PHOTOGRAMMETRY – AGISOFT METASHAPE

Downloading and Installing

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 cover how to download and install Agisoft Metashape on a Windows desktop.

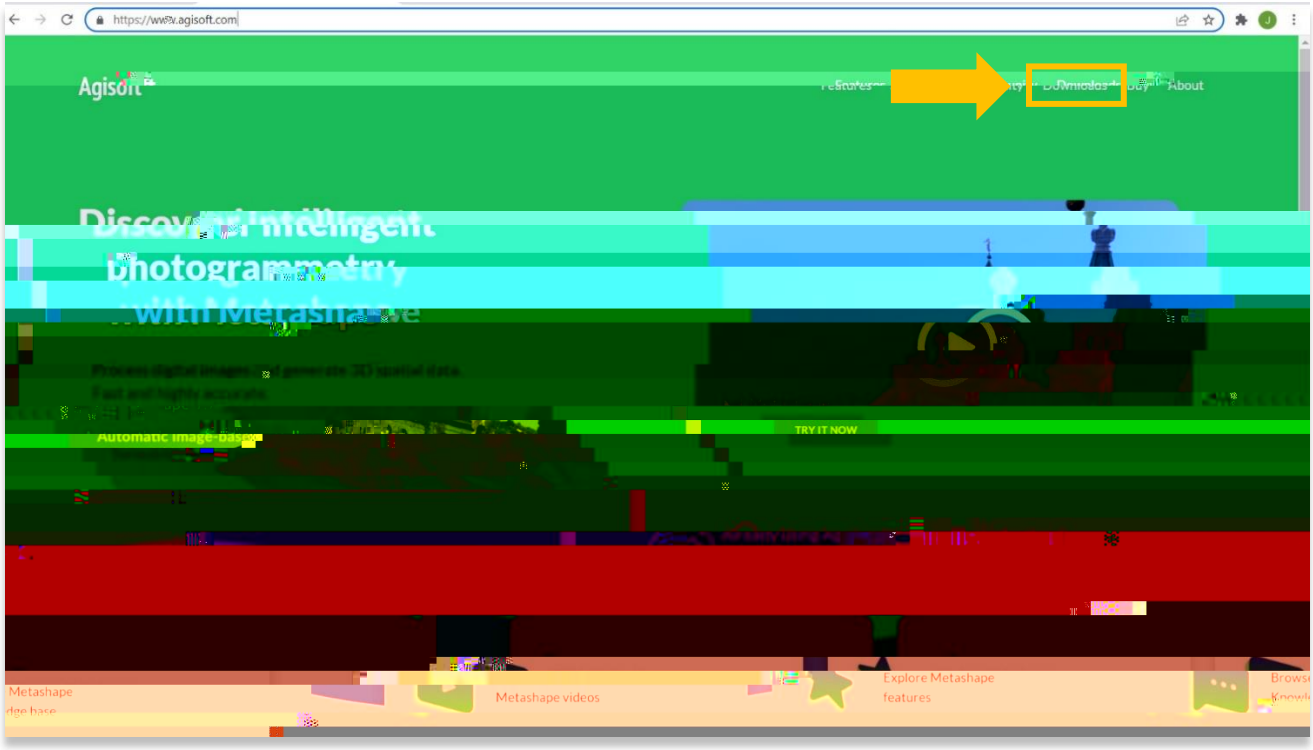
Before installing Metashape on your computer, you should ensure that your computer has the necessary capabilities to run the program. An inadequate hardware setup will result in your Metashape software stalling or crashing when attempted to process large renderings. The primary considerations are:

1. – 8GB of RAM or higher is recommended for using Metashape and avoiding system crashes.
2. – Higher than 1.9 GHz is recommended, although not required. Metashape might run slow at lower levels.
3. – This is dependent on your datasets, but 1GB or more of storage would provide ample space.

