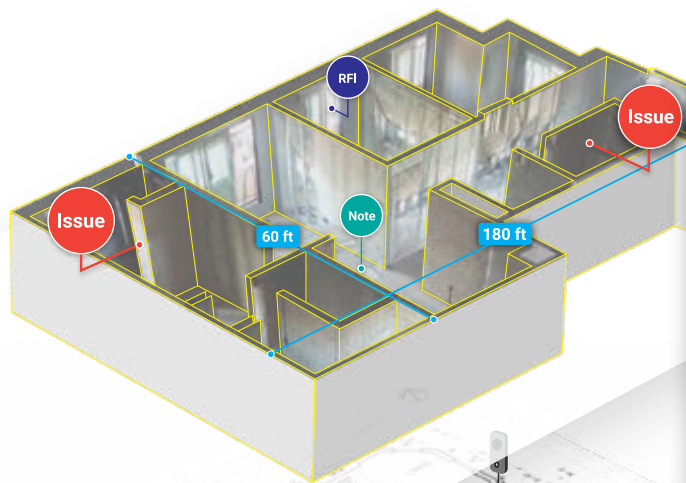# Track Progress, Reduce Rework, and Prevent Disputes with Easy-to-Create 360° Digital Twins

What if there was software that could improve the health of your projects by reducing the number of site visits, enhancing stakeholder communications, identifying issues earlier, and resolving them faster?

360° DIGITAL TWINS OF YOUR CONSTRUCTION PROJECT ACCESSIBLE ANYTIME, ANYWHERE

Introducing CupixWorks™, machine vision-powered software for the AEC industry that produces a spatially accurate digital twin using 360° photos. All you need is the Cupix Capture mobile app and a 360° camera. Mount the 360° camera on your hard hat (or just hold it on a selfie-stick), walk through your job site, and let Cupix take care of the rest!

· Track Issues Together
· Create Custom Annotation Forms
· Load BIM to Compare to Your Site
· Measure Distances Accurate to 1%

RFI

Issue

Issue SQ01

Check here

Project Manager
Door is 1 foot off to the right.

Superintendent

Project Engineer

Architect
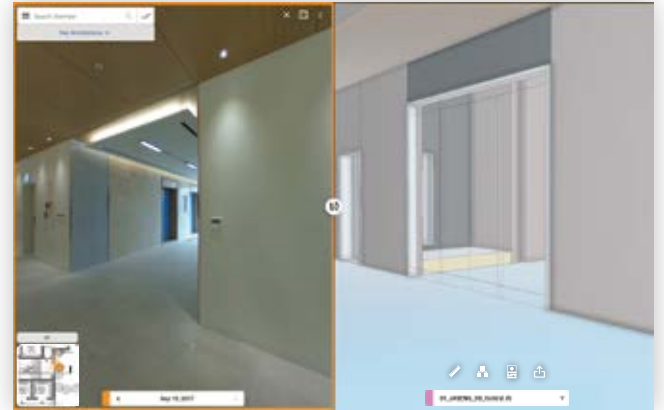
Issue

Note

60 ft

180 ft

Walkthrough Your Job Sites like Google Street View
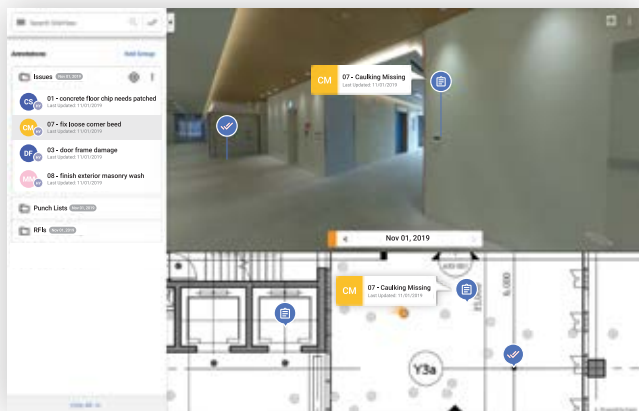
All Data Can Be Georeferenced

Reduce site visits

Create a comprehensive digital copy of your job site that is accessible anywhere, anytime. Streamline communication with annotations, tagging, side-by-side comparisons and virtual walkthrough.

