



BIMestimate

Bill Of Quantity, cost estimation and
schedule of works, both in traditional way
and in BIM technology



Datacomp (founded in 1987) is a leading producer and distributor of software mainly for industry and the construction industry in Poland. We offer both our own softwares and systems of several leading companies.

For several years our company has invested heavily in BIM technology and now we can offer you original solutions for 4D and 5D on the basis of Open BIM, in terms of costing and scheduling. In terms of solutions that support the production we offer modern and unique software for detailed production planning. We support also the public procurement system through

a package of our own solutions.

In cooperation with national and international partners Datacomp offers design system for installations, set of tools to support the production process. The wide set of programs for industrial installations, document management system and also CAD/CAM tools for machine design. Our big experience and knowhow guarantee high quality of all of our products.

The benefits of using our solutions and services have been proven on hundreds of construction projects and not only, realized so far.



Other products for the construction industry, offered by Datacomp Sp z o.o.



BIMVision

BIM Vision is a freeware IFC model viewer. It allows to view the virtual models coming from CAD systems like Revit, Archicad, Advance, DDS CAD, Tekla, Nemetschek VectorWorks, Bentley, Allplan and others without necessity of having commercial licenses of these systems or having each of particular vendor's viewer.

www.bimvision.eu

metriCAD

MetriCAD 2 is a program independent of any CAD platforms, supporting development of BOQ based on 2D documentation. This documentation can be in DWG, DXF format or in case the lack of any other possibilities - as a raster bases.

www.metricad.com.pl



PDF Kosztorys is an innovative tool that eliminates cumbersome work connected with manual prescription all data assumed in BOQ saved in PDF format (file *.pdf created as a printout from the printer or by the software for cost estimating) to any cost estimating system or calculation sheet.

www.pdfkosztorys.pl

SiteMaster

SiteMaster BIM allows to carry out measurements and to create the exact IFC object structure for the BIM project, reducing or eliminating subsequent modeling in the office. Accelerates measurement works in 2D and 3D by direct export of data.

www.sitemasterbim.pl

BIMestiMate

- the first tool for preparing BOQ (Bill Of Quantity), cost estimation and schedule of works, both in traditional way and in BIM technology.

Construction market, today is changing very rapidly. Expectations of all participants in the investment process, in terms of quality, efficiency and costs optimization related to the project are growing up. All these, naturally push investors, contractors and designers toward the use of new technologies and changing approaches to the investment process. Improve communication and integration of the investment process is a new, correct trend.

Key benefits of BIM technology:

- Fast access to the complex information that can be used in all stages of the investment process.
- Better quality of the project – based on the model you can do comprehensive tests and simulation what in result allows for maximum design optimization and minimize the risks associated with the execution stage.
- Shortening the variant analysis process from the output model to the final result. It allows effectively enter innovative solutions into the project.
- Cost control at an early stage of the project and for the entire life cycle of the object. In result costs are more predictable and better calculated.
- Digital data in the model introduced by individual industries may be used in the later stages of the investment, for eg. in production process, as it happens in CAD / CAM industry. These data can be used also during operation time, in management buildings' systems (real estate), as well as at BMS.
- Accurate and automatic visualization allows investors to know better the idea of the construction (concept, technical solutions). It improves the quality of customer service.

