



**GE**  **MAX**

**TUTORIAL**  
**BIM**

# BIM

## DESCRIPTION

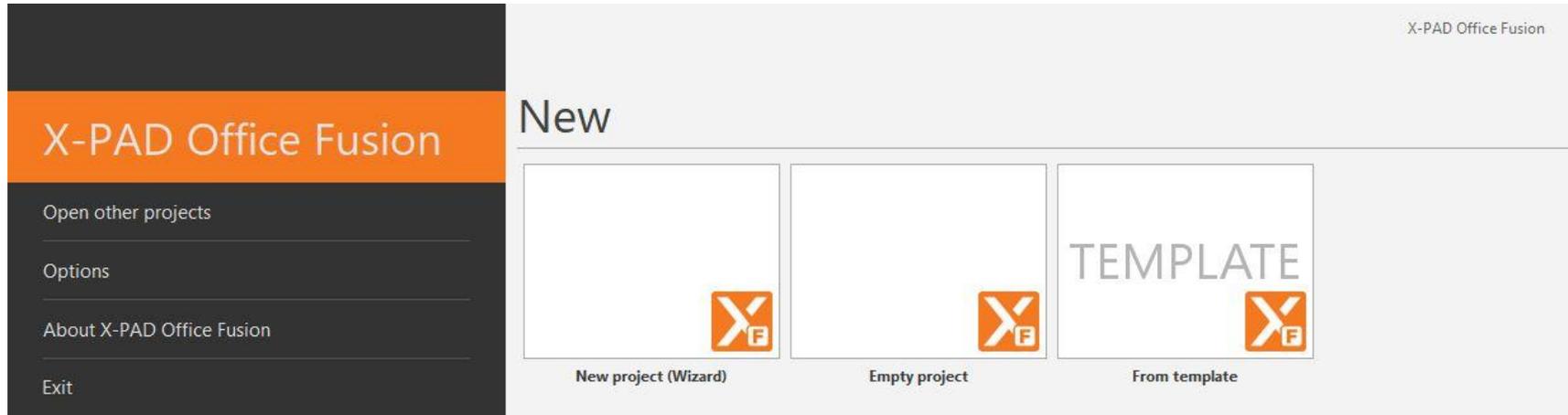
- Import BIM data
- Create points on BIM file
- Drawing on BIM file

## GOAL

- Import and manage BIM data



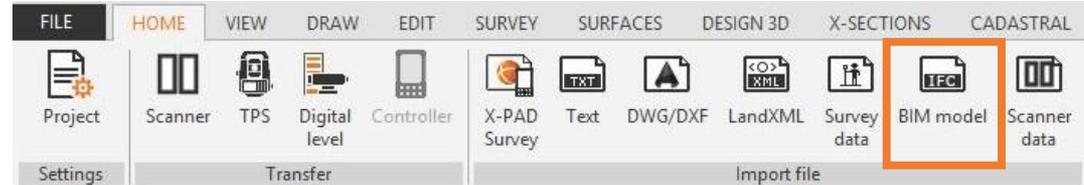
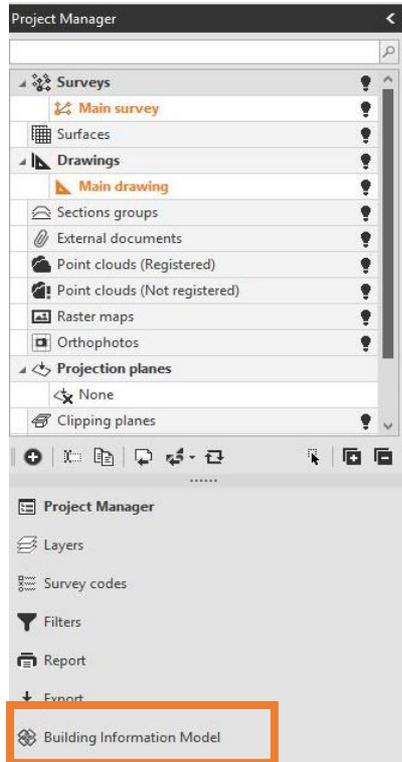
# New Project