Verify progress with visual context

Take a virtual job walk of your site with the most recent capture whenever and wherever you want. Compare digital twins of the same job site taken at different times or against BIM side-by-side to see the exact state of progress.
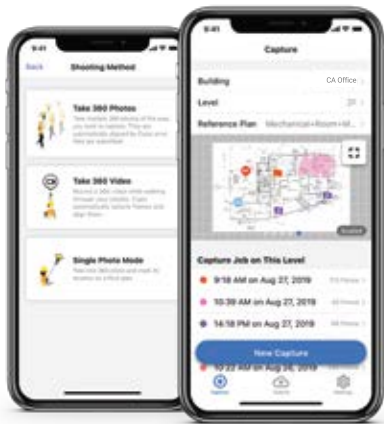

Annotate and track issues inside your digital twin

Create, share and complete RFI's faster with visual context that is pinned on your digital twin. Intuitively organize and search issues by location and date.

Aug 29   Sept 18   Oct 19   Nov 01

Document project history effectively

At the conclusion of a project, create a catalogue of digital twins, reference plans, RFIs, and other documentation, enabling a smooth handoff from project manager to owner.
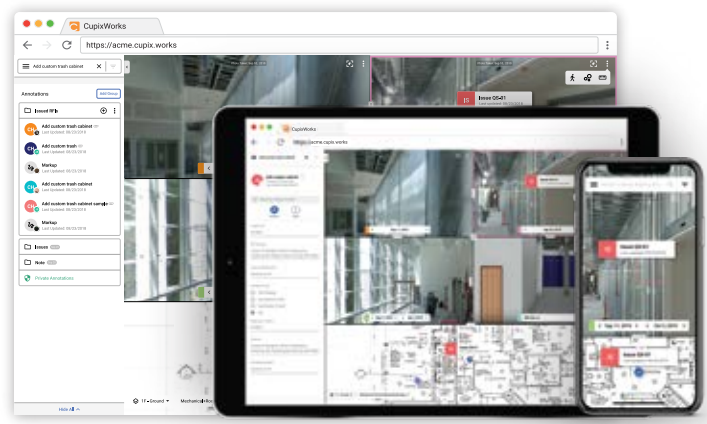
CUPIX
WORKS

Superintendent Project Engineer Capture Service Provider

Owner Project Manager Architect Superintendent Project Engineer Subcontractor

Cupix Capture™ Mobile App

Easily capture any space, at any time, in anycondition and automatically generate a digital twin.

- Passively capture your job site with 360° video and receive the digital twin, all within an hour.
- Generate clear digital twins of poorly lit sites using HDR 360° photos.
- Features high accuracy 360° photo alignment, which enables 3D measurements.
- Organize 360° photos on the fly using our new Building Templates that categorize photos by building, level, and reference plan.
- Take high-res mobile phone photos and add detailed notes of field issues, fill out field reports while walking the site, and tag them all on a reference plan.

Cupix SiteView™

Explore and collaborate on 360° digital twins with this fully web-based platform

- Compare up to 4 digital twins side-by-side to monitor progress at a glance.
- Spot issues sooner by comparing BIM and digital twins on a single screen.
- Measure dimensions using **DepthPick ™**(a unique patent pending technology that calculates 3D coordinates of a user picked pixel, without using a point cloud or 3D mesh data.)
- Pull up field reports, notes, and mark-ups from the jobsite.
- Control access permissions for subcontractors.
- Use our in-app communication platform to create and attach files to share, discuss, and resolve field issues quickly.
- Create RFIs, punch lists, and reports using our custom annotation features, or select ready-made templates from our library.

Cupix Capture Studio

Edit your site captures with this 100% web-based tool

- Have multiple captures and want to combine them? Easily scale your digital twin by aligning multiple captures into a common reference frame.
- Use advanced calibration functionalities to enable your project stakeholders to measure dimensions within 1% accuracy in the digital twin - without setting foot onsite.
- Control exactly who you share your digital twin with, and what sections.

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