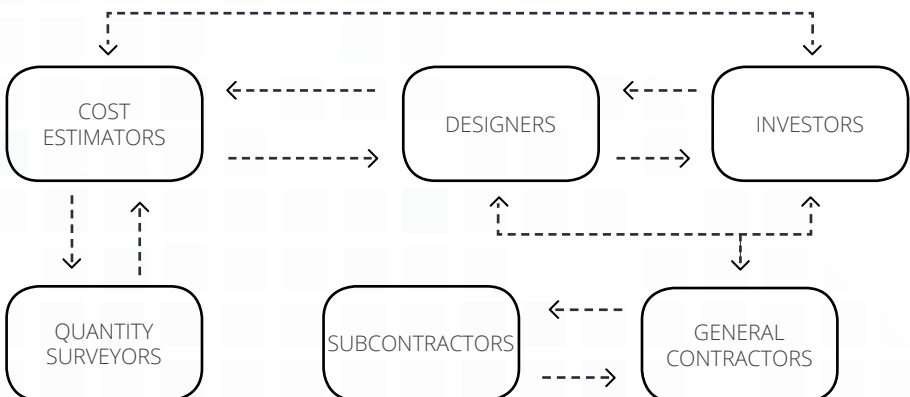
BIMestiMate - innovations

BIMestiMate is a response to the growing needs of the construction industry. It is the first innovative tool for preparing the cost estimate, working in BIM technology. Calculating the cost of the building project is one of the areas where BIM technology can be used for fast and accurate valuation.

The valuation method using BIM, clearly reduces the time needed to develop a simplified and detailed calculations based on data collected from the BIM model. This is important when we are dealing with the revision of the model, when it can be used effectively relationship between that change and its cost. BIMestiMate has an open structure and can use the models developed in any compliant systems with BIM. Reads, presents (to visualize) and allows you to analyze BIM models.

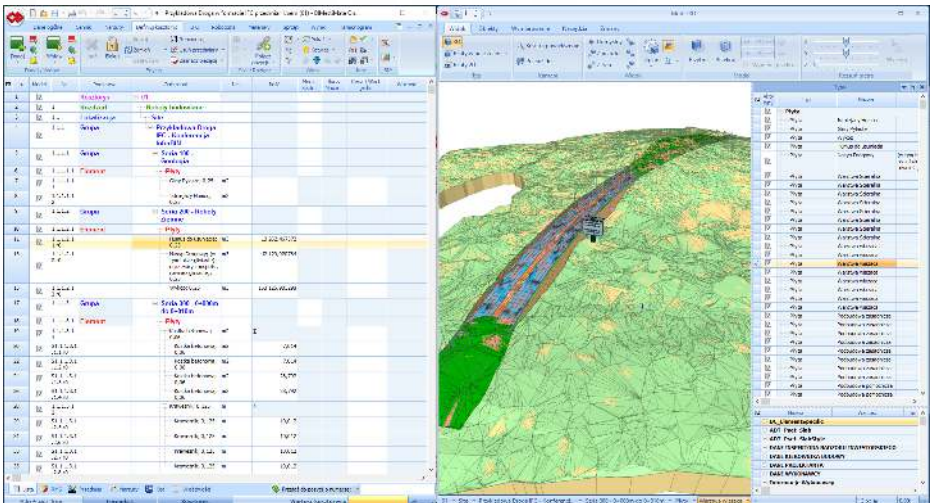
For whom?

The program is dedicated for the following participants of the investment process for the calculation and optimization the cost of works from the Investor to the General Contractor. It was created for the most demanding users and efficient cooperation between all parties involved in process.



What you can do with BIMestiMate?

- working on BIM models in IFC format,
- calculation and optimization costs of the works, taking into account data from the BIM model,
- presentation of selected elements or the entire model in accordance with a project for all scopes, including: the type of layers, type of floors, type of item, etc.,
- calculation of volume, area, length of elements or numbers of elements based on own engine,
- quick and accurate quantity take-off,
- generate a schedule based on the amount in BOQ,
- monitoring and change management,
- visualize the position of cost estimates in the 3D model,
- work on a single or a multi-position screen – on the first screen: classic text-based interface, on the second: graphical user interface; both interfaces integrated with each other.

