

3D File Contents

Nearmap 3D content is delivered in a zip file. The zip file's contents are the same whether you receive Nearmap's 3D content via offline channels, or via the [3D Export](#) function in MapBrowser.

The table below shows what you receive in the zip file for each 3D format.

[3D Textured Mesh](#) | [3D Point Cloud](#) | [DSM](#) | [True Ortho](#) | [DTM \(DTM in US, DEM in AU\)](#)

Format	File	Description
3D Textured Mesh		
3D Textured Mesh OBJ	Readme.pdf	File describing the exported files (metadata).
	Tiles.dbf Tiles.prj Tiles.shp Tiles.shx	The shapefile containing tiles and area of interest of the export.
	Folder Mesh_0_0	Folder containing the files for the tile Mesh_0_0.
	Mesh_0_0/Mesh_0_0-0.jpg Mesh_0_0.mtl Mesh_0_0.obj	Files for tile Mesh_0_0.
	Mesh_0_0.obj ofs	Text file containing projection offset values.
3D Textured Mesh SLPK	Readme.pdf	File describing the exported file (metadata).
	Mesh.slpk	SLPK File containing the output content.
3D Textured Mesh 3MX	Readme.pdf	File describing the exported files.
	Mesh.3MX	Mesh File containing the output content.
	.3mxb	Internal files.
3D Textured Mesh – Cesium 3D Tiles	Readme.pdf	File describing the exported files (metadata).
	Data(Folder)	Contains the Cesium tileset.
	Cesium3dTiles.json	Reference file for the tileset.
3D Textured Mesh FBX	Readme.pdf	File describing the exported file (metadata).
	Tiles.dbf Tiles.prj Tiles.shp Tiles.shx	The shapefile containing tiles and area of interest of the export.
	Mesh.fbx	Mesh File containing the output content.
	Mesh.fbm	Folder containing textures.
	Mesh.fbx ofs	Text file containing projection offset values.
3D Point Cloud		
3D Point Cloud LAS	Readme.pdf	File describing the exported file (metadata).
	Tiles.dbf Tiles.prj Tiles.shp Tiles.shx	The shapefile containing tiles and area of interest of the export.
	PointCloud_0_0.las	LAS File containing the output content.

DSM		
DSM GeoTIFF	Readme.pdf	File describing the exported file (metadata).
	Tiles.dbf Tiles.prj Tiles.shp Tiles.shx	The shapefile containing tiles and area of interest of the export.
	DSM_0_0.tif	GeoTIFF File containing the output content.
True Ortho		
True Ortho GeoTIFF	Readme.pdf	File describing the exported file (metadata).
	Tiles.dbf Tiles.prj Tiles.shp Tiles.shx	The shapefile containing tiles and area of interest of the export.
	TrueOrtho_0_0.tif	GeoTIFF File containing the output content.
DTM (DTM in US, DEM in AU)		
DTM GeoTIFF	Readme.pdf	File describing the exported file (metadata).
	Tiles.dbf Tiles.prj Tiles.shp Tiles.shx	The shapefile containing tiles and area of interest of the export.
	DTM.tif	GeoTIFF File containing the output content.

The Readme file contains the following information:

- Coverage map showing the preview of the export
- Grid representing the content tiles
- Data type
- File format
- Horizontal spatial reference
- Vertical spatial reference
- Tile size
- Number of tiles
- Extent of the export (in units of the horizontal spatial reference)
- Area of the export
- Capture dates
- Date of the export

The shapefile contains the polygons representing the following:

- Every tile in the output (TILE_NAME = Filename_X_Y, e.g. TrueOrtho_3_5)
- Area of interest of the export (TILENAME = AOI)