- Click on **Empty Project** to create a new empty project



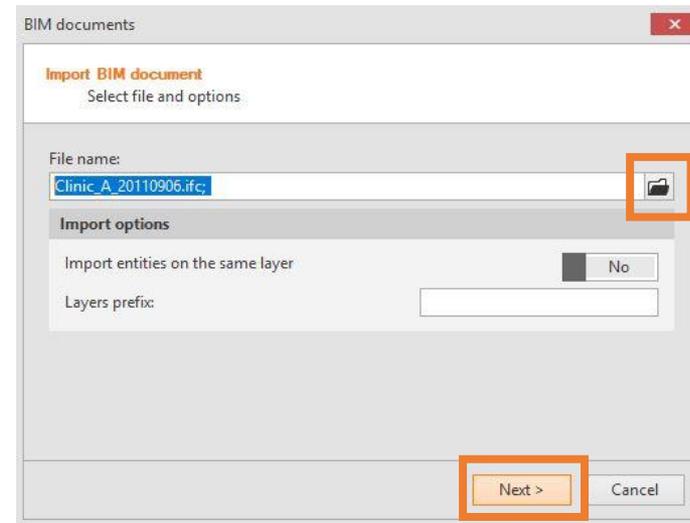
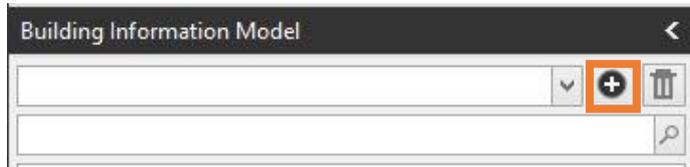
# Import BIM file



It is possible to import a BIM file from **Project Manager** menu or directly from **Home** menu



