

PanunTools - ArcGIS Pro License Requirements

Toolset	Tool	License Level Required
Daily Workflow	Calculate Containment	Basic <ul style="list-style-type: none"> • Contained vs Uncontained Advanced <ul style="list-style-type: none"> • Inspect Alignment <ul style="list-style-type: none"> ○ <i>arcpy.PolygonToLine_management()</i> ○ <i>arcpy.Erase_analysis()</i> • Contained vs Exterior Length <ul style="list-style-type: none"> ○ <i>arcpy.PolygonToLine_management()</i> ○ <i>arcpy.Erase_analysis()</i>
	Calculate Ownership	Basic
	Create Fire Perimeter Export	Basic
	Create Fire Progression	Basic
	Dissolve Explode Perimeter Line	Basic
	GISS Workflow Assistant	Spatial Analyst <ul style="list-style-type: none"> • Insert ElevFeet <ul style="list-style-type: none"> ○ <i>arcpy.sa.ExtractValuesToPoints()</i>
	PDF Georeference Check	Basic
	PDF Multi Export	Basic
	Update Perimeter IR	Basic <ul style="list-style-type: none"> • Isolated Heat • Intense Heat • Scattered Heat Advanced <ul style="list-style-type: none"> • Inspect Growth/Reduction <ul style="list-style-type: none"> ○ <i>arcpy.Erase_analysis()</i> ○ <i>arcpy.PolygonToLine_management()</i> • Check Alignment of Contained Features <ul style="list-style-type: none"> ○ <i>arcpy.Erase_analysis()</i> • Heat Perimeter <ul style="list-style-type: none"> ○ <i>arcpy.PolygonToLine_management()</i> ○ <i>arcpy.Erase_analysis()</i>

Data Download	Base Data Acquisition	<p>Basic</p> <ul style="list-style-type: none"> • USGS Topo Vector • SMA <p>Standard</p> <ul style="list-style-type: none"> • NAIP Imagery <ul style="list-style-type: none"> ○ <i>arcpy.CreateMosaicDataset_management()</i> ○ <i>arcpy.AddRastersToMosaicDataset_management()</i> ○ <i>arcpy.DefineMosaicDatasetNoData_management()</i> ○ <i>arcpy.BuildFootprints_management()</i> • DEM 10m & 30m <ul style="list-style-type: none"> ○ <i>arcpy.CreateMosaicDataset_management()</i> ○ <i>arcpy.AddRastersToMosaicDataset_management()</i> ○ <i>arcpy.BuildOverviews_management()</i> <p>Advanced</p> <ul style="list-style-type: none"> • USGS Topo Raster 100k & 250k <ul style="list-style-type: none"> ○ <i>arcpy.FeatureVerticesToPoints_management()</i> <ul style="list-style-type: none"> ▪ <i>Requires Advanced License</i> ○ <i>arcpy.AddRastersToMosaicDataset_management()</i> <ul style="list-style-type: none"> ▪ <i>Requires Standard License</i> ○ <i>arcpy.CreateMosaicDataset_management()</i> <ul style="list-style-type: none"> ▪ <i>Requires Standard License</i> <p>Standard & Spatial Analyst</p> <ul style="list-style-type: none"> • USFS Topo Raster 24 <ul style="list-style-type: none"> ○ <i>arcpy.AddRastersToMosaicDataset_management()</i> <ul style="list-style-type: none"> ▪ <i>Requires Standard License</i> ○ <i>arcpy.CreateMosaicDataset_management()</i> <ul style="list-style-type: none"> ▪ <i>Requires Standard License</i> ○ <i>arcpy.sa.Combine()</i> <ul style="list-style-type: none"> ▪ <i>Requires Spatial Analyst</i> • Raster Hillshade 10m & 30m <ul style="list-style-type: none"> ○ <i>arcpy.sa.Hillshade()</i> <ul style="list-style-type: none"> ▪ <i>Requires Spatial Analyst</i> ○ <i>arcpy.BuildPyramids_management()</i> <ul style="list-style-type: none"> ▪ <i>Requires Standard License</i> <p>Spatial Analyst</p> <ul style="list-style-type: none"> • Vector Hillshade 10m & 30m <ul style="list-style-type: none"> ○ <i>arcpy.sa.RemapRange()</i> ○ <i>arcpy.sa.Reclassify()</i>
	Feature Layer Download	Basic
	Feature Service Attachment Download	Basic
	Feature Service Backup	Basic

Incident Setup	Create Event Point Numbering Guide	Basic
	Create Operations Grid	Basic
	Incident Setup AGOL	Basic
	Incident Setup ArcGIS Pro	Basic
	Invite Remove Users AGOL	Basic
Miscellaneous	Bookmarks to Index Feature Class	Basic
	Create Content Summary AGOL	Basic
	Create Group Member List AGOL	Basic
	Summarize Folder Files	Basic
	Topo Raster 24K Symbolize	Basic