ArchiTECH.PC® 2015
First Edition

Powerful, intuitive, economical, evolutionary, connected to more than twenty estimate softwares, to software processing RT 2012 and imaging, ArchiTECH.PC® First Edition 2015 became the essential business application, for drawing as well as for written material.

Features available for individual purchase so you do not have to pay for those you do not need.
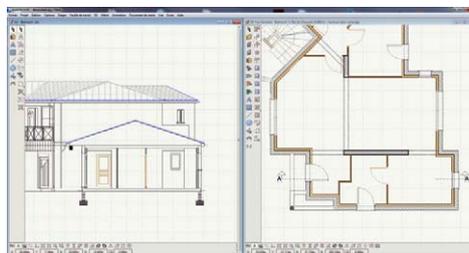
ArchiTECH.PC® First Edition 2015 offers options for adapting the software to your activity, leaving you free to upgrade at any time to superior versions.

Deriving from the Full version, ARCHITECH.PC® First Edition interests all designers and operators wishing to find in the same, single software tools for 2D/3D drawing, imaging and surveying that allow them to ensure complete missions for their clients.

Managing automated views

The project is built around the interactive 2D and 3D views. A view can be a ground plane, an implementation plan, a complete floor plan or part of it, a particular detail, a synthetic image, a section or a facade, a purchase document, etc.

It is possible to create as many views as you wish, arrange them separately on print sheets, or merge them.

Properties of views

The views have specific parameters that automate the management of projects. The scale of the drawing may be different from one view to the next: for example, in order to show the implementation plan at 1/50 in a 2D view and at 1/250 in the ground plane.

© Plans 3D

Similarly, layer management allows instant publishing according to trades by displaying only the necessary information to the recipient of each lot.

Simple and intuitive interface

You have easily identifiable tools (*Wall, Slab, Roof, Door, Window, Staircase...*) and you draw exactly as you build. The set of views is contained in one single file.

Importing/exportating

ArchiTECH.PC® First Edition exports in the major exchange formats: DXF, DWG, PDF, JPG, BMP, TIF, WRL, VRML... and IFC *(under development)*.

Estimate, surveying option

Starting from the 2D/3D model of your project, this option allows you to carry out the estimated priced bill of quantities of the works *(BOQ)*, the descriptive notice *(45.1)* and the special technical specifications *(CCTP)* in estimate software on the French market, as well as in Word®, Excel®, and Project® LibreOffice®.

● Hierarchical breakdown of estimates in work phases *(lots, chapters, sections, articles...)*.
● Database interacting with different views. Any project change causes automatic updating of quantities.
● Possibility of changing structures.
● Ability to process the works at flat cost *(materials, labor, etc.)*.
● Customization of the layout of documents: headers, body and footers of the pages.

Option of Survey of construction sites, rehabilitation, restoration

This Bluetooth® compatible option allows you to make any type of 2D/3D exterior or interior survey.

● The sketch drawn freehand in ArchiTECH.PC® First Edition automatically adjusts to each piece of data originating from a laser distance meter or Leica® Builder station.

● **Multiform Stairs**:
- Positioning of stairs by drawing their tread line and/or contour.
- Adjustment of steps and regulating their winding.

- Modification of contours or walking lines drawing.

● **Roofing passing through three points**:
- Roof surveys with a laser distance meter from the ground up.
- Slope reconstituted according to the survey of three roof elevation points.
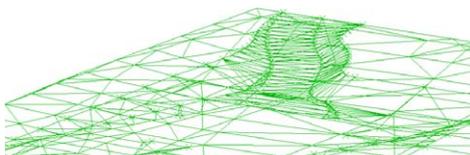
● **Adjustment on perspectives of photos**:
- Transformation of photographs of buildings *(viewed in perspective)* in geometral views *(front views)* with scaling.

Terrain option

Modeling of a terrain is done using points or level contours. It can also be done automatically by importing a file of points captured using a theodolite. A mesh, visible in 2D and 3D, is then automatically generated between the various altimetry data points.

The user can then create horizontal or inclined platforms, then apply textures to them and obtain volume measurements from cut and fill to inform its estimate.

Imaging option

Because it uses the latest rendering technology in respect to photorealistic simulations, this option offers a decisive advantage for presentation of projects to your clients or in a competition.

● **Rendered by global illumination**:
- Management of direct and indirect lights *(light sources and incidence of light rays on different surfaces)*.

● **Photo Match** :
- Realistic photomontages with very precise insertions on site by calculating the observer's position beginning from the vanishing points of the photos used for this effect.

MINIMUM SYSTEM REQUIREMENTS:

● Windows® XP, Vista, 7, 8, Server 2008 and 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 textures of the Render+ option
● HDD 500 Gb for datas
● 4 Gb RAM
● 1280x1024 resolution, True Color
● NVIDIA® GeForce® GTX 760, 2 Go dedicated Display Card
● Keyboard, mouse, printer, Windows® printer drivers

For more information,
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