TUTORIAL 3D FORMAT FILES







3D Format Files

DESCRIPTION

- Import 3D Format Files
- Create points and drawings
- Export and share files

GOAL

• Import and manage 3D Format Files





New Project

				X-PAD Office Fusion
X-PAD Office Fusion	New			
Open other projects				
Options			TEMPLATE	
About X-PAD Office Fusion		Xa	Xa	
Exit	New project (Wizard)	Empty project	From template	

• Click on Empty Project to create a new empty project



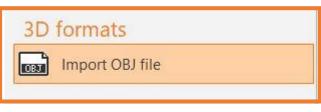


Import 3D Format Files

Open	
Save	
Save as	
Import	
Export	
Reports	
Close	

- Select File menu, than Import
- Select File Format:
- Drawing formats (DWG/DXF) as 3D Mesh
- 3D formats

Drawing formats	
Import DWG/DXF file	
Topographic data forma	ts
Import Text file (ASCII)	
Import LandXML	







Import DWG/DXF file - 3D Mesh

port DWG/DXF file		
Select file and options		
e name:		
3D CAD - Room.dxf		
mport options		
Import as 2D drawing (elevation = 0)		No
Import 3D Mesh as terrain surfaces		Yes
Distance unit of the selected drawing:	Meters	~

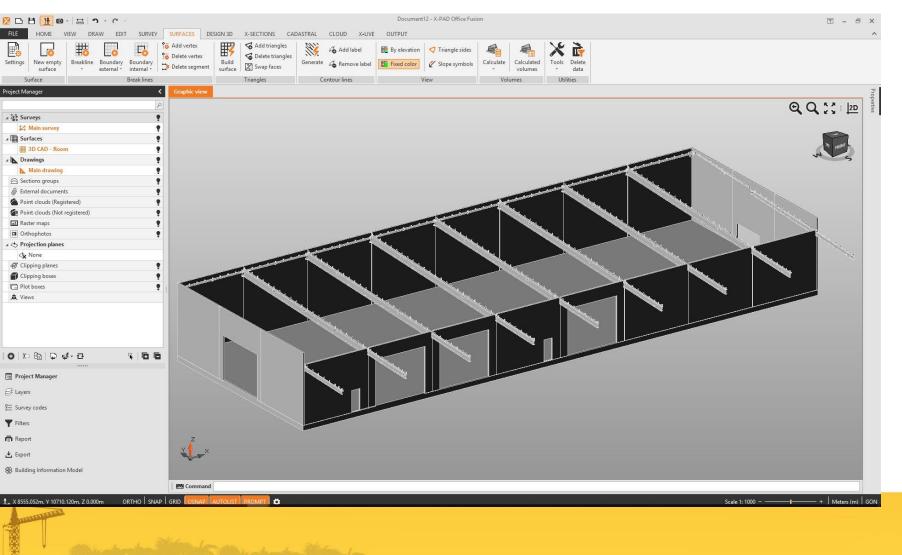
mport DWG/DXF fil Specify settings import.	to create topographi	c points from the d	rawing to	
Importing topogra	phic points			
Convert points				No
Convert blocks				No
Insert topographic	points on element ma	in positions		No
Search point name	on nearest texts			No
Search point elevat	on on nearest texts			No
Starting name:	100			

From **Import DWG/DXF file** menu Click on **Import 3D Mesh** It is possible to select some tools to import/create topographic points





Graphic View

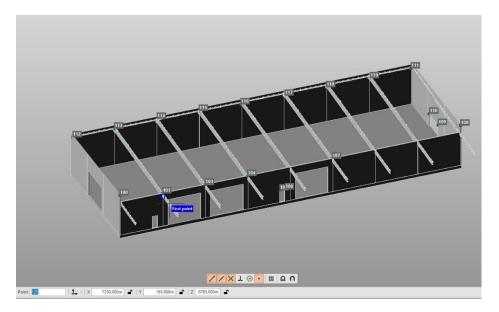






Draw on 3D Mesh

FILE	HOME VIE	W DR.	AW E	DIT S	URVEY	SURFACE	S DESIGN 3D	X-SECTIONS	CA	DASTRAL	CLOUD	X+LIVE	OUTPUT						
Settings	New drawing	Point	Polyline	Line	Arc 3	Circle C+R *	Polygon	Create point Vorking mode Point name +	A	Annotate object	Text styles		양 Create 유 Manager			Horizontal	्रे Cancel द्धे Save	Generate	Open view
D)rawing				Î	nsert				Text			Blocks	F	laster map	Project	ion plane	Orth	ophoto



