

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.

- [Textured Mesh OBJ](#)
- [Textured Mesh SLPK](#)
- [Textured Mesh 3MX](#)
- [Textured Mesh – Cesium 3D Tiles](#)
- [Textured Mesh FBX](#)
- [Point Cloud LAS](#)
- [DSM GeoTIFF](#)
- [True Ortho GeoTIFF](#)
- [DTM GeoTIFF](#)

Textured Mesh

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.

Textured Mesh SLPK

Readme.pdf	File describing the exported file (metadata).
Mesh.slpk	SLPK File containing the output content.

Textured Mesh 3MX

Readme.pdf	File describing the exported files.
Mesh.3MX	Mesh File containing the output content.
.3mxb	Internal files.

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.

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.

Point Cloud

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.

TrueOrtho

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 (DEM in US, DTM in AU)

DTM GeoTIFF

Readme.pdf	File describing the exported file (metadata).
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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)