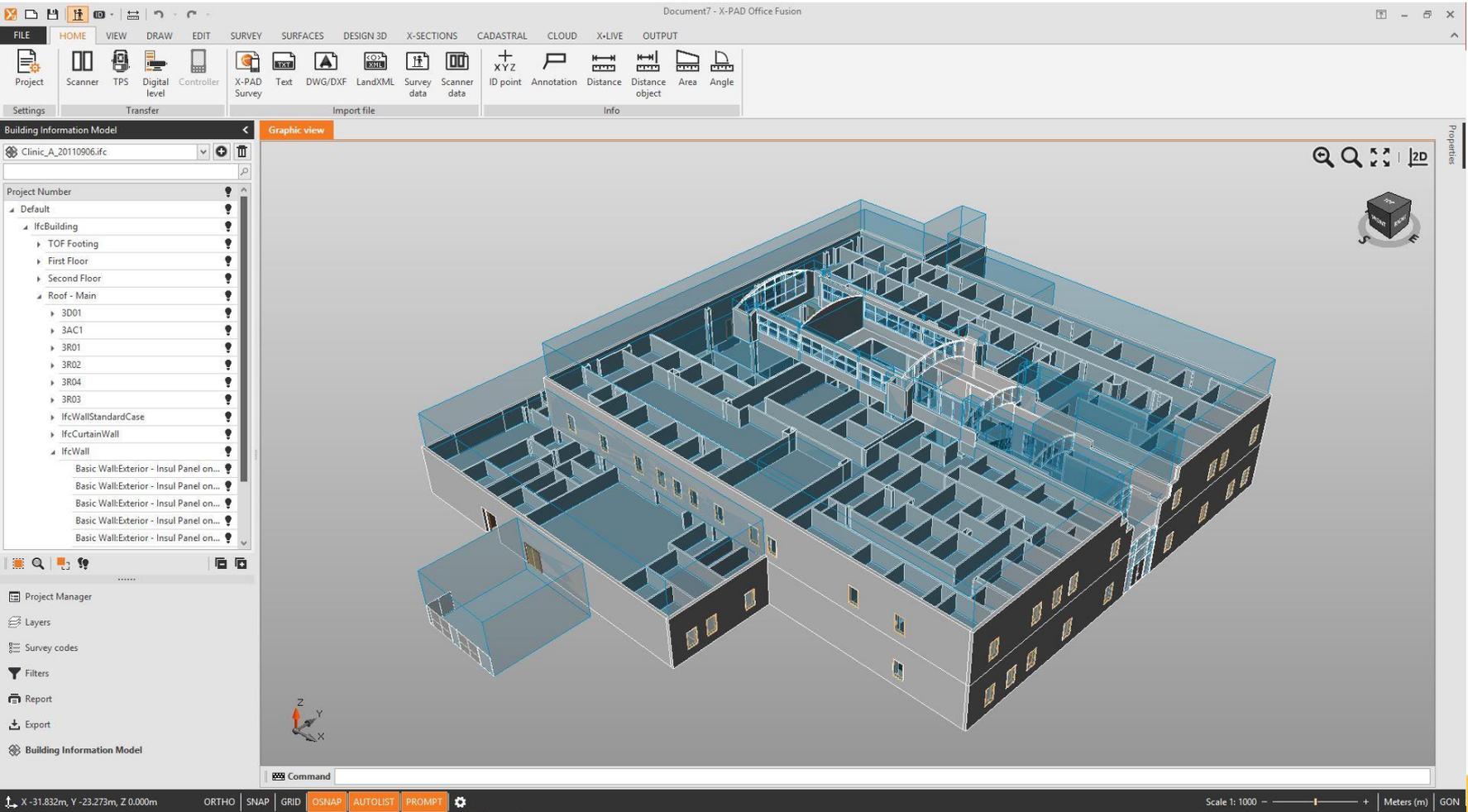
# Import BIM file



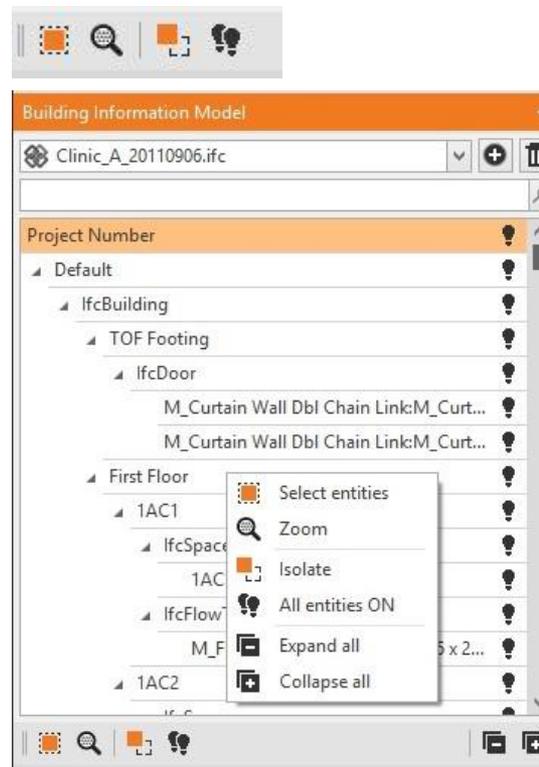
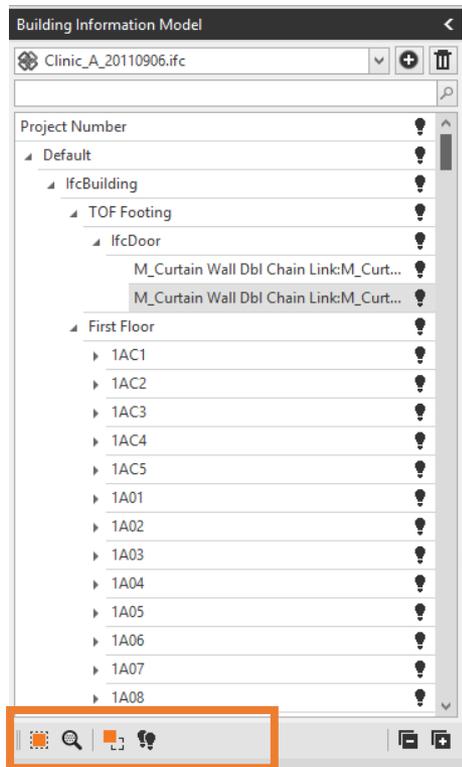
From **Building Information Model** menu Click on  , than select **IFC** file.  
It is possible to select a different layer for all the entities



