

Providing Virtual (3D) Coordination And Space Management Services



Yariv Kafri

Ziggurat Systems, established in 2002, provides a comprehensive clash detection and space management service for the architectural engineering and construction (AEC) industry. Using breakthrough 3D modeling algorithms, their multi-disciplinary design and construction coordination experts help owners to migrate quickly from design to execution, significantly cutting down on development and construction costs.

Before You Build Technology

An outstanding 10% of budget overruns in the \$2.3-trillion construction industry result from design related issues. Ziggurat can help companies reduce the risk and over-budget costs through the use of their BIM services. Ziggurat Systems offers fast track and easy to implement BIM services by employing its "Before You Build" (B4UB™) technology to convert any 2D and 3D file into a manageable and interoperable 3D model with an overlay of all Architectural, Structural and MEP systems. This technology allows project managers to identify all design clashes in the model through the entire duration of the project, from design to construction. Implementing B4UB™ service in a project provides a comprehensive space management service to further save on time and avoid rework.

B4UB™ technology is easily implemented into the project as part of Ziggurat's service and allows all participants in the project to continue designing using the same applications they use today, without the capital investment and learning curve required when adopting new technologies. Other benefits include 3D modeling of "as built," on-demand section analysis and the ability to process any design file.

Typical Projects

The financial benefits of virtual coordination and space management can be achieved in any type of project, from complex healthcare and laboratory, all the way to residential and commercial buildings. Since its inception, Ziggurat has participated in over 70 projects and coordinated over 1.5-million square feet

worldwide. Projects and clients include Fortune 50 semiconductor companies, healthcare companies, transportation authorities, military agencies, and private developers of condominiums and office buildings.

In most cases, all parties who participate in a project are direct beneficiaries of the service.

For example, engineers and architects can easily review and resolve design hits, project managers can review a model of the project as design process progresses, and, most of all, owners, developers and design build firms see a direct and positive impact on the bottom line.

Experience With Top Projects And Developers

Ziggurat has provided its design services to many prominent New York construction industry leaders such as F.J. Sciamè, Cosentini Associates, Gotham Construction, Roseland Properties, Alexico Group and Extell Development Co. Ziggurat's BIM and B4UB™ technologies were implemented during the design, development, or build outs of dozens of buildings including 50 UN Plaza, Grand Central Terminal, Battery Park Community Center, St. Patrick's Cathedral, the Marriot Courtyard in Long Island City, NY, and the Mark Hotel.

They have even expanded into the international construction market with work on the Motorola Headquarters in Israel, the Bow building in Alberta, Canada Hadassah Medical Center, the Grand Mall in Bulgaria and various facilities of a Fortune 50 semiconductor company.

Ziggurat is led by CEO Yariv Kafri, who brings a diverse entrepreneurial business background to the firm consisting of executive sales and business development positions with various firms that provide technology-based solutions to corporations in Asia Pacific and the USA.

*Ziggurat Systems
60 North Prospect Avenue
Lynbrook, NY 11563
Tel: 212-729-5799*

Providing Virtual (3D) Coordination And Space Management Services



Yariv Kafri

Ziggurat Systems, established in 2002, provides a comprehensive clash detection and space management service for the architectural engineering and construction (AEC) industry. Using breakthrough 3D modeling algorithms, their multi-disciplinary design and construction coordination experts help owners to migrate quickly from design to execution, significantly cutting down on development and construction costs.

Before You Build Technology

An outstanding 10% of budget overruns in the \$2.3-trillion construction industry result from design related issues. Ziggurat can help companies reduce the risk and over-budget costs through the use of their BIM services. Ziggurat Systems offers fast track and easy to implement BIM services by employing its "Before You Build" (B4UB™) technology to convert any 2D and 3D file into a manageable and interoperable 3D model with an overlay of all Architectural, Structural and MEP systems. This technology allows project managers to identify all design clashes in the model through the entire duration of the project, from design to construction. Implementing B4UB™ service in a project provides a comprehensive space management service to further save on time and avoid rework.

B4UB™ technology is easily implemented into the project as part of Ziggurat's service and allows all participants in the project to continue designing using the same applications they use today, without the capital investment and learning curve required when adopting new technologies. Other benefits include 3D modeling of "as built," on-demand section analysis and the ability to process any design file.

Typical Projects

The financial benefits of virtual coordination and space management can be achieved in any type of project, from complex healthcare and laboratory, all the way to residential and commercial buildings. Since its inception, Ziggurat has participated in over 70 projects and coordinated over 1.5-million square feet

worldwide. Projects and clients include Fortune 50 semiconductor companies, healthcare companies, transportation authorities, military agencies, and private developers of condominiums and office buildings.

In most cases, all parties who participate in a project are direct beneficiaries of the service. For example, engineers and architects can easily review and resolve design hits, project managers can review a model of the project as design process progresses, and, most of all, owners, developers and design build firms see a direct and positive impact on the bottom line.

worldwide. Projects and clients include Fortune 50 semiconductor companies, healthcare companies, transportation authorities, military agencies, and private developers of condominiums and office buildings.

Experience With Top Projects And Developers

Ziggurat has provided its design services to many prominent New York construction industry leaders such as F.J. Sciamè, Cosentini Associates, Gotham Construction, Roseland Properties, Alexico Group and Extell Development Co. Ziggurat's BIM and B4UB™ technologies were implemented during the design, development, or build outs of dozens of buildings including 50 UN Plaza, Grand Central Terminal, Battery Park Community Center, St. Patrick's Cathedral, the Marriot Courtyard in Long Island City, NY, and the Mark Hotel.

They have even expanded into the international construction market with work on the Motorola Headquarters in Israel, the Bow building in Alberta, Canada Hadassah Medical Center, the Grand Mall in Bulgaria and various facilities of a Fortune 50 semiconductor company.

Ziggurat is led by CEO Yariv Kafri, who brings a diverse entrepreneurial business background to the firm consisting of executive sales and business development positions with various firms that provide technology-based solutions to corporations in Asia Pacific and the USA.

*Ziggurat Systems
60 North Prospect Avenue
Lynbrook, NY 11563
Tel: 212-729-5799*