PHOTOGRAMMETRY AGISOFT METASHAPE

Overview of Tools and Menu Bars for Getting Started
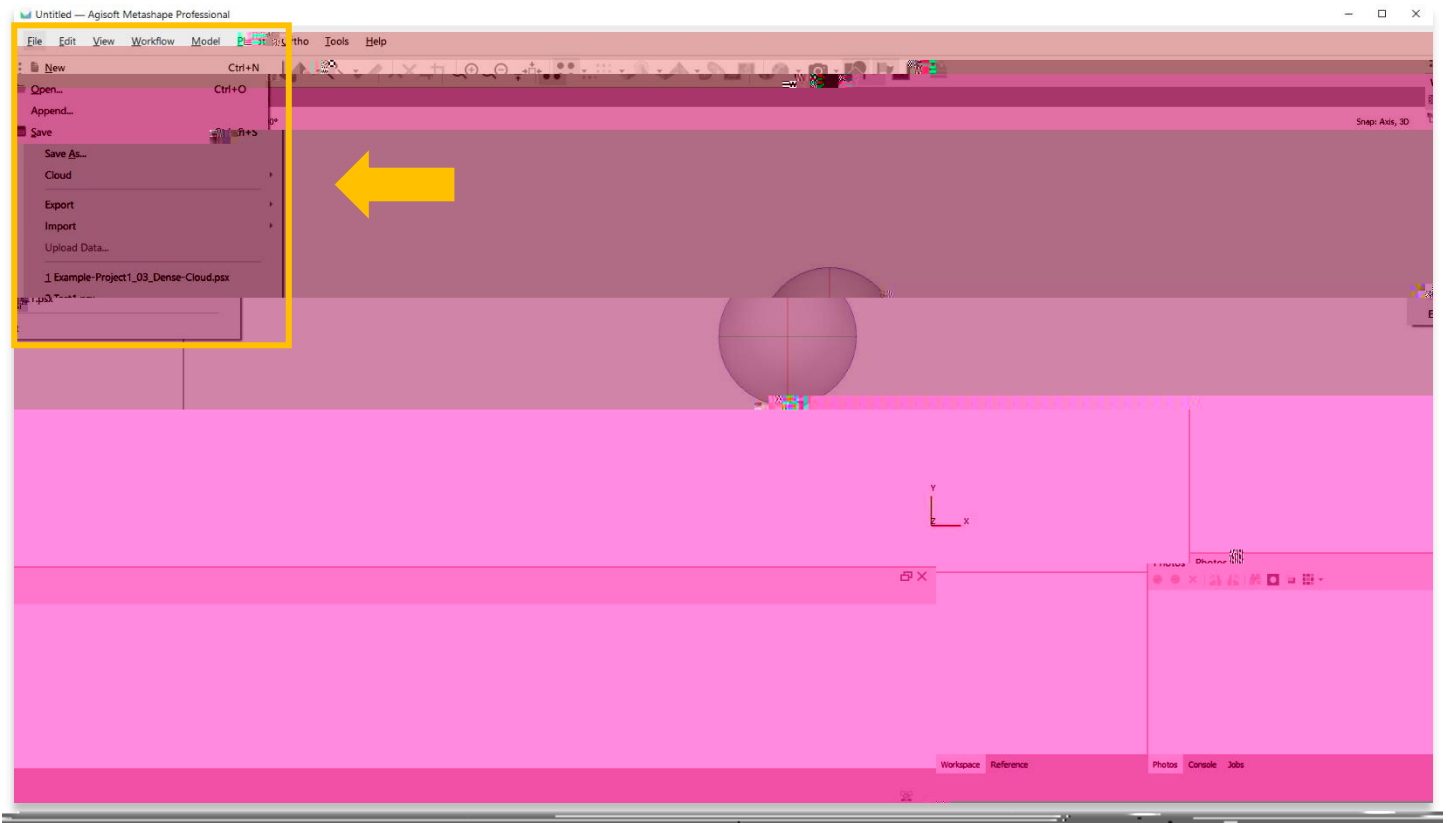(Professional Edition) (04.05)

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[Agisoft Metashape](#) is a stand-alone software product that performs photogrammetric processing of digital images and generates 3D spatial data to be used in GIS applications, cultural heritage documentation, and visual effects production as well as for indirect measurements of objects of various scales. This software provides a platform for cultural heritage specialists to create virtual reality scenes, textured 3D meshes, orthographic projections, geo-referenced maps and much more from images and/or laser scans completely automatically.

