

Build
digitally
first.

500 PROJECTS

SINCE 2007

OPERATING WORLDWIDE

AT HOME IN ESSEN

HOCHTIEF ViCon is a leading service provider and consultant for digital business processes and Building Information Modeling (BIM).

According to our principle „Build digitally first“, HOCHTIEF ViCon advises and assists its clients in the use of intelligent 3D computer models in order to minimize risks early on, communicate more effectively and save costs.

In the areas of building construction and infrastructure projects, ViCon assists developers and projects with sophisticated hardware and software solutions, training, tried-and-tested processes, and the provision of project specific standards. As BIM consultants, we are involved in various projects in Europe, Middle East and Australia.



PROFILE

Experienced:

More than 500 projects since 2003 combine a wealth of design/build experience and innovative technologies.

Customer-oriented:

Our costumers are our focus. We react quickly and flexibly to individual requirements.

Software-neutral:

We act software-neutral. As BIM consultants, we recommend software based on the requirements of the project and your company.

Innovative:

Future-oriented technologies are our top priority. Thanks to our research activities and the use of state-of-the-art technologies, you are well prepared for the future with us.

Demanding:

Your demand is our challenge. We satisfy your needs with great competence and dedication. HOCHTIEF ViCon ensures that the management of complex projects becomes easier.

CONSULT

Creation of needs analysis

Development of digitalization strategies

Create concepts for data integration

Consulting on common data environment (CDE) and model-based data exchange

Preparation of Employer Information Requirements (EIR) and BIM Execution Plans (BEP)

Development of BIM guidelines

Consulting on Product Information Management (PIM)



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REALIZE

BIM management during the design and construction phase in the project

BIM implementation in projects and organizations

Information Management

Set-up and implementation of a data integration platform

Mobile data acquisition and processing (Field-2BIM)

Digital data analysis, preparation and data reporting

Creation of dashboards (3D Building Information System)



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EDUCATE

University certificated courses accroding to German standards VDI 2552

www.bim-professional.de

Analysis of the training needs and conception

Development of e-learning courses

Perform BIM corporate training

Certification of companies



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RESEARCH

BIM SPEED – Harmonized Building Information Speedway

Bridge Inspect – Intelligent structural inspection of bridges

BIM2KODA – Digital cost planning

Infra-Bau 4.0 – Common platform

BIMiB – Object recognition from point clouds

D-CAT – Digital collaboration

Implementation of the BIM road map of the German Federal Ministry of Transport and Infrastructure (BMVI)

Scientific support for pilot projects of the German railway company (Deutsche Bahn) on behalf of the BMVI



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CONTACT

