

Project © Eric HANCE, Architect



From single-family homes to urban complexes, discover professional CAD integrating all the 2D and 3D applications necessary for your business, from the sketch phase to the delivery of the building site, including the building permit application file and the detailed plans.

ArchiTECH.PC is regarded as one of the few truly self-sufficient professional software packages, able to combine all aspects of architectural design and project presentation at once. It is also known for its user-friendliness.

Unequaled ergonomics

Based on the study of the traditional working methods of architects and building designers, the ergonomics of ArchiTECH.PC allows you to fully express your know-how and expertise.

Thanks to its accessibility of its functions, no prior computer practice in computer-aided design is required.



Project © Plans 3D

More than a drawing tool

ArchiTECH.PC is not just a drawing tool that displays the product of your 2D drawings: all the information entered in two dimensions is automatically transcribed into volumes in order to generate the precise 3D model of your projects. This allows you to effortlessly obtain all the 3D perspectives, sections and elevations you need. In addition, the software automatically generates the bill of quantities for your projects.

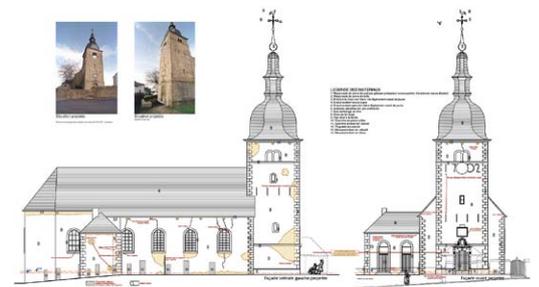
More than a drawing tool, ArchiTECH.PC is a real assistant in the design of your projects: it is the extension of your thought.

Absolute visibility

The views are the basic principle in the use of the software, because it is around them that the projects are drawn.

A view can be a plan, a section, a technical detail, a 3D perspective, or a composition of several plans intended to be printed.

Thus, a project — or a part of it — can be documented by several views: structure plan, rooms distribution plan, electrical plan... These different views can then be placed separately on the printing sheet, or merged to synthesize the project.



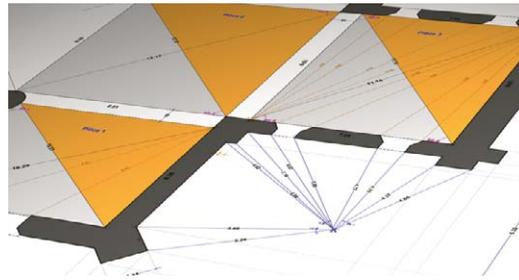
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Full integration of project modifications

Thanks to its relational database, the modifications made to your projects are fully managed, thus guaranteeing that any change made in a view will be automatically affected in all the corresponding views (detail plans, sections, facades, perspectives, print sheet layout, quantity survey...).

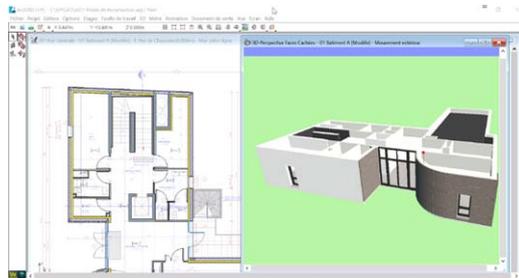
Building surveys and measurements

Starting from a freehand sketch in ArchiTECH.PC, the drawing is automatically adjusted in 3D to each data coming from a laser meter or a Leica Builder station (devices connected by Bluetooth).



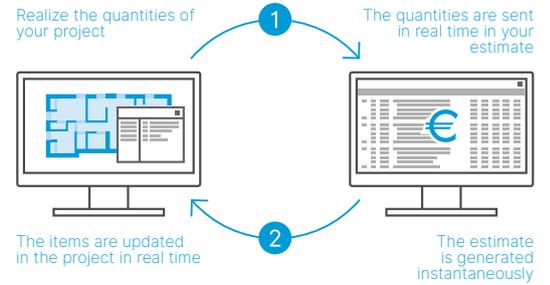
Real-time 2D/3D design

« A good drawing is better than a long speech », especially for the uninitiated. ArchiTECH.PC allows to visualize a building instantly in 2D and 3D under various angles of views (section, elevation, axonometry, 3D perspective...) by means of various display modes: wireframe with or without hidden faces, textured...



Synchronization of ArchiTECH.PC and estimating/management software

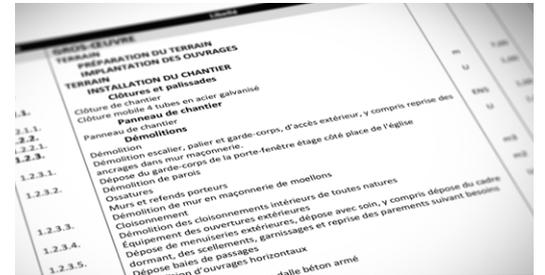
The principle of synchronization consists of a direct link between the ArchiTECH.PC database and the database of an estimating/management software, that is to say, without the obligation to send the project through the export and import filters from one software to the other in order to process it. Each database waits for a signal from the other to establish communication, which means that any creation or modification of an item in ArchiTECH.PC appears simultaneously in the estimating/management software, and vice versa. This direct link avoids errors and redundant entries. Thanks to this, all items transfers are 100% reliable.



Total integration of written documents

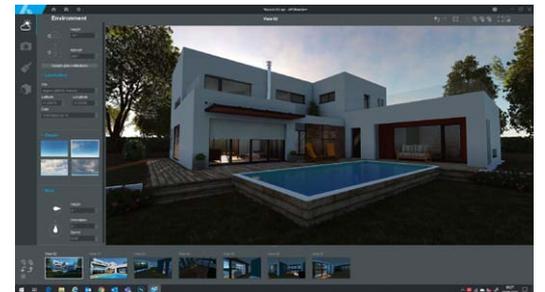
The estimates, the work contracts and the planning are integrated in ArchiTECH.PC. The estimate becomes a view of ArchiTECH.PC in the same way as a 2D or 3D view.

The libraries are created directly in ArchiTECH.PC or are connected to it in plug-in when they come from estimating software interfaced with it. A tool also allows the layout and the personalization of the written documents (logo, columns, page breaks, etc.).



Connection with APCRender+, photorealistic rendering engine

ArchiTECH.PC can be connected to the APCRender+ imagery engine that has the latest technological advances in real-time 3D rendering.



Import/export

ArchiTECH.PC allows the import and/or export of projects in DXF, DWG, DWF, DWFx, DAE, DGN, SVG, bitmaps, vectorial PDF, IFC.

MINIMUM SYSTEM REQUIREMENTS

- Windows 7, 8, 10, Server 2008 and Server 2012 in 32 or 64 bits
- Intel Core i-7-4770 (3.40 GHz) or equivalent
- SSD 120 Gb, including 400 Mb for ArchiTECH.PC and 7 Gb for the textures and the Render+ option
- HDD 500 Gb for data
- 4 Gb for RAM
- 1280x1024 resolution, 16 million colors
- NVIDIA GeForce GTX 760 card with 2 Gb dedicated to graphics
- Keyboard, mouse, printer with Windows print drivers

EDICAD is certified



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