

TOP 10 REASONS

Top 10 reasons why you should migrate to BIM with 4M IDEA Architecture !

1. The easier transition to 3D and BIM from AutoCAD

Most users do not want to lose time in learning different software. We understand that. This is why we made IDEA Architecture so intuitive for AutoCAD users. 4M IDEA helps you draw faster both in 2D and 3D but it works with very simple commands any AutoCAD user knows like lines or polylines, copy, trim or extend.

Besides 4M IDEA Architecture uses DWG as its native file format and includes all the CAD features of 4MCAD, our alternative to AutoCAD. If you don't feel like using BIM for a project you can use 4M IDEA with simple CAD features just like AutoCAD : 2 software in 1!

2. Extensive libraries of ready-to-use intelligent and parametric 3D objects

Draw faster using ready-to-use 3D objects, no need to draw doors, windows... etc. You just need to pick the shape you like and enter their properties.

The objects are intelligent because they know how to interact one with the other, the objects are parametric because you can display at any time their properties and modify their dimensions. Extensive libraries of 3D parametric objects are provided but you can also create your own ones in a few clicks.

3. Draw faster than with CAD Software, even for 2D design

Unlike in most 3D Architectural software you draw in 4M IDEA Architecture even faster than in 2D with AutoCAD. Even if you don't care about the 3D model, 4M IDEA Architecture will help you draw much faster in 2D with intelligent objects and many productivity features: you save time AND get a 3D BIM model.

4. Draw 3D stairs in a few clicks

If you ever tried to create 3D stairs in a CAD software like AutoCAD you know how complex and time-consuming it can be. With 4M IDEA Architecture you can create any shape in just a few clicks.

Stairs in 4M IDEA are intelligent and parametric. With a simple double-click you can edit all the parameters.

5. Draw 3D roofs in a few clicks

4M IDEA Architecture's 3D roof modeler will offer you the flexibility to create very easily any shape of roof. As for 3D stairs you may use one of our predefined shapes, create your own one and possibly merge different shapes altogether. You can also insert windows or chimneys.

6. Get instantly all the 2D drawings from the 3D and keep them updated

Time is money. If you use AutoCAD or another CAD software to create your project it will take you hours to create the 3D and hours to create each of the 2D views you need.

With 4M IDEA Architecture you not only get the 3D faster and easier... you can also extract all the 2D views in DWG with just a few clicks. You just need to draw each floor either in 2D or 3D view and the software will be able to generate instantly any view you need and keep it updated when you modify the project.

7. Give life to your project with 3D rendering

Just like other popular 3D Architectural packages 4M IDEA Architecture is able to share the projects in DWG with external rendering software like Artlantis or V-ray. This gives you the possibility to collaborate with rendering experts or generate by yourself breathtaking images of your projects to seduce your customers.

That said 4M IDEA Architecture includes a full-set of in-built rendering features to give life to your project with photo-realistic lighting, materials, backgrounds and 3D furnitures. You will find these features in the PhotoIDEA menu.

8. Walk-through videos of your project

To give life to your project you may also like to create Walk-through videos of your project using the WalkIDEA module provided with 4M IDEA Architecture. You will be able to walk around and inside the project in real-time and save videos of the project with a 360° background.

9. 3D Ground modeling

The AutoREG in-built feature will help you to create a 3D ground from a cloud of points, calculate excavation, create a flat area for your building and take care of administrative regulations defining the conditions of your project.

10. Feel the power of BIM...

As you probably know the word BIM stands for Building Information Modeling. The difference with CAD software like AutoCAD is also that the drawing is made of objects which information is stored in a database.

One interesting illustration is the possibility to extract a bill of materials of the project and export to Excel a file with all the quantities to estimate the cost of your construction.