



How a Construction Leader Revolutionized 3D Design Workflows with **Foxit PDF Editor**



CASE STUDY

| Executive Summary

A prominent construction firm known for its innovative, large-scale building projects faced challenges managing complex 3D design workflows across teams. They turned to Foxit PDF Editor and its 3D plugin to streamline collaboration, reduce inefficiencies, and improve client engagement. Foxit enabled interactive 3D model viewing and annotation within standard PDFs, eliminating the need for multiple software tools and simplifying project communication.

| About the Company

The customer is a major construction firm with a reputation for delivering innovative, high-profile building projects. Their teams of architects, engineers, and project managers manage highly detailed 3D models to communicate and execute on design visions. Due to the complexity of their work, efficient collaboration and accurate design interpretation are critical to their success.



| Inefficient 3D Design Collaboration

The firm struggled to effectively view and collaborate on 3D models using traditional PDF tools. Switching between design platforms and limited interoperability led to delays, miscommunication, and a fragmented review process. Presenting 3D designs to clients was also cumbersome, requiring specialized software and additional explanation, limiting client engagement and slowing approvals.

| Foxit PDF Editor with 3D Plugin

Foxit introduced the customer to its advanced 3D PDF plugin, enabling teams to embed, view, and interact with 3D models inside PDFs. Project stakeholders could now zoom, rotate, annotate, and share 3D models from a single document, without needing proprietary 3D design software. This brought architects, engineers, managers, and clients into a unified, intuitive workflow.

| New Workflow with Foxit

- ✂ **3D models exported from design tools** and embedded in PDFs using Foxit's 3D plugin
- ✂ **Stakeholders view and inspect models** in Foxit PDF Editor with full navigation control
- ✂ **Comments and markups added directly** on the 3D model for contextual feedback
- ✂ **Centralized PDFs** used across departments and shared with external collaborators
- ✂ **Clients engage with interactive 3D models** during presentations, improving understanding and buy-in

| Key Results

The firm significantly shortened project timelines by streamlining collaboration across teams and eliminating the need to switch between multiple software programs. Clients could better understand the designs, leading to faster approvals, while the reduced reliance on specialized software helped cut licensing costs. Additionally, the user-friendly nature of Foxit PDF Editor enabled employees to adopt the new system quickly, minimizing training requirements.



"We've always relied on Foxit Software to keep our workflows running smoothly, and the introduction of the 3D PDF plugin has **taken our operations to a whole new level**. We can now view and collaborate on intricate 3D models seamlessly within our existing PDF workflows, which has **saved us a huge amount of time and effort**. Our teams and clients are more engaged than ever, and we've seen significant improvements in project delivery times.

We couldn't be happier with this solution."

Senior Project Manager

Building Smarter with Foxit

With Foxit PDF Editor and its advanced 3D capabilities, this leading construction firm didn't just improve internal workflows—they redefined how teams, clients, and partners engage with complex design projects. By consolidating tools, accelerating timelines, and enhancing collaboration, Foxit empowered the company to work smarter at every stage. If your organization is ready to modernize design review, reduce software overhead, and deliver clearer, faster outcomes, it's time to experience what Foxit can do.

Start your free trial today.





39355 California Street, Suite 302 Fremont, CA 94538, USA
Sales: 1-866-680-3668 Support: 1-866-693-6948 Or 1-866-MYFOXIT
www.foxit.com | Foxit Support Center: kb.foxitsoftware.com