**Automated Drone Workflow GP Tool Documentation**

This GP tool finds the following file extensions (.lasd, .vrt, and .slpk) in the output product folder and publishes the products as a Tile Package (.vrt files) or a Scene Layer Package (.slpk or .lasd files). Files with the extension .vrt will be converted to a .crf file before being uploaded as a tile package to AGOL.

The products from the workflow will be published to AGOL as Tile Package (DSM, DSM\_Mesh, or True Ortho outputs) or a Scene Layer Package (Mesh or Point\_Cloud outputs).

Scene Layer packages (.slpk) contain a cache of a building, a multipatch, an integrated mesh, a point, or a point cloud dataset.

Tile packages (.tpk) contain a set of tiles (images) from a map or raster dataset that can be published as a web tile or web elevation layer. Alternatively, you can use the tile package as a basemap in ArcGIS applications.

Once these products are published to the user’s AGOL they can publish these packages as a Scene Layer, Tile Layer, or Elevation Layer.

A screenshot of a computer

Description automatically generated

Workflow Output Products

This is what the tool will look like when the user opens it. The two inputs are required to run the tool. This tool will publish your output products from the Drone Workflow. The user will input the folder containing the product they wish to publish to their AGOL account, and they will specify a name for the package to be shared.

A screenshot of a computer

Description automatically generated

The product outputs will be located in the “Results” Folder. For example, if the user wants to publish the Point\_Cloud product to their AGOL account, the user will input the Point\_Cloud folder into the GP tool. The only exception will be publishing the DSM. The user will need to navigate into the DSM folder and select the “tif” folder.

Hovering over the “i” will provide the user with more information on what to input into each parameter.

A screenshot of a computer

Description automatically generated

A white box with black text

Description automatically generated

After the products are published to AGOL, the user will need to find their published package and click the “Publish” button to publish the package as Scene Layer, Tile Layer, or Elevation Layer.

A screenshot of a computer

Description automatically generated

A white sheet with black lines

Description automatically generated

A screenshot of a computer

Description automatically generated