



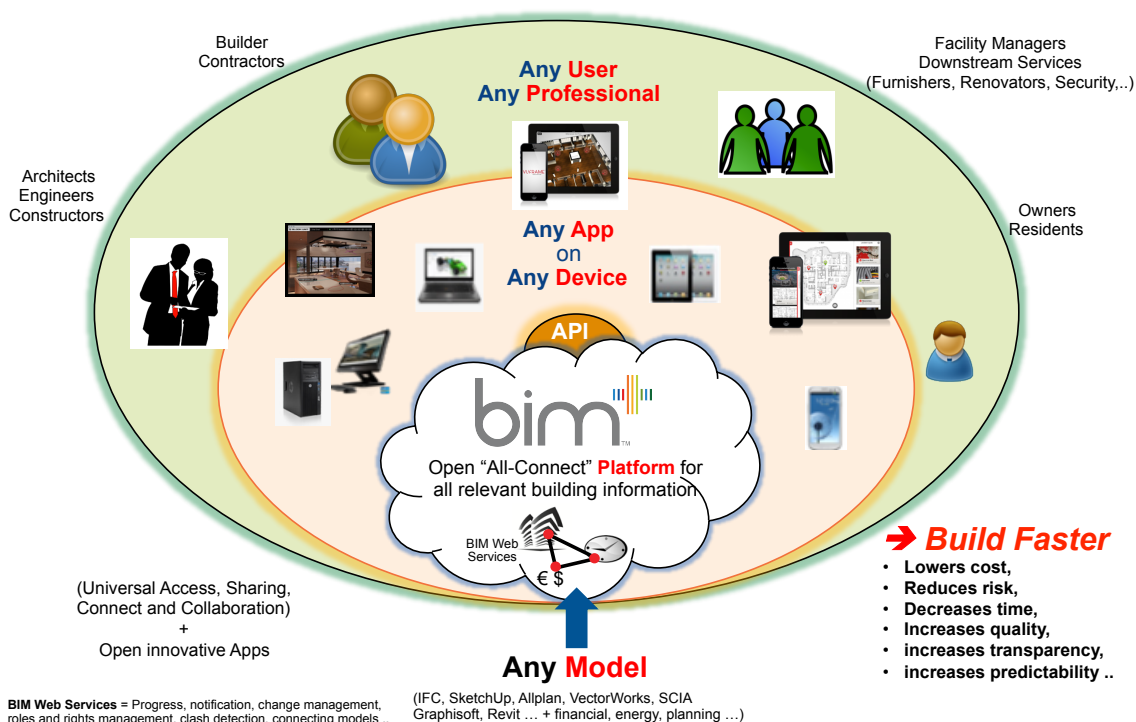
Reimagining the building Industry



bim+ → Build faster

Building projects regularly suffer from missed schedules and/or missed cost projections. The underlying cause, in most cases, is missing or poor connection between involved people, building information and tools used. This is becoming even more critical because the building projects involve multiple specialists, using a range of special tools and devices and being geographically dispersed and mobile. Fortunately, solutions based on new information technologies – like Cloud, Mobility and Apps – have already shown excellent results in other industries. They are also very promising for the building industry. bim+ platform is designed, adapting and tuning these new technologies for the building industry.

Future of Internet based building industry



Connecting all your building information

Building information is created by architects and engineers as BIM models. These models are complemented by relevant parts of additional financial, planning, project management information for a complete representation of the building design and plan. Models created by any of the popular tools like Allplan, Revit, SketchUp etc. can be imported to the bim+ platform. Having all the building information in the bim+ cloud based platform makes it very convenient to share and collaborate on the project for all parties involved in the design and construction and maintenance of the building.

bim+ provides additional BIM services for project management and collaboration – like progress, notification, roles and rights management, change management, issue management, clash detection and connecting of different information models. These services enrich the value and significance of all building information in the bim+ platform. Such services are essential and critical for the efficient management of mid-to-large size building projects. bim+ provides a central, cloud (public or private) storage for all elements of the project giving everyone a common and connected view of the project. This common-connected view can also be shared with non-AEC participants, like the builder or the owner.

bim+ opens up the building information to all participants in the building project including the builders, owners, users and services like facility management, furnishers, decorators, insurance, energy management etc. This is done via Apps for iPhone, iPad, Android, and Windows devices, which are commonly used by the involved users. The open bim+ platform provides a managed access of the integrated, connected BIM models for the building project to Apps via a clearly defined set of API. This API connects the building project information to a vast number of developers providing innovative Apps (including applications) that can operate on the building models and information. These Apps then allow downstream users to access the building information and models.

As a result, bim+ platform is unique in offering a cloud-based solution for the building industry that allows the flexibility of “any App, on any Device, on any Model.” This makes it easy for everyone involved in a building project – AEC professionals, builders, owners, investors, facility managers, finance, users etc. – to view, manage, share, connect and maintain the BIM information, during the entire lifecycle of the building process. This significantly eases the task of collaboration between the involved parties.

bim+ is provisioned as a cloud based, “pay-per-use” service to store and use building project information in Open BIM format. bim+ taps into the open innovation provided by a large number of worldwide AEC developers to source these bim+ compliant apps. In addition, bim+ provides a few critical foundation apps – like the bim+ Explorer, bim+ Viewer and bim+ Problem Spotter.

Business Benefits

bim+ provides significant business value for various parties involved in a building project: the AEC companies (Architects, Engineers, Constructors), App developers, users of information (property builders, owners) and a range of companies providing downstream services for the property (facility management, furnishers, decorators, energy, renovators, insurance etc.). However, the biggest value comes from the ability of all these people to communicate, connect and collaborate with each other via a common information-sharing bim+ platform.

- 1. AEC companies (professional creators of BIM models)**
 - a. A central location in the cloud for all the building project information
 - b. Sharing and collaboration platform between all AEC professionals
 - c. BIM services for project information management and connection
 - d. Import of all popular BIM model formats
 - e. Open BIM compliance
 - f. Access to open innovative Apps on popular user devices (e.g. mobile)
 - g. Anytime, anywhere access; mobility
 - h. Easy interface to customers, builders, owners and services
 - i. Structural Analysis
- 2. App Developers**
 - a. Single interface access to building information from any AEC vendor
 - b. Access to all popular BIM model formats
 - c. Open and worldwide
- 3. Users – builders, owners, leaser, ...**
 - a. Access to property viewing via Apps
 - b. Sharing for opinions, quotes and comments
 - c. Mobile access on popular devices via Apps – anytime, anywhere
 - d. Problem and information tagging
- 4. Facility management**
 - a. Access to “as built” situation for maintenance
 - b. Fire, evacuation, security services
- 5. Services – furnishers, decorators, renovation ...**
 - a. Access to property viewing via Apps
 - b. Service provision to users and builders – furnishing, decorations, lighting, plumbing, electrical, repairs, Insurance, heating, AC ...
 - c. Sharing for opinions, quotes and comments
 - d. Problem and information tagging

Summary

- bim+ is an open, “All-Connect” platform for connecting people, information and BIM models to build faster. bim+ is Open BIM compliant.
- bim+ provides universal access, sharing and connection of relevant building information; enabling seamless collaboration among all people in the project
- bim+ is designed, using the latest Internet computing, cloud technologies, mobile devices and social communication.
- bim+ is the future of the Internet based building Industry.

About Nemetschek bim+ GmbH

Nemetschek bim+ GmbH is a subsidiary of Nemetschek AG, located in Munich. Other Nemetschek AG subsidiaries include multiple professional AEC brands like Graphisoft, VectorWorks, SCIA and AllPlan.