Outputs by Software Type

Software	Use
Global Mapper	
Densified Point Cloud (.las, .laz, .xyz)	Visualization
Grid DSM (.las, .laz)	Visualization
Classified Point Cloud (.las, .laz, .xyz)	Visualization
Raster DSM (GeoTIFF)	Contour line generation
	Distance, area and volume measurements
	Comparing the volume of two DSMs
	3D digitization
Raster DTM (GeoTIFF)	Contour lines generation
	Distances and areas measurements
Orthomosaic (GeoTIFF)	Distance and area measurements
	2D digitization
Index Map (GeoTIFF)	Visualization
	Color Editing
Contour lines (.shp, .dxf)	Visualization
	Editing
3D Textured Mesh (.obj)	Visualization
3D Digitized objects (.shp, .dxf)	Visualization
	Editing
ArcGIS	
Densified Point Cloud (.las)	Visualization
Grid DSM (.las)	Visualization
Classified Point Cloud (.las)	Visualization
Raster DSM (GeoTIFF)	Contour line generation
	Distances, area and volume measurements
	Comparing the volume of two DSMs
	3D digitization
Raster DTM (GeoTIFF)	Contour lines generation
	Distances and areas measurements
Orthomosaic (GeoTIFF)	Distance and area measurements
	2D Digitization
Index Map (GeoTIFF)	Visualization
	Color Editing
Contour lines (.shp, .dxf)	Visualization
	Editing
3D Digitized objects (.shp, .dxf)	Visualization
	Editing
Quantum GIS	
Raster DSM (GeoTIFF)	Contour line generation
	Distance and area measurements

Raster DTM (GeoTIFF)	Contour lines generation
	Distances and areas measurements
Orthomosaic (GeoTIFF)	Distance and area measurements
	2D Digitization
	NDVI calculation
Index Map (GeoTIFF)	Visualization
	Color Editing
Contour lines (.shp, .dxf)	Visualization
	Editing
3D Digitized objects (.shp, .dxf)	Visualization
	Editing
AutoCAD	
Densified Point Cloud (.xyz)	Visualization
Grid DSM (.xyz)	Visualization
Classified Point Cloud (.xyz)	Visualization
Orthomosaic (GeoTIFF)	Distance and area measurements
	2D Digitization
3D Textured Mesh (fbx)	Visualization
Contour lines (.dxf)	Visualization
	Editing
3D Digitized objects (.shp, .dxf)	Visualization
	Editing
MicroStation	
C3D Digitized objects (.dng)	Visualization
	Editing
Rhino	
3D Textured Mesh (.obj, .fbx)	Visualization
3ds Max	
3D Textured Mesh (.obj, .fbx)	Visualization
Quick Terrain Reader	
Densified Point Cloud (.las, .laz)	Visualization
Grid DSM (.las, .laz)	Visualization
Classified Point Cloud (.las, .laz)	Visualization
VRMesh	
Densified Point Cloud (.las, .ply)	Visualization
	Point cloud classification
Grid DSM (.las)	Visualization
	Point cloud classification
Classified Point Cloud (.las, .ply)	Visualization
Meshlab	
Densified Point Cloud (.ply)	Visualization
Classified Point Cloud (.ply)	Visualization
3D Textured Mesh (.obj,.ply)	Visualization

Outputs by Software Type

Google Earth	
KML Google tiles (orthomosaic)	Visualization
KML Google file (Colored Index Map)	Visualization
	In the field inspection
Google Maps	
HTML Google tiles	Visualization
Farm Works	
Grid Index Map Shapefile (.shp)	Agriculture applications
Blender (makerbot)	
3D Textured Mesh (.ply)	Turn mesh into a 3D printable object (print using makerbot)
Meshmixer	
3D Textured Mesh (.ply)	Turn mesh into a 3D printable object (use ReplicatorG to prepare for 3D printing)
Adobe Acrobat Reader	
Contour lines (.pdf)	Visualization
3D Textured Mesh (.pdf)	Visualization
LAStools	
Densified Point Cloud (.las, .laz)	DTM Generation
Grid DSM (.las, .laz)	DTM Generation
Sketchfab	
Densified Point Cloud (.ply)	Web viewing and sharing
Classified Point Cloud (.ply)	Web viewing and sharing
3D Textured Mesh (zipped .obj)	Web viewing and sharing
3D Textured Mesh (.ply)	Web viewing and sharing
Mapbox	
Orthomosaic Mapbox Tiles (.mbtiles)	Web viewing and sharing
	Map creation
VLC	
Video animation (.mp4, .mkv, .avi)	Video animation viewing
Windows Media Player	
Video animation (.mp4, .mkv, .avi)	Video animation viewing