# Graphic View



# BIM Entity tools



From **Building Information Model** menu it is possible to select some tools directly from the icons on the bottom of the menu or by right click with mouse on the entity of the list



# BIM Entity Properties and Layers

Properties	
<b>IFC entity</b>	
Name	M_Curtain Wall Dbl Chain Link...
Type	IfcDoor
Layer	A-DOOR
<b>Pset_DoorCommon</b>	
Reference	M_Curtain Wall Dbl Chain Link...
IsExternal	Yes
FireRating	Fire Rating
<b>PSet_Revit_Identity Data</b>	
Mark	1F01a
<b>PSet_Revit_Other</b>	
InstallationDate	InstallationDate
SerialNumber	SerialNumber
WarrantyStartDate	WarrantyStartDate
BarCode	BarCode
AssetIdentifier	AssetIdentifier
TagNumber	1F01a
<b>PSet_Revit_Phasing</b>	
Phase Created	New Construction
<b>PSet_Revit_Dimensions</b>	
Width	2.702
Height	1.962
<b>PSet_Revit_Type_Dimensions</b>	
Pipe Radius	0.019
<b>PSet_Revit_Type_Materials and Finishes</b>	
Glazing Material	Metal - Chain Link
Frame Material	Metal - Aluminum
<b>PSet_Revit_Type_Construction</b>	
Function	1

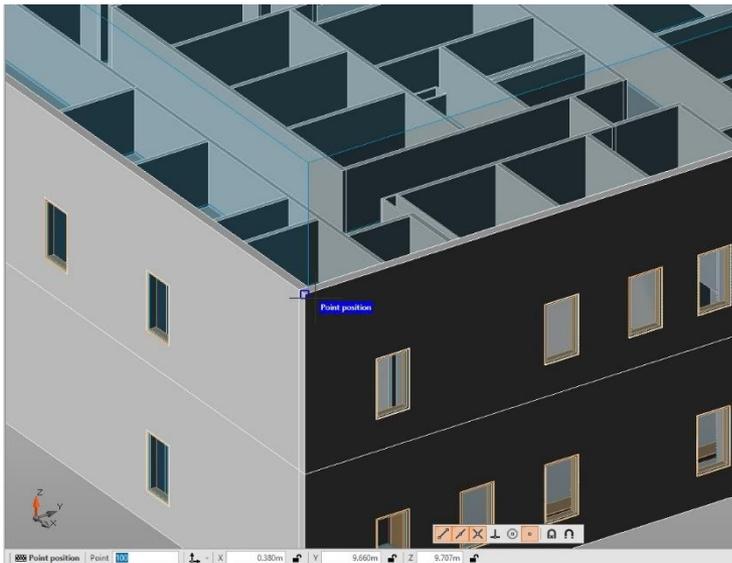
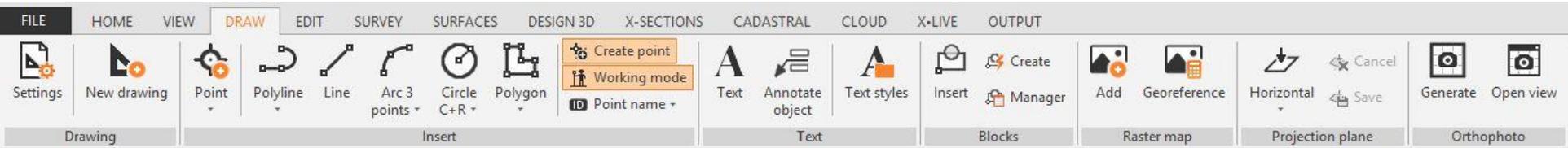
Layers	
✓ A-AREA-IDEN	
✓ A-CLNG-SUSP	
✓ A-DOOR	
✓ A-FLOR-CASE	
✓ A-FLOR-HRAL	
✓ A-FLOR-STRS	
✓ A-GLAZ	
✓ A-GLAZ-CWMG	
✓ A-WALL-MBNI	
CROSS-SECTIONS	
Default	
E-FIXT	
ORTHOPHOTOS	
PLOTBOXES	
P-SANR-FIXT	
SECTIONS-TERRAIN	
SURFACE-BOUNDARY-LINES	
SURFACE-BREAK-LINES	
SURFACE-CONTOURLINES-MAIN	
SURFACE-CONTOURLINES-SUB	
SURFACE-CUTFILL-LINES	
SURFACE-DESIGN-LINES	
SURFACE-SLOPE-SYMBOLS	

