



# STEINER DIGITAL REALISING DIGITAL VISIONS TOGETHER

Steiner AG is actively pursuing digital transformation in all areas of the real estate and construction industry while continuously exploring ways of turning smart technologies into a decisive competitive advantage.

**STEINER**

Building Information Modelling (BIM) is an essential element in the digitalisation of the real estate sector. Meanwhile, innovative, future-oriented technologies such as augmented reality (AR), virtual reality (VR), artificial intelligence (AI) and blockchain are also starting to be used in construction and real estate.

Companies that are capable of strategically exploiting these innovations enjoy the following benefits:

**Planning certainty and early error analysis**

Early clash checking, for example, allows the prompt detection of any critical overlaps between structural design and building services. A virtual building twin can be used for the timely identification and rectification of any design flaws.

**Teamwork and communication**

Collaboration platforms significantly improve work procedures while enabling all users to check on the present status of the model and view any changes in real time.

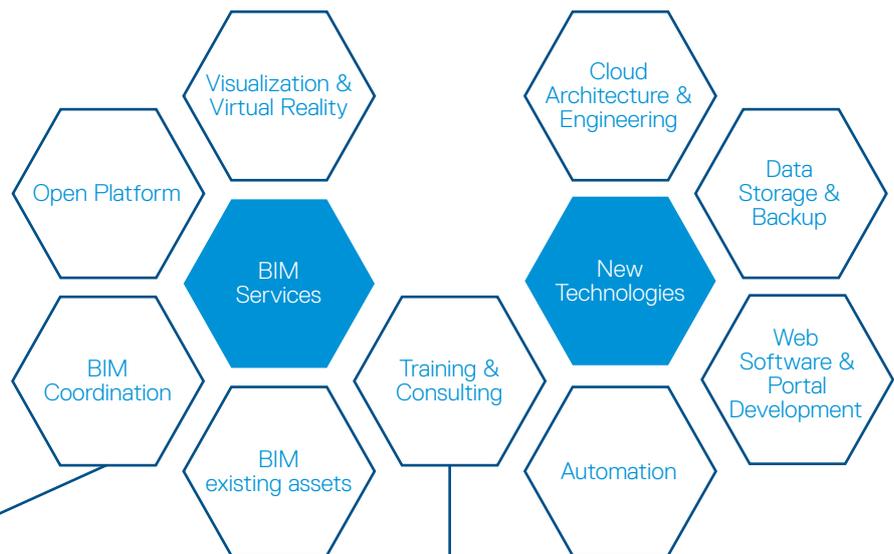
**Time and cost savings**

Clash management during the design and construction phases paves the way for long-term cost savings. Yet, considerable cost-cutting potential also exists during building operation, with property managers similarly benefiting from readily accessible

information on the design and construction process. Use of the stored data facilitates the time- and cost-efficient performance of any subsequent alteration, maintenance or repair works. Our sites in Zurich and Tolochenaz (Canton Vaud) boast modern BIM labs equipped with state-of-the-art technology. We are continuing to expand our range of digital solutions with the aim of delivering customer-oriented digital products and services that span the entire property life cycle.

## Our products and services

We offer our customers and partners a comprehensive portfolio of innovative products and services covering all aspects of BIM and new technologies.



**BIM coordination**

The main aim of BIM coordination is to promote efficient collaboration by combining the efforts of various players, e.g. engineers, architects and contractors. Clash detection is a key plank of our BIM coordination services in that it allows localisation of any problems between different designs and models, as a prelude to identifying the most efficient remedy.

**BIM for existing real estate**

Modern-day property management practice tends to be time-consuming and error-prone. The availability of reliable and appropriate information is key to the effective management of existing real estate as it supports decision-making together with the planning and performance of activities for the relevant buildings. BIM offers building owners and property managers accurate data on the entire real estate life cycle.

**Steiner BIM Academy**

Harnessing the potential offered by the new technologies requires more than just licences and tools: know-how and the support of specialists are equally crucial. The Steiner BIM Academy is an enabling programme aimed at maximising the benefits of BIM practices. Through training, mentoring, coaching, advice and tailored expert support, we will sharpen your company's competitive edge in the real estate market.

We will be glad to assist you with your BIM project and the digitalisation process in your company. We look forward to hearing from you: [digital@steiner.ch](mailto:digital@steiner.ch)