This   will provide an overview for some of the tools and menu bars for getting started with Agisoft Metashape Professional on a Windows desktop. ˚ o\ k   ˙   ˙U   ˙   ˙   ˙   ˙) ˙   ˙   ˙
orthophotos of objects, monuments, and architecture during cultural heritage surveys through the eastern Mediterranean and northern Africa. ASOR plans to expand the scope of its photogr

2. Within the _____, users can:
   a. Create a New Metashape project
   b. Open an existing Metashape project
   c. Save/Save As
   d. Connect to a cloud storage
   e. Export & Import numerous file types and datasets, including images, camera locations, ground control points, cloud models, meshes, surfaces, DEMS (and any other type of file compatible with Metashape)
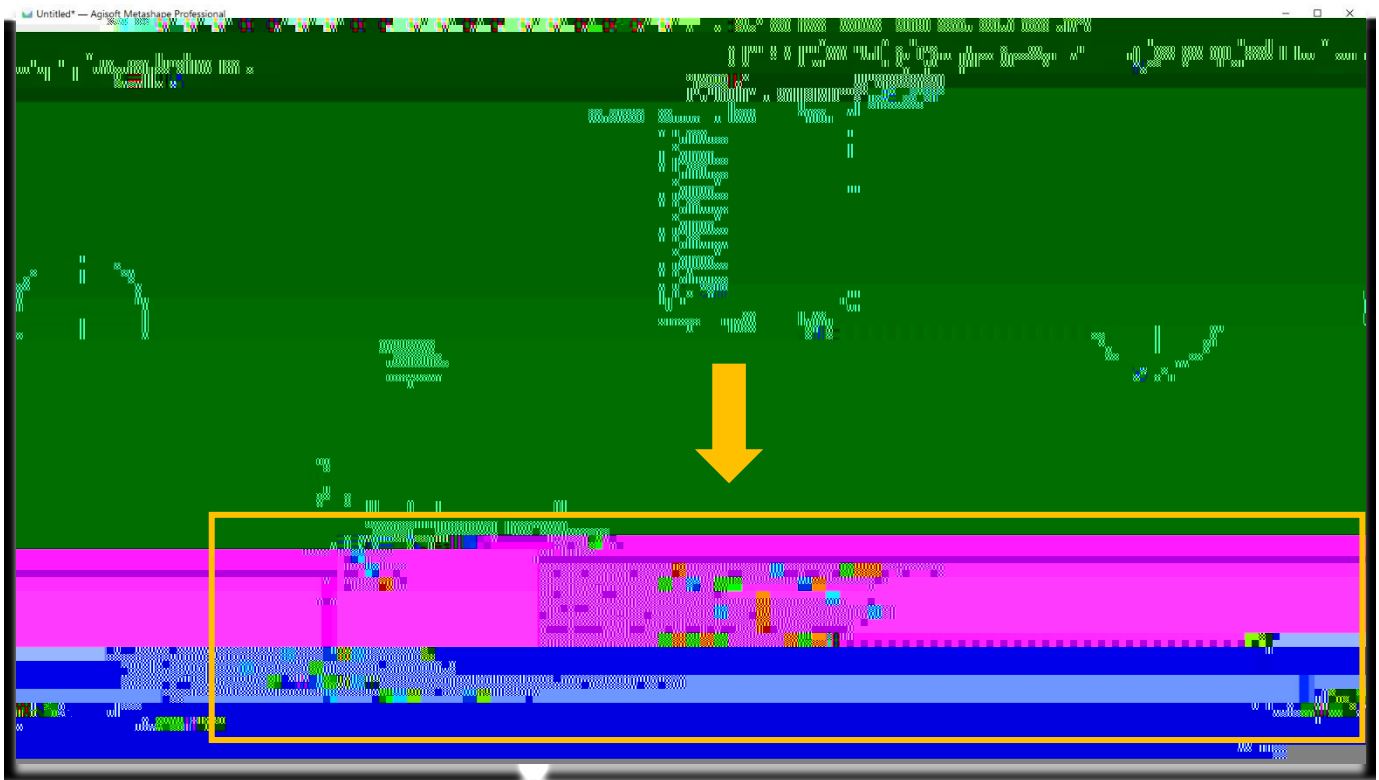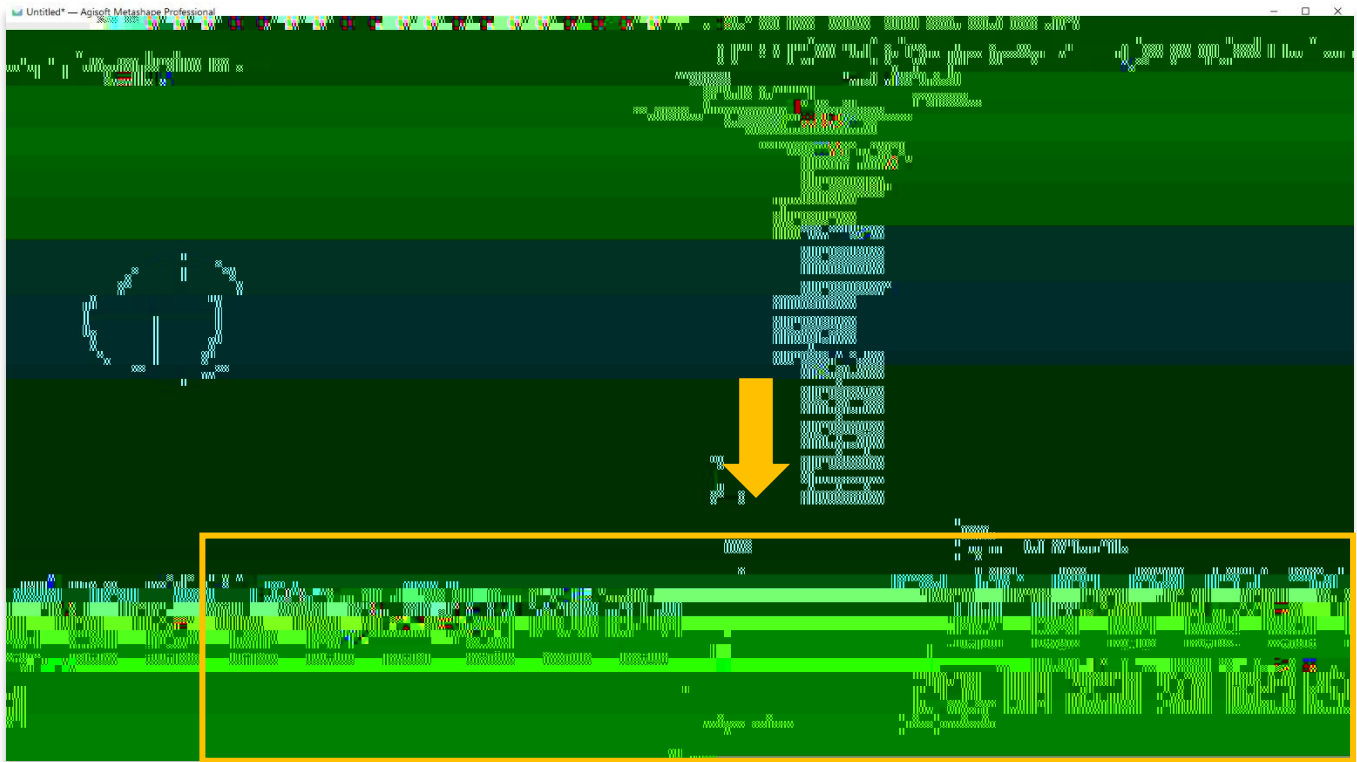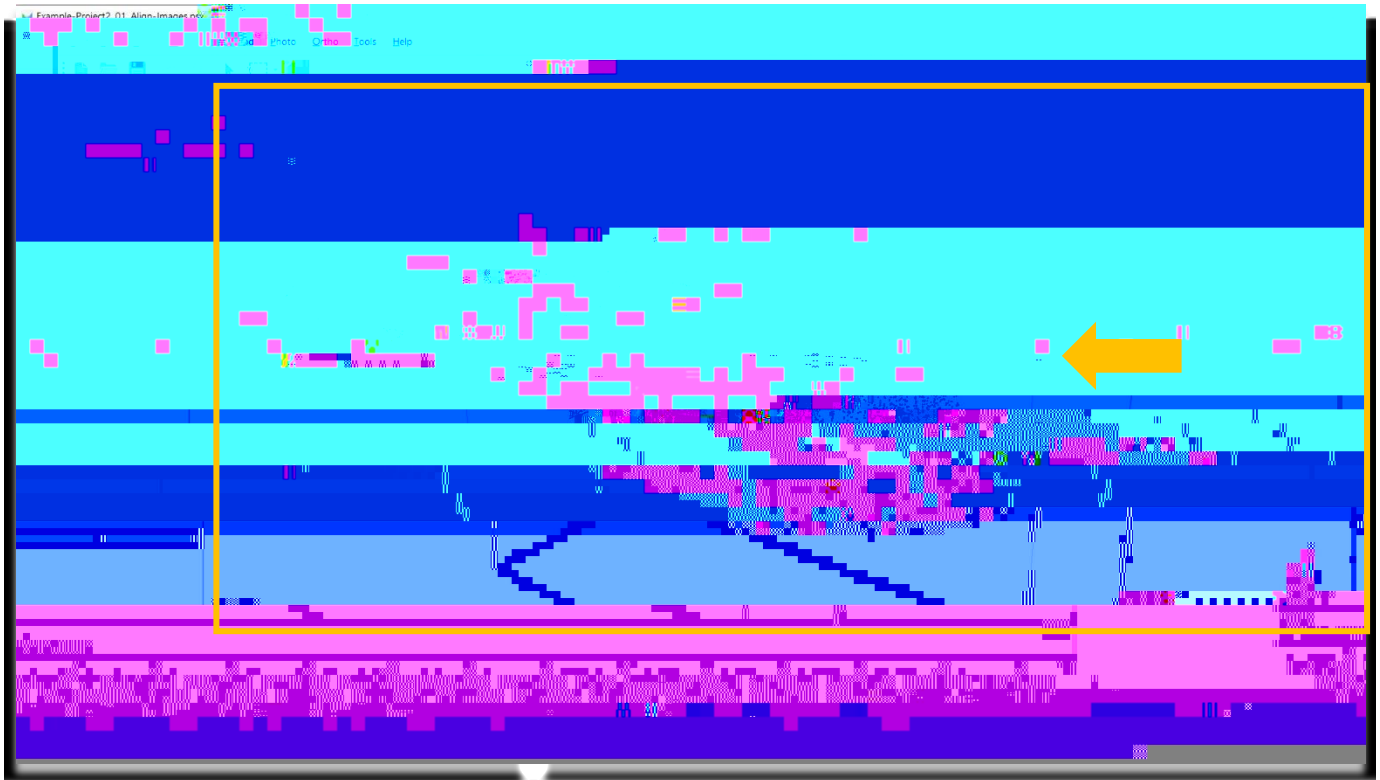
File Edit View Workflow Model Photo Ortho Help

