

Dome Construction



Utilizing CupixWorks to increase collaboration and efficiency through the life of a project

As one of San Francisco's leading builders, Dome Construction takes a modern approach to technology, giving employees innovative tools to boost their confidence and productivity. With CupixWorks, Dome Construction has improved streamlining office-field operation workflows and gained secure access to critical job site data.



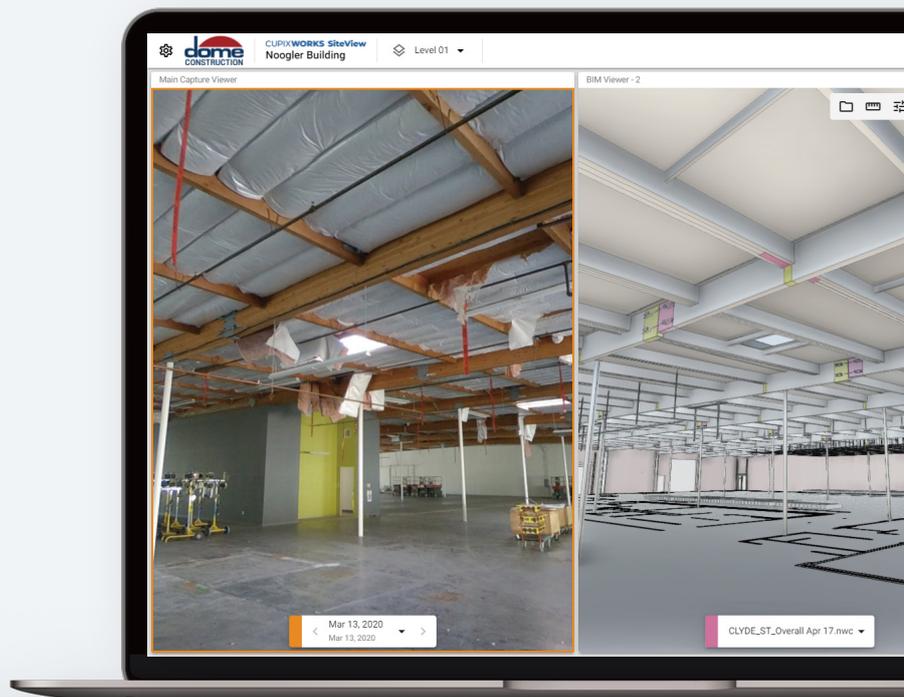
Shane Flanagan is a Senior Project Manager at Dome Construction, supporting two of its premier business lines: life sciences and healthcare.

"Right now, my focus is on pre-construction and streamlining office-field operation workflows. As such, I'm invested in normalizing the use of 3D digital twins to increase the efficiency of coordination activities, unify remote project teams, and provide a meaningful turnover package for post-construction, which sets up my clients for success and acts as a launchpad for future projects."

Seamless collaboration across the entire built-world lifecycle

CupixWorks is Shane's solution for leveraging 3D digital twins, and not just during post-construction. For the last three years he's used CupixWorks to increase collaboration and efficiency at every stage of his projects

"During pre-construction, Cupix is our window into the project before we set foot on the job site. We utilize it to scope the space, define parameters, and qualify assumptions to build the most successful documentation we can," says Shane. "And once we reach construction, it is a key management tool. We use it in owner, architect and contractor meetings to bring everyone we need to the site—safely, remotely and accurately."



Shane discovered the benefit of Cupix 3D digital twins as he sought to increase his own effectiveness as a project manager. "We were used to just sending pictures back-and-forth from the job site or jumping on FaceTime to solve problems. It meant we were often using old data to solve new problems. I began to realize that I could not check in on every project thoroughly on a regular basis."

"I demoed every solution under the sun, but when I reviewed Cupix's product, a lightbulb went off. From a technical standpoint, they offer exactly what we need for our types of projects, and they integrate with whatever we need. They checked the boxes and made it easy. There was no large, technical cliff to overcome."

"And their customer engagement is second-to-none."

Challenges

- Lost or outdated job site data
- Time-consuming on-site project management demands
- No integration between existing tools

Results

- Streamlined workflow
- Secure and remote collaboration
- Easy-to-use custom integration

Introducing operational efficiencies to teams and clients

"I've become an evangelist within Dome about Cupix," says Shane. "But it doesn't take a lot of convincing on my part to get my colleagues to use the solution. It's so easy to use and so intuitive to navigate. I don't even have to arrange for tutorials or training sessions for us to start using it immediately."



Dome is about to break ground on a multi-tenant, multi-phased life-science development project in Emeryville, CA. Shane is looking forward to engaging with his client and his team through Cupix as the project unfolds. "The entire experience with CupixWorks is holistic. It really puts a Project Manager at ease," adds Shane.

"It's easy to get started, easy to customize, and easy to share data with stakeholders. CupixWorks lets everyone across an entire construction project see the right data. Everyone gets value. Everyone benefits. It just makes everything a lot easier."