1. Click on the Windows Start button
2. Click on Settings (the gear icon)
3. In the Settings menu, click on System
4. Scroll down and click on About
5. On this screen, you should see specs for your processor, Memory (RAM), and other system info, including Windows version

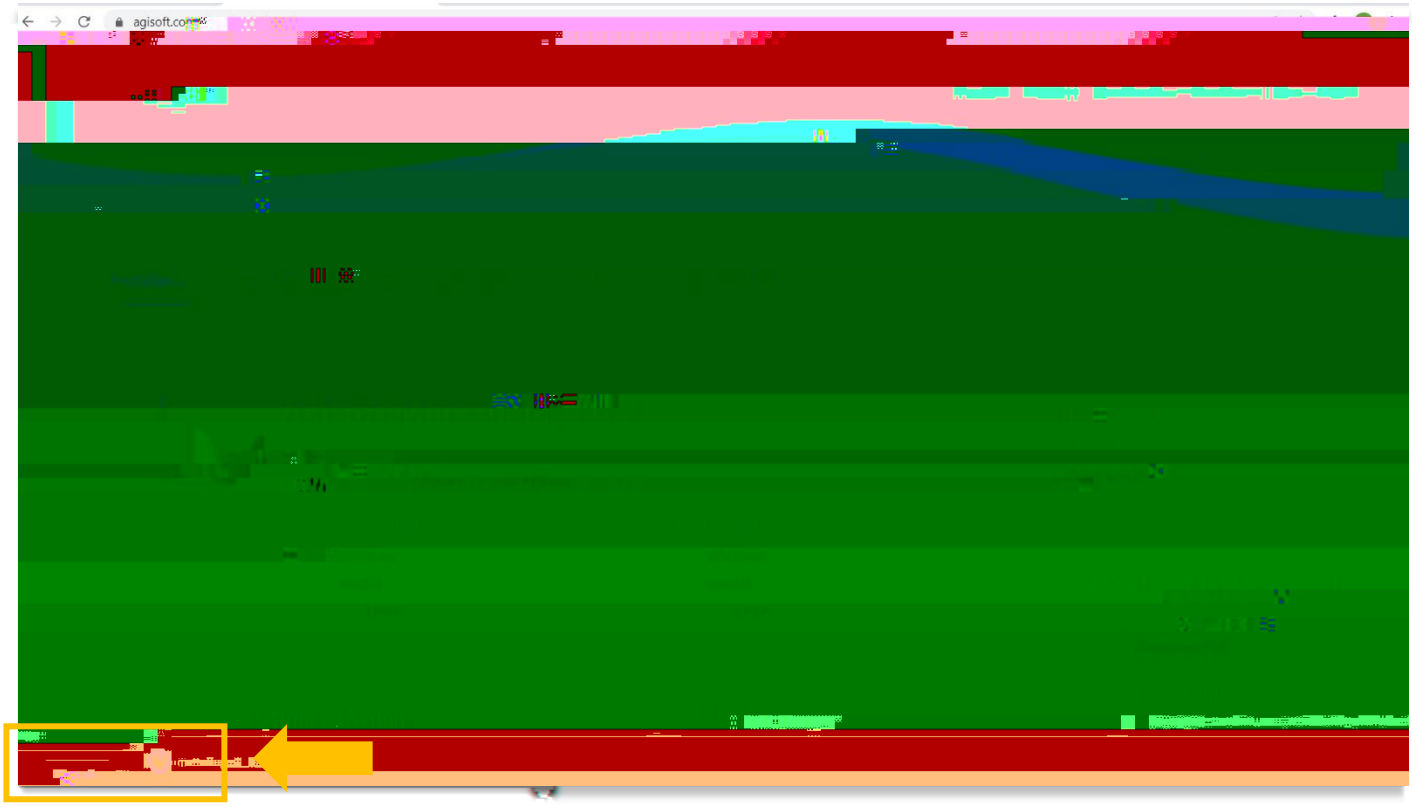
1. From the desktop find the icon that is labeled “My Computer”. Right-

1. Open the Agisoft Metashape website through a web browser (recommend using chrome for this step): https://www.agisoft.com/. Click the link from the top menu bar.

