

How can your construction benefit from the BIM design philosophy?

Firstly, let's start with the basics. What is BIM?

BIM (Building Information Modelling), is the foundation of digital transformation in Architecture, Engineering and Construction (AEC). BIM integrates multi-disciplinary data to produce a digital representation of an asset across its lifecycle, from planning and design to construction and operations.

The incorporation of a Building Information Modelling project integration or simply, BIM design, is steadily increasing throughout the years as it is becoming an essential part, not only in architecture services but to Structural Engineering Services as well. Furthermore, civil and structural engineers around the world as well as civil engineers in Cyprus are currently making BIM design part of their philosophy in designing and constructing **modern buildings**.

Starting from the design to the development and maintenance of a project, BIM is an integral part of the construction of an asset. Leveraging the benefits of the BIM philosophy can aid civil engineers and their clients during the life-cycle of a **construction project**.

BIM is very popular in the Civil/Structural engineering industry since its **3D design** capabilities take drafting and detailing a step further than traditional **2D design**. BIM software allows users to visualize what their buildings will look like upon completion.

At **Platonas Stylianou & Associates Civil and Structural Engineers L.L.C**, we believe that sharing data at an early stage of a project can offer a thorough optimization during the design process and add a higher-quality outcome.

Our latest project as a **civil engineering company** that follows the BIM philosophy is a steel portal frame perfume factory in the Tseri area, in Nicosia Cyprus. Collaborating with the team of Zenonos & Zenonos Architects L.L.C the project is successfully coordinated at its design phase with the multidisciplinary BIM software, REVIT. Using the REVIT software, it is easier to cross examine the integration of architectural components of a structure to create a constructional harmony with the civil engineering models.

BIM design is undoubtedly the future of civil and structural engineering. The successful use of BIM for structural engineering companies is only achieved by the leading expertise and practical knowledge of structural engineering consultants. Our team of experts is dedicated to bring out the best outcome of a construction model to life by supporting and following the BIM philosophy.

You can discover more about our projects on our **Website**.