

About Ziggurat Coordination Ltd-

Ziggurat was founded in 2005, a Systems Coordination and BIM Management pioneer in Israel. With two decades of experience and a growing team of 45 specialists operating across three countries, we have coordinated millions of sqm in high systems density and complex projects serving market's leading organizations.

Why Ziggurat

- **Parametric 3D Modeling:** Ziggurat provides full 3D coordination capabilities (like Revit) for AutoCAD-based projects, using a Ziggurat exclusive software with no extra charge.
- **Engineering Solutions, Not Only Finding Clashes:** Unique expertise in providing ultimate engineering solutions to ensure significant resource savings and prevent costly unplanned on-site improvisations.
- **Two Decades of Leading with Confidence:** A proven track record of over millions of sqm, offering developers and project managers engineering certainty at any scale.

The Revit Methodology-

Once models are received, consultant plans are comprehensively reviewed. A status report is generated across disciplines, highlighting coordinate and geometric gaps, including identifying model deficiencies to be completed by consultants. This approach ensures a solid planning baseline and prevents unnecessary delays in advanced coordination phases.

Cloud Collaboration-

We leverage the power of cloud platforms to create an integrated planning ecosystem, managing the platform for all consultants, starting with users' access and permissions, followed by intensive support and working standardization via BEP documents. This process ensures one professional language for all consultants, while updated models and planning outputs are fully accessible via the cloud environment.

Shadow Model: The Next Generation -

The Shadow Model sets us apart by integrating all core consultant models while maintaining absolute fidelity to the source data. The model allows alternative evaluation and optimized clash resolutions, considering three critical vectors:

- **Engineering Accuracy** – Aligning with current planning standards and professional excellence.
- **Operational Efficiency** – Optimizing systems routing to generate significant resource savings and shorten project timelines.
- **Maintenance Practice** – Ensuring full accessibility during both installation and long-term operations.

Clash Resolution: From Detection to Solution -

Our expertise extends beyond clash detection to optimized resolution. The process includes a dynamic status report presenting optimized solutions for each discipline, visualized via shadow model for consultant review.

Data-Driven Management –

Clash status is conducted with full disclosure and consistently reflected via status report.

- **PM Management Instrument** – The report serves as a control mechanism for monitoring consultant progress and preventing real-time bottlenecks.
- **Maximum Efficiency** – A coordination cycle per floor takes approximately 2-3 weeks (depending on complexity), ensuring a professional process.

Project Outputs: From Digital Model to Site-

Once coordination process is complete, we provide a full set of clash-free and construction-ready outputs.

- **Federated Model** – Integrating all systems into a fully synchronized and engineered federated model.
- **Plans and Sections** – Detailed working sheets for every floor, ready for print.
- **Clash and Resolution Reports** – A comprehensive log of every resolved planning junction, providing full disclosure to the entrepreneur and project manager.

Technology and Workspace-

We operate at the technological forefront, providing smart solutions tailored to any scale from small to mega-projects.

- **Advanced BIM Environment** – Operating Revit and Navisworks on the most updated versions.
- **Cloud Management** – Maximizing efficiency through real-time team management and synchronization via ACC, FORMA, and BIM 360.
- **Level of Development (LOD 300-450)** – Adjusting modeling levels based on project needs and construction requirements.

Our Clients and Experience-

Ziggurat's expertise serves a variety of clients: entrepreneurs and project management firms, public and governmental companies, defense industries, and local authorities. Our professional experience encompasses a wide range of sectors: residential and high-rise construction, mixed-use, offices, commerce, public buildings, logistics centers, infrastructure, and industry.

Our working method serves a single purpose:

generating significant resource savings, preventing costly delays, and shortening schedules toward early project delivery. We invite you to benefit from a professional framework that ensures high work standards and peace of mind in execution.

Our expertise in systems coordination is your security in execution. Looking forward to collaboration. For more information, visit the Ziggurat website.