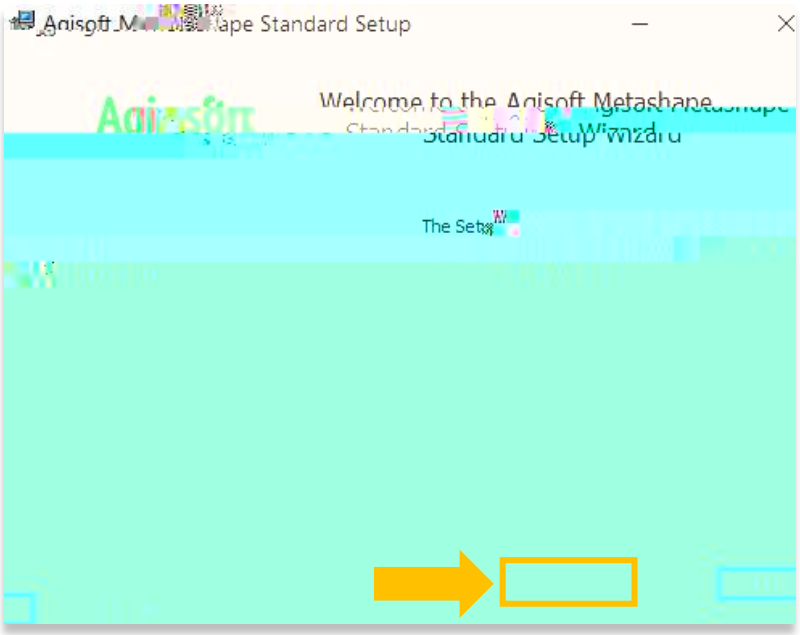


2. You will be directed to the Downloads page. You can choose either the or the . The Professional version includes many more features that help with aerial mapping and landscape surface construction, which depending on your project may not be necessary. Here are some of the differences between the two programs:

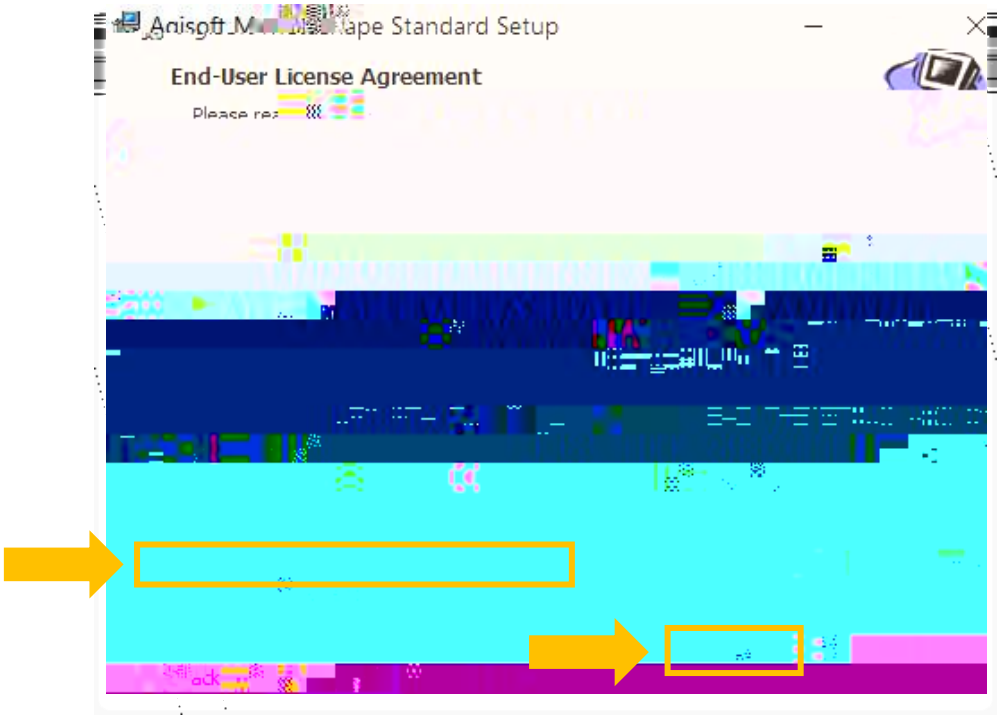
4. The software installer will automatically download to your computer. Look for the file (.msi file type) at the bottom of your browser or in the local file directory on your computer. Begin the installation by double-clicking on the installer file.



