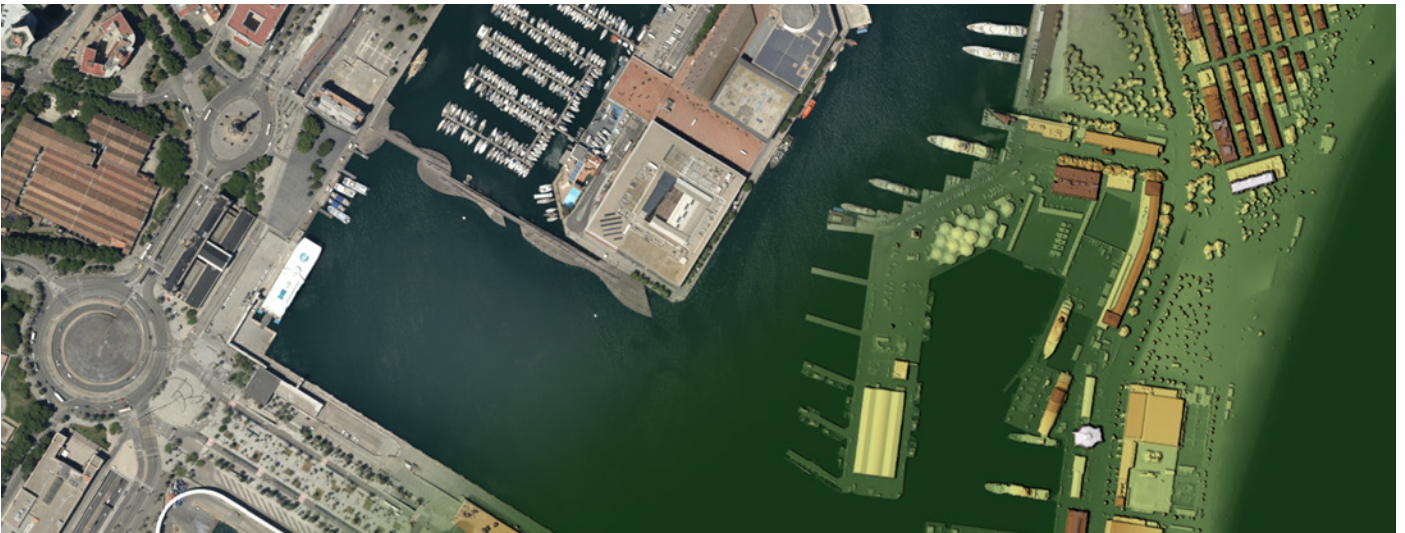


Release Notes

ULTRAMAP

version 6.0



1. Highly automated handling of water in DSM, DTM & orthomosaics

Benefit from UltraMap's holistic approach in which the new sophisticated best-in-class water handling strategy is enhancing the quality of nearly every product throughout the all-in-one photogrammetric workflow. Produce DSMs, DTMs and orthophotos of even higher quality significantly faster with a more intuitive manual effort.

- Efficiently quality control and edit the automatically generated water mask in the new Water Mask & Geometry Editor
- Import and export vectorized water masks and geometry to re-use in next collection for accelerated data processing
- Produce seamless orthomosaics over land and water highly automated for large-scale projects
- Create homogenous water surfaces in orthomosaics with the updated Seamline & Blending Mask Editor
- Obtain highly accurate, more robust and automatically generated DSM results



2. Enhanced Ortho module performance

UltraMap helps users keep pace with the ever-increasing amounts of data by constantly optimizing its performance for most efficient large-scale data production. UltraMap v6.0 introduces new and more effective file management, leading to faster loading times and faster viewing speed and saving of products in the Ortho Viewer.

- Faster loading, viewing and saving of all ortho products in the Ortho Viewer
- Faster loading and saving in the Heightfield Editor
- Speed up opening and saving with smaller project files
- Export ortho data of even larger mapsheets faster
- Quality control your products with new tools that support an even more comprehensive understanding and handling of your data
- Get there faster with an updated user interface, optimized for best user experience

3. Redesigned Ortho reprocessing workflow

Our widely adopted and highly efficient UltraMap approach to data interaction and processing has been incorporated into the revised Ortho reprocessing workflow.

- Reprocess edits across all ortho products in an even more concise and targeted manner in the Ortho Module
- Process when it suits you with the re-introduced processing queue
- Maintain flexibility in the editing process with the new undo/redo edit options

4. Next Generation Processing

Retain all pixel information from exposure to the final data product in higher quality and more efficiently than before.

- Produce stunning imagery from panchromatic and Bayer Pattern sensors for best noise performance and perceived sharpness using our new proprietary True Pixel Processing (TPP) approach
- Handle large image sizes of UltraCam Eagle 4.1 and UltraCam Condor 4.1 more efficiently through improved memory management for raw processing and ortho export

5. Support for UltraCam Eagle 4.1