

About Us

We are Volard, a BIM design company with over 6 years of experience in the market and 250+ successfully completed projects.



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Up to **40%**

reduction of errors,
inaccuracies in project
documentation

20-50%

reduction of the time
spent on project design

6 times

less time spent on project
verification

Up to **90%**

reduction of coordination
and approval time

4 times

reduction of budget error
during planning

Up to **50%**

reduction of the time required for
the investment phase of the
project

20-50%

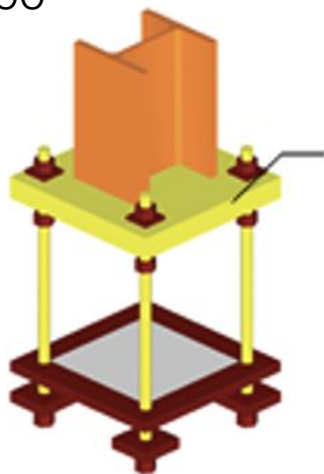
reduction of construction time

Up to **30%**

construction and operating
costs reduction

What is BIM
design for?

LOD 400



Attributes

- Length
- Width
- Height:
- Volume
- Area
- Fastener brand
- Type of installation work
- Number of fasteners
- Reference values
- Finishing materials
- Cost of materials
- Number of materials

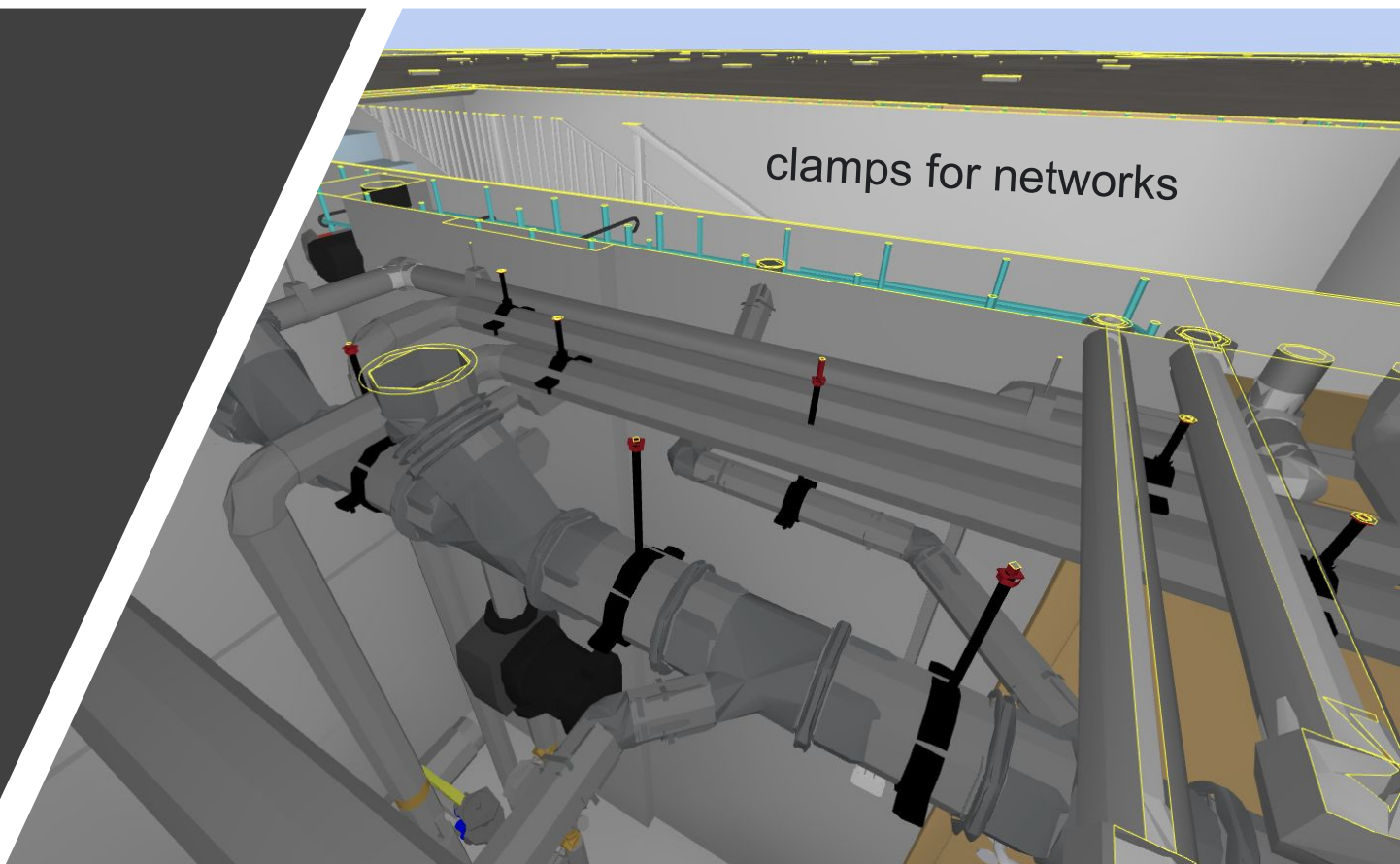
Automatic calculation
of networks

Detailing of all
elements

Requirements for BIM models for costing and budgeting

- The BIM model includes characteristics that will allow you to calculate the cost of materials as accurately as possible and minimize the number of consumables

DETAIL LEVEL - LOD 400



6 years ago we introduced BIM to our company.

- Who is our client?
- Investors
- General Designers and General Projects
- Industrial enterprises
- Reinforced concrete structures plant



What are the main goals of BIM design?



Get the maximum profit from the project




Optimization and error reduction



Reduce the construction time of buildings



Automation and optimization of management, construction and maintenance of buildings



How do we
solve
customer
problems?

- According to the initial model, we are working with the manufacturer and the client to optimize the cost of the project.
Coordinate models in the same environment to eliminate errors between sections of the project using Revit.
Simulation of the construction process and analysis of different options for assembling the building structure.
Online communication of the model between the designers and the construction site with DALUX.

How do we work?



Result

- Bim model of detailing LOD 400 and working drawings, which will allow to calculate all materials and building elements with an error of up to 5%. Implementation of an estimate complex in a construction company using BIM.
- Setting up management between the construction site management company and the designers using BIM
Optimization of the construction process.
Technical control over the construction process using 3D models.