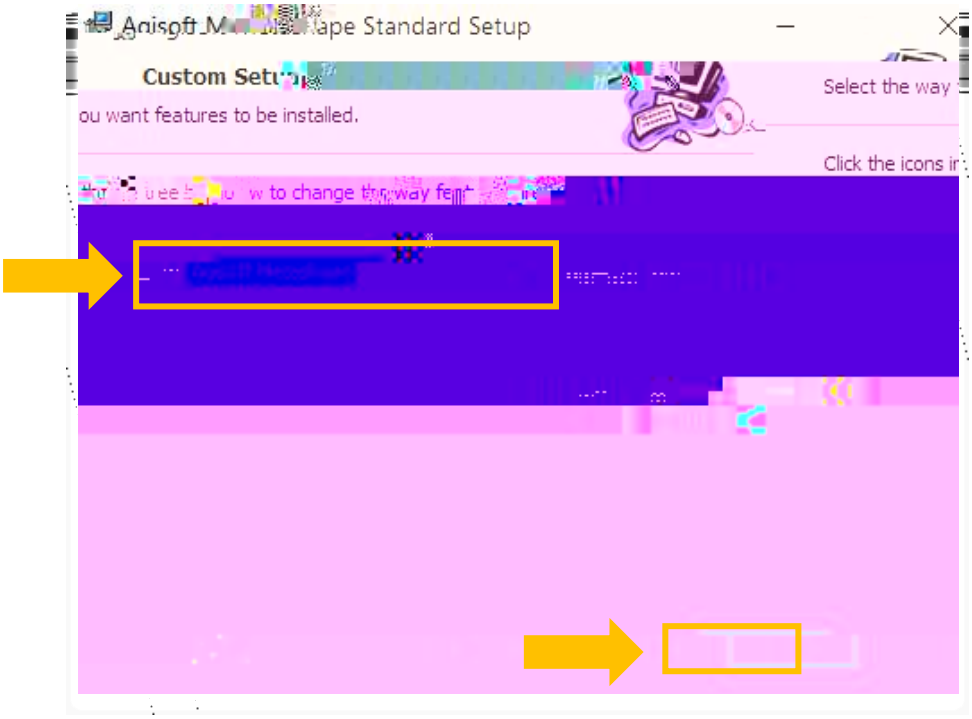
5. Once the installer opens, select to begin the installation.



