



Drone2Map for ArcGIS

What Will Your Drone Do for You?

Drone2Map for ArcGIS® turns drones into enterprise GIS productivity tools that create professional-quality imagery products in ArcGIS to visualize, analyze, and fully exploit the data hidden in your imagery. Drone2Map for ArcGIS is powered by the industry-leading ArcGIS platform.

Imagery Products in ArcGIS, On Demand



Enable Smarter Decision Making

Reduce uncertainty and enable smarter decisions by bringing high-quality drone imagery to your users in a fraction of the time.



Get Imagery on Demand

Turn your drone into an enterprise GIS productivity tool and drone data into ready-to-use GIS imagery whenever you need it.



Advanced Features Made Easy

No more fussing over cache parameters, taking too long on QA/QC, or running the same processes over and over again.



Create Professional Imagery Products in ArcGIS

Drone2Map for ArcGIS turns your drone-captured imagery into orthomosaics, point clouds, 3D meshes, and more, inside ArcGIS.

How It Works

1

In the Field

Fly your drone and then use Drone2Map for ArcGIS to inspect your images while still in the field. It rapidly processes your imagery so you know immediately if you captured everything successfully—saving you a trip back to the field.

2

In the Office

Drone2Map for ArcGIS detects your camera and sensor parameters and intelligently applies the right defaults. It turns your drone-captured still imagery into stunning information products inside ArcGIS, where they can be used immediately.

3

In ArcGIS

Using the 2D and 3D imagery products created using Drone2Map for ArcGIS, immediately get a clear and accurate picture of your assets. Communicate the condition of an asset or area. Analyze your data to gain insight. Share your information so others can be on the same page.

You can do all this in a way you are familiar with using ArcGIS. Use imagery created by Drone2Map for ArcGIS together with the many capabilities in the ArcGIS platform, including 3D modeling, and basemaps to unlock the information hidden in your imagery. The sky is the limit.

Create Stunning Information Products

2D Imagery Products

Produce seamless orthomosaics and derived information products such as Digital Surface Models and Normalized Difference Vegetation Index (NDVI). Drone2Map for ArcGIS automatically stitches images together and places them accurately onto a map. Inside ArcGIS, you can use world-class server technology to create dynamic image services with on-the-fly analytical capabilities.



3D Imagery Products

Turn your imagery into point clouds and 3D meshes inside ArcGIS. Use them immediately for feature extraction and modeling. Easily share 3D meshes as portable 3D PDFs.



Inspect Assets

View your assets from all angles with this unique capability of Drone2Map for ArcGIS. Inspect fixed assets that may be difficult to access. Visualize imagery from multiple points of view in its native resolution.

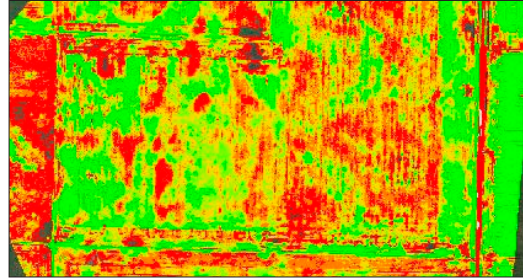


Visit esri.com/drone2map

Ways It Is Used

Land Analysis

Drones provide an affordable means of capturing images of natural and man-made land-based features and areas that may be difficult to access or fully cover because of size or terrain.



Infrastructure Inspection

Inspection of critical infrastructure using drones is a growing practice that improves the ability to inspect fixed assets, including those that span vast areas.



Monitoring

Drones are perfectly suited for monitoring scheduled events, environmental changes, the impact of natural disasters, and more.