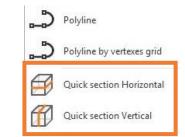
From **Draw** menu it is possible to select all the tools, from **Point** to **Orthophoto**, to draw directly on the File

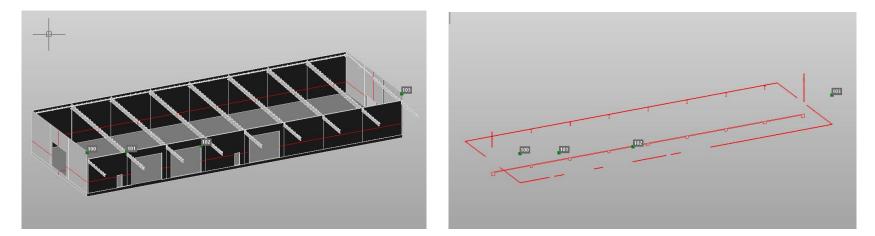




Draw on 3D Mesh

FILE	HOME V	IEW DF	RAW EE	DIT S	URVEY	SURFAC	ES DESI	GN 3D X-SECTION
	bo	-	٢	/	C	Ø	Ь	Create point
Settings	New drawing	Point	Polyline *	Line	Arc 3 points *	Circle C+R *	Polygon	Working mode OPoint name +
D	Irawing				I	nsert		





From **Draw** menu it is possible to select all the Polyline Tools to draw a **Quick** Horizontal/Vertical Section





Import and Manage OBJ Files

FILE	нс	ME	VIEW	DRAV	V EDIT	SU	RVEY	SURFAC
Delete	+‡→ Move	Сору	S a	ale -	<pre></pre>	• D	2.222.025.025	lyline +
				Edit				



Point Clouds Data

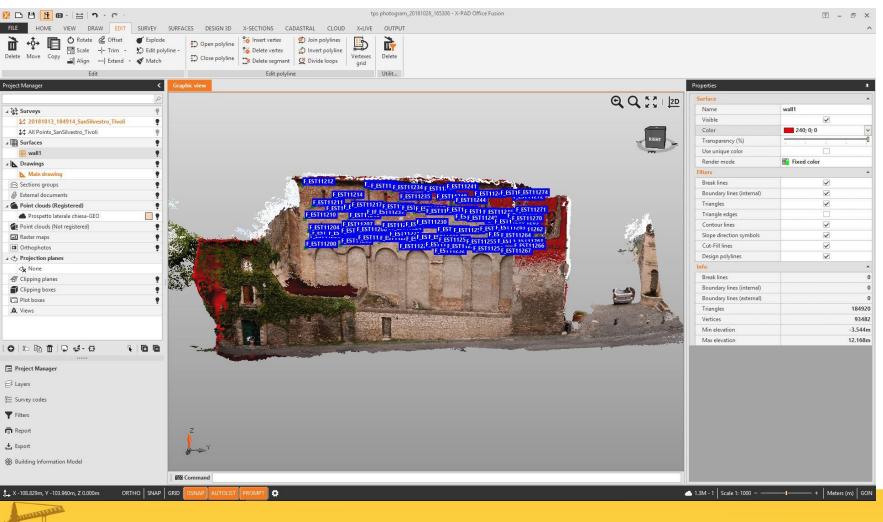
3D Mesh - OBJ

From **EDIT** menu it is possible to select **Allign Rotate** or **Scale** tool and allign the OBJ with topographic data





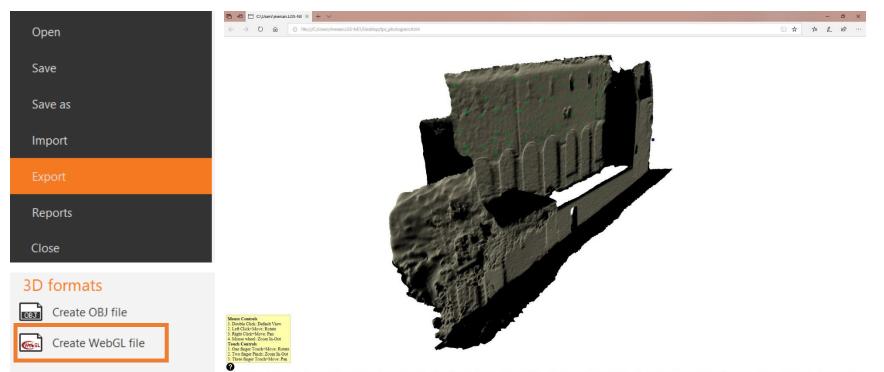








Export 3D Formats



From **Export** menu select **Create WebGL file** It is possible to share data as **html** viewer