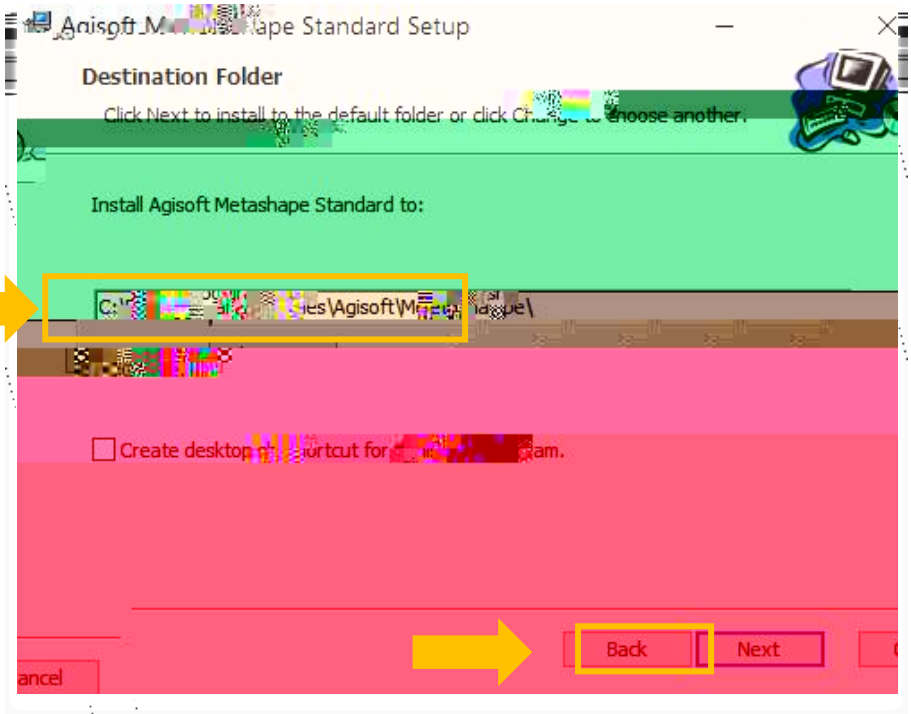
6. Read the End User License Agreement and check, “I accept the terms in the License Agreement.” Select .



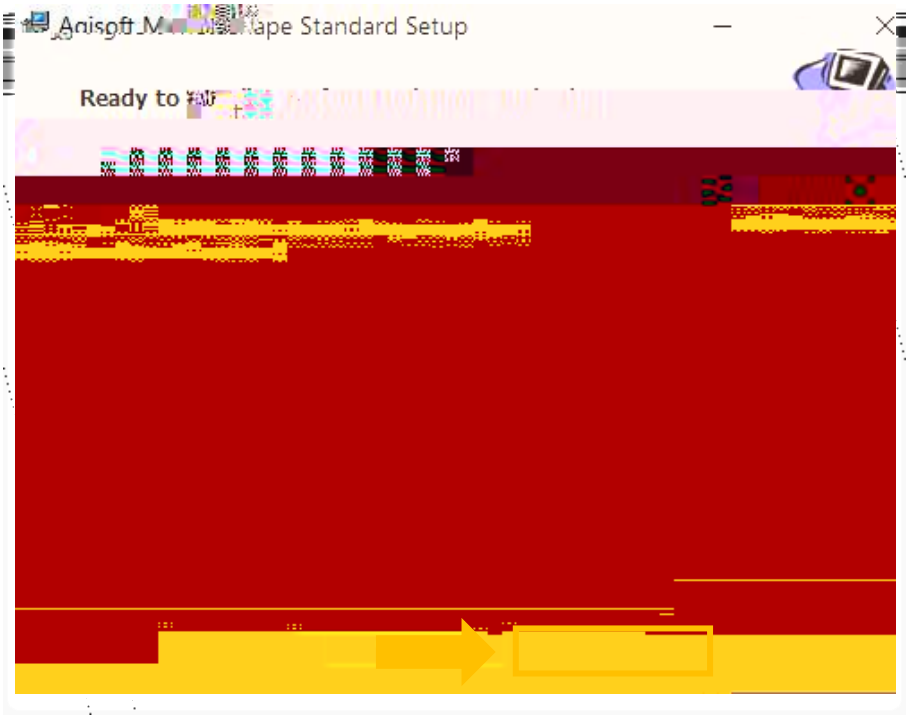
7. Highlight Agisoft Metashape from the list then select .