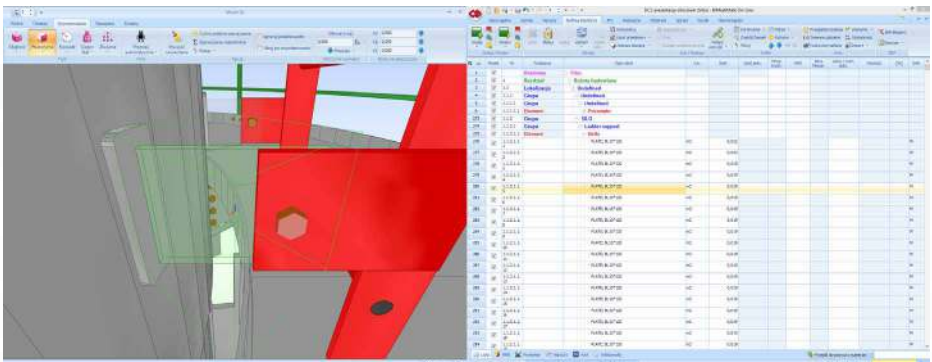


QUANTITY TAKE-OFF

BIM technology enables full automation of measurement operations, due to the fact that all of the elements (structural or finishing) are included in the calculation in the form of quantity, material and technological data. BIMestiMate is the only available system that uses direct connection between a model and data from a BOQ and vice versa. The process of BOQ execution is automatic, easy, accurate and intuitive. The system eliminates errors made during calculation of amount of works which are the main cause of inappropriate cost evaluation. Moreover, the system significantly reduces the time needed to prepare the bill of quantities.

10 minutes to prepare BOQ in BIMestiMate? – Yes.

- Step 1 -** Download the BIM model.
- Step 2 -** Check the model in terms of compliance of individual types of works, compatibility names of types of works and their components and also the units.
- Step 3 -** Automatic download the quantity of works from the elements of the model.
- Step 4 -** Identify the structure of the bill of quantities (BOQ) on the basis of the data stored in the BIM model. The view can be represented by: types, layers, zones.
- Step 5 -** Determine the order of the BOQ items.
- Step 6 -** Determine the unit price on the basis of the prepared bill of quantities.



COST ESTIMATING

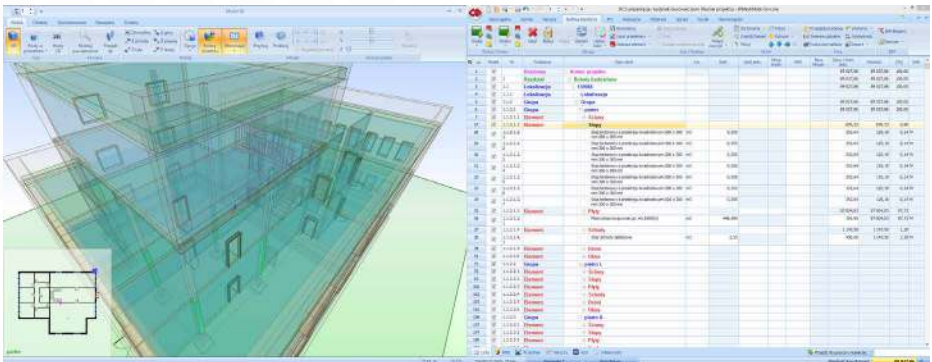
SiEfficient and transparent methodology to develop the cost estimate. Moves to the cost estimate structure all quantities obtained directly from virtual BIM models – buildings, installations, engineering objects - and their rapid and accurate valuation at any stage of construction project.

With the quantity and description of the item, you can choose one of the possibilities to calculate prices:

- manually enter the price resulting from its own analysis or from the subcontractor offer,
- value the price based on price bulletins, program works with all popular price bulletins available on the market,
- make a detailed valuation based on the cost estimate system resources and detailed price lists.

The result is the unit price of the item type. All elements with this type will be automatically priced based on calculated unit price and quantities collected from the BIM model.

BIMestiMate thanks to use of BIM technology allows to perform various analyzes during ongoing investment process to support the decision-making process.





Learn more about BIMestiMate:

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