

# BUILDING INFORMATION MODELING

THE DIGITAL WORKING METHOD FOR  
THE CONSTRUCTION INDUSTRY



# WHAT IS BIM?

**BIM (BUILDING INFORMATION MODELING) IS THE DIGITAL WORKING METHOD FOR THE CONSTRUCTION INDUSTRY.**

BIM creates added value in that people, processes and tools work together in a target-oriented manner across the entire life cycle of a building. In this way, a construction project gains transparency, quality and ensured costs and deadlines.

# GOOD REASONS FOR BIM

The BIM working method allows for cross-discipline planning, building and operation of buildings via the central building model (BIM coordination model). All relevant information is merged and then analyzed with BIM-capable software. Inconsistencies and errors are detected immediately and can already be rectified in the planning phase. This increases the planning quality, which pays off in the building process and the operating phase.



- 
- > All those involved access the same level of information.
  - > Important decisions can be made earlier.
  - > The construction process is faster and smoother.
-

# THE BASIS FOR SUCCESSFUL BIM MANAGEMENT

The central BIM coordination model is composed of various sub-models of the specialized disciplines. It thus contains all information about the dimensions and position of the components as well as their specific properties, such as physical properties, costs, materials, trades and fire protection classes. Without this, the specialized models would only consist of unspecific lines, surfaces and volumes. Through the properties, the unspecific objects become components. All evaluations and proof can be derived from this.

- 
- > All relevant information is merged centrally.
  - > Proof and evaluations can be easily derived from the components.
  - > The BIM coordination forms the basis for successful BIM management.
- 

# REMAIN COMPETITIVE WITH BIM

BIM is the standard in international construction projects and major public projects. The conversion to the BIM working method is therefore a crucial step for remaining competitive, for you benefit from increased planning quality as well as meeting costs and deadlines. This results in a value increase and retention of the building for investors, clients and facility managers due to sustainable planning, building and operating.

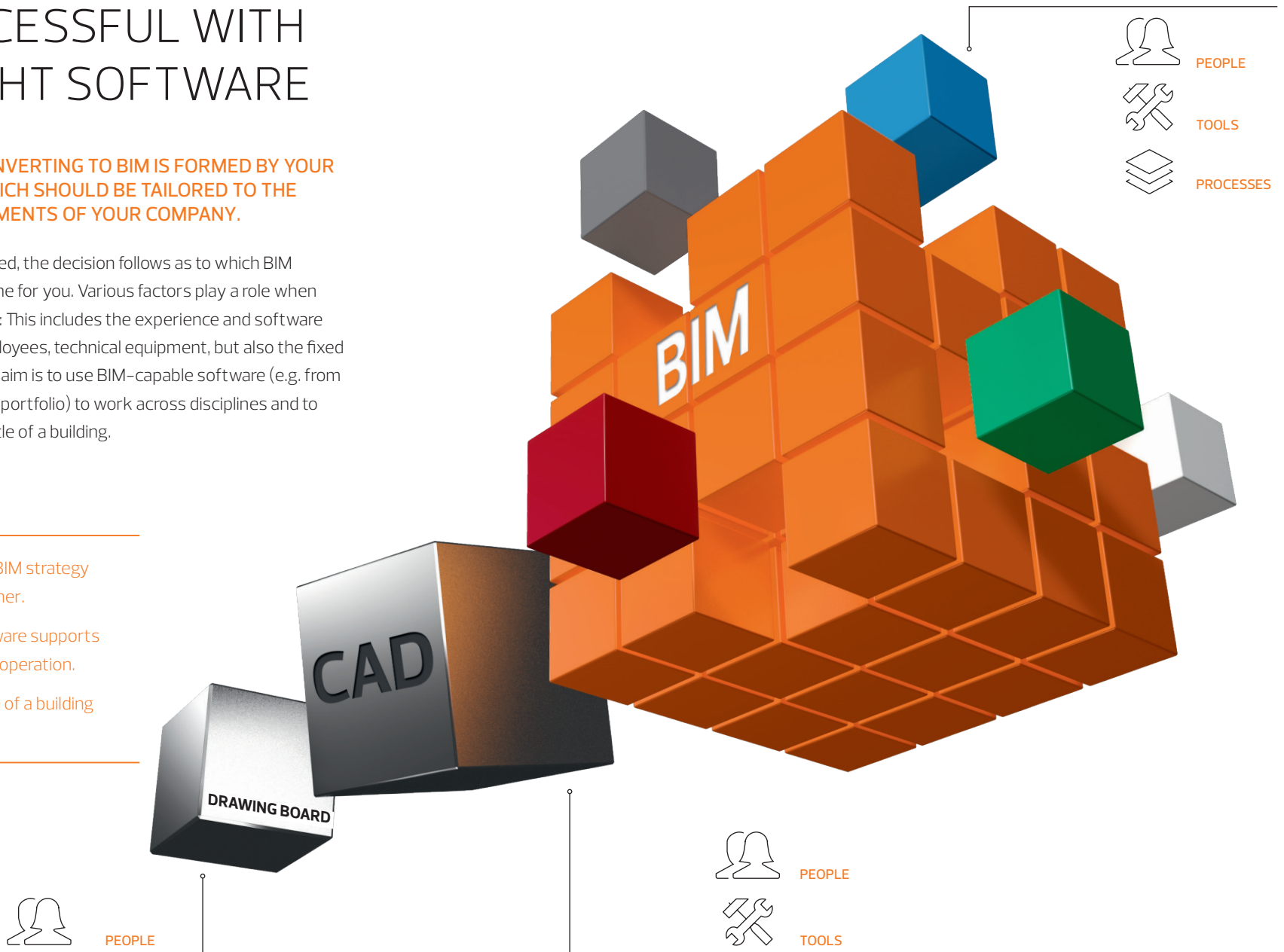
- 
- > Remain competitive and ready for the future with BIM.
  - > Carry out construction projects with BIM.
  - > Increase and maintain the value of the building.
-

# BE SUCCESSFUL WITH THE RIGHT SOFTWARE

THE BASIS FOR CONVERTING TO BIM IS FORMED BY YOUR BIM STRATEGY, WHICH SHOULD BE TAILORED TO THE SPECIFIC REQUIREMENTS OF YOUR COMPANY.

If the strategy is followed, the decision follows as to which BIM software is the right one for you. Various factors play a role when selecting the software: This includes the experience and software knowledge of the employees, technical equipment, but also the fixed planning partners. The aim is to use BIM-capable software (e.g. from the ALLPLAN solution portfolio) to work across disciplines and to cover the entire life cycle of a building.

- > The software and BIM strategy should work together.
- > BIM-capable software supports cross-discipline cooperation.
- > The entire life cycle of a building is covered.



# ABOUT THE COMPANY

ALLPLAN is a leading European provider of open solutions for Building Information Modeling (BIM). For over 50 years, the company has been supporting the construction industry with a pioneering software portfolio and has been decisively driving the digitization of the construction industry: innovative and oriented to customer requirements – and with the best “made in Germany” quality.

**ALLPLAN IS A MEMBER OF:**



Would you like to learn more?  
[allplan.com/bim](http://allplan.com/bim)

## **ALLPLAN UK LTD**

5 Charter Point Way, Ashby Park  
Ashby de la Zouch  
LE65 1NF  
United Kingdom  
[sales.uk@allplan.com](mailto:sales.uk@allplan.com)  
[allplan.com](http://allplan.com)

**ALLPLAN**  
A NEMETSCHKE COMPANY