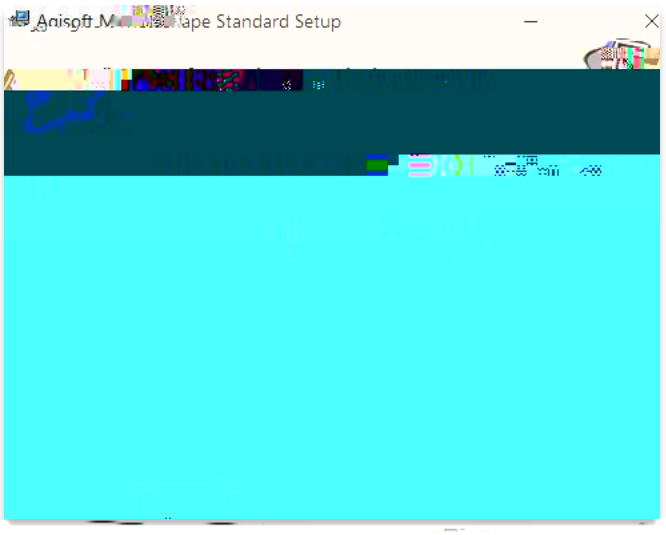
8. Choose the file directory location from your computer to install Metshape. It is recommended to choose . Select .

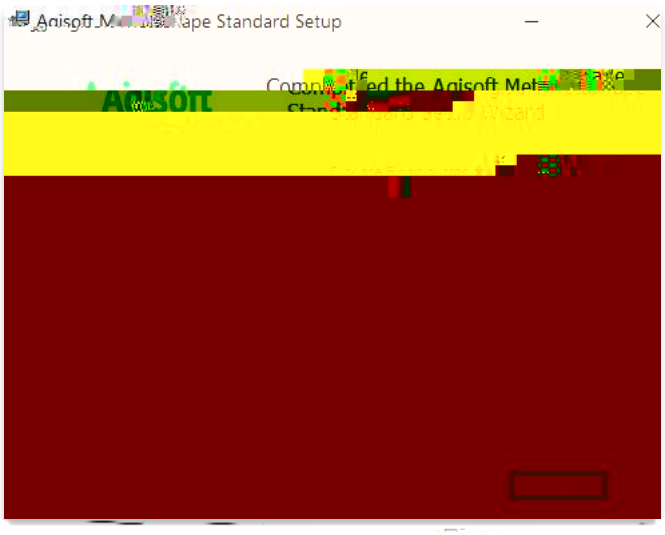


9. Click .

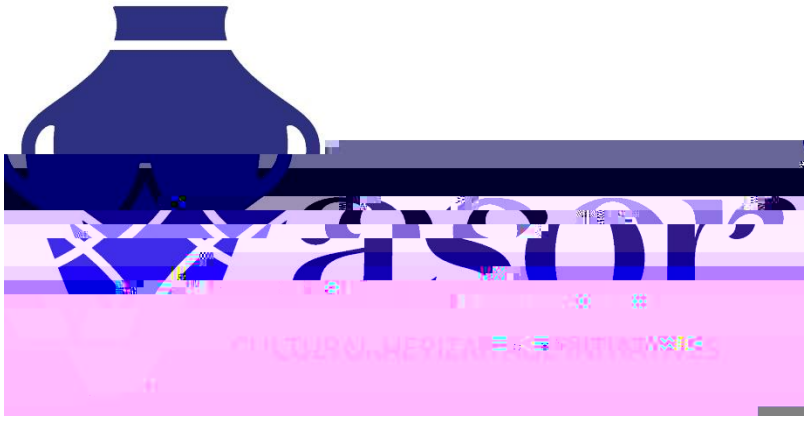


10. The installation process may take a few minutes to complete. Once finished, select the button.





11. Once installed and opened, you will be prompted to select from one of three options:
    1. Activate Metashape Standard using a valid license code (purchase on the Agisoft website and receive license code)
    2. Start a free 30-day trial
    3. Continue using Metashape in demo mode (cannot save projects)



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