

## RELEASE NOTES – OrthoMaster 5.5.0

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### OrthoMaster 5.5.0

#### **New Function: Using Image Pyramids Depending on Output Resolution**

Depending on the desired output resolution of orthophotos, OrthoMaster is using image pyramid levels that suit best to ensure highest quality at maximum performance.

#### **New Function: Selection of color channels for ortho output**

Different color channels or combinations of color channels can be defined being rectified into orthos. Like in OrthoVista it is possible to simultaneously create different versions of orthos e.g. RGB and CIR for multichannel images.

#### **New Function: multiple ortho areas per image**

OrthoMaster now allows having multiple ortho areas defined per image to rectify orthos.

#### **New Function: Multithreading up to 8 cores per license**

All modules are extended to 8 core multithreading per single license. This enhancement increases performance and profitability due to latest hardware developments.

#### **New Function: ADS pyramid generation can be switched off**

“No Overviews” option is available for ADS projects too.

#### **New Function: Combination of parallel processing and TPIX DTM**

Parallel processing can be used also if the DTM is TPIX.

#### **New Function: Ortho area shape file export**

In addition to text and dxf file ortho areas can be exported in ArcInfo shape file format.

## RELEASE NOTES – OrthoMaster 5.5.0

### **New Function: Footprint export**

Image footprints can be exported in shape file format.

### **New Function: Background map import in shape file format**

Background map can be imported also in ArcInfo shape file format.

### **New Function: Batch capability throughout all modules – UAS processing**

The complete Inpho software environment can now be used in command-line batch mode. Refer to the single module to learn about individual changes. The extension of batch capability basically was necessary to be able to run e.g. UAS project in a “black-box” mode. This capability is, however, also available for any other project. Photogrammetric data can therefore now be processed in one single run from estimation of better EO approximation, automatic aerial triangulation, camera re-calibration, automatic point-cloud generation, ortho generation and mosaicking.

Restriction: the DTMTToolkit functions cannot yet be started in batch.

### **Information: Restriction in Lite and Education Versions**

Inpho modules are restricted to blocks up to 250 frame images or 12 pushbroom images, no batch processing (no sub-block or sub-area computations) and limited performance (no multithreading).

Match-AT Lite: restricted to blocks up to 250 frame images and restricted performance (no multithreading), no sub-blocks.

Education versions are for educational purpose, only. Any commercial use is not permitted.

Should you have any questions regarding the technical details of software, please contact your Support Team at [support@inpho.de](mailto:support@inpho.de).