New Ctrl+N
Open... Ctrl+O
Append...
Save Ctrl+S
Save As...
Cloud
Export
Import
Export Points...

Snap: Axis, 3D

1 Example-Project1_03_Dense-Cloud.psx
2 Test1.psx

Exit

File Edit

Open... Ctrl+O
Append...
Save Ctrl+S
Save As...
Cloud
Export
Import
Upload Data...

Import Cameras...
Import Masks

3. The most commonly-used menu when creating 3D models and orthophotos is the   . Options are greyed out (i.e. ˚   ‥   ˮ   ˙)   ˙#   ˙   ˙   ˙   beforehand. In the example below, users can only   s or   (containing photos) before moving on to the next step of aligning selected photos.

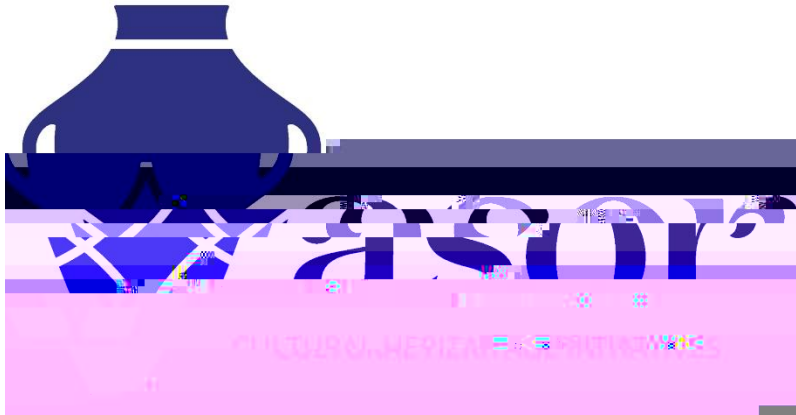4. The left panel can toggle between   view and

5. The bottom panel can toggle between   view,   view, and   view. In the   view you can select and edit individual photos that have been added to a project.   provides details about your computer and its ability to process new processes, while   provides a running log of processes completed during the project.

6. The main panel will display your point cloud and models depending on which step in the process you are in. in the main panel will display an ortho projection only after an orthomosaic has been created using the menu.

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