



ATOM

Your eyes on the site.

AI Software for real-time construction site supervision.

Who we are

We are a team of 11 technology experts and civil engineers. Our vision is to transform construction sites into environments that resemble museums rather than jungles. Our primary goal is to enhance existing processes in the construction industry by implementing innovative technology. Our target markets are Israel, the USA, and Singapore.

Problem

Manual supervision of the building structure and lack of communication between on-site teams and various consultants lead to execution errors, resulting in rework and project delivery delays. In mega projects constructed with reinforced concrete, 10% of the project budget is typically wasted due to this process.

Solution

Atom is a platform designed for general contractors, structural engineers, and supervisors, providing automated comparisons between design and execution for building structures, including concrete, steel, and MEP systems. Our solution operates without on-site team intervention, utilizing crane-mounted cameras. Additionally, Atom functions as a Pre-Pour Checklist (PPC), ensuring all pre-pour inspections are automated and thoroughly documented, enhancing construction safety during the structural phase.



Flying Eye

24/7 site monitoring enhances communication among project stakeholders, enabling quicker and more accurate decision-making.



Site Insights

Ensures execution aligns with planning, eliminating rework, and provides clients with control over budgets and quantities through an automated Pre-Pour Checklist (PPC).



Eyal Safety

Worker without a vest, helmet, or harness? Walking under a crane lifting a load? This feature records the safety violation and sends it to the client within 60 seconds.