From **Building Information Model** menu it is possible to select an entity from the list and visualize all the properties.

From **Project Manager** menu it is possible to visualize all the Layers



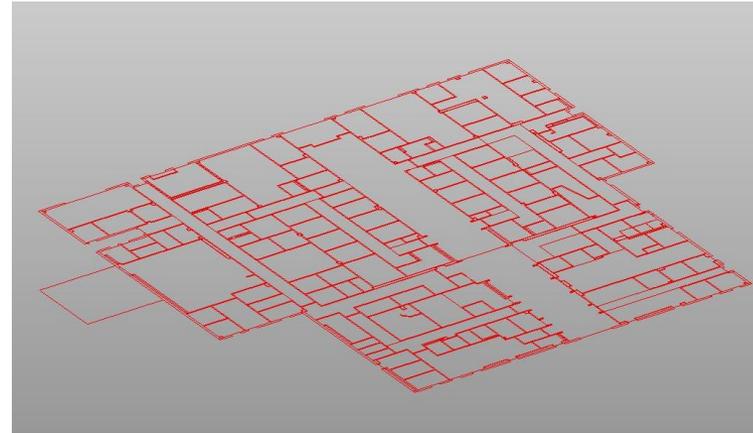
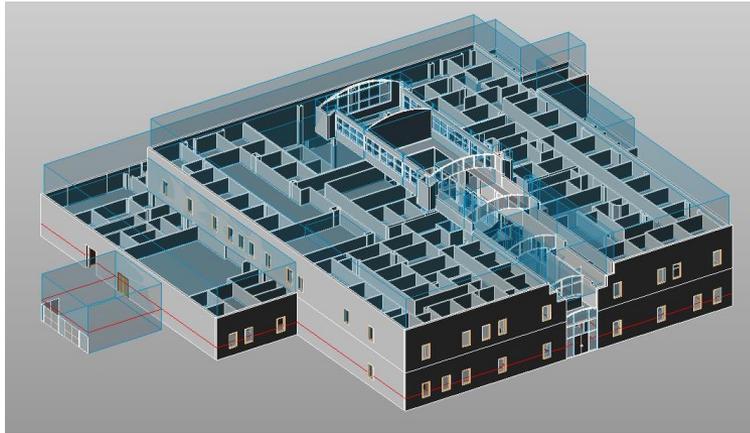
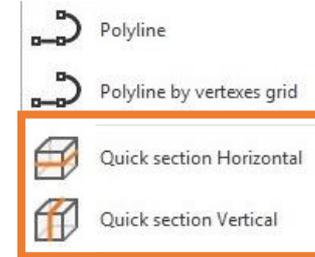
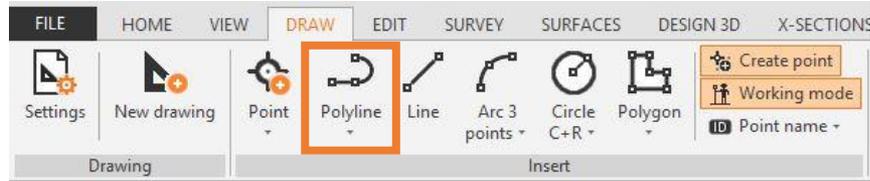
# Draw on BIM File



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



# Draw on BIM File



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

