

BracenBuild

CONSTRUCTION INTELLIGENCE

The software layer that turns a walk through a building into a progress number you can bill against.

bracenbuild.com · Live in production · Los Angeles, California

THE PROBLEM

On a large multifamily renovation, progress is reported, not observed. Percent-complete arrives as an opinion from the field, days or weeks after the work. Owners, lenders and contractors then argue over a number nobody actually measured.

Every party on the job is paying for the same walk to happen three times, and still no one trusts the result.

WHAT BRACENBUILD DOES

- **Reads the unit list directly off the architectural drawings** — no spreadsheet to build and none to maintain.
- **Holds scope items with whole-number weights per project, overridable per building** — so percent-complete is arithmetic rather than judgment.
- **Records an observed status for every unit on every walk** — not started, in progress, complete, blocked, not visible. A unit nobody looked at is not a unit at zero.
- **Runs in parallel with the incumbent system of record** — rather than demanding replacement on day one.

BUILT FOR ROBOTS FROM THE FIRST COMMIT

Capture and assessment are separated by a strict interface. The assessment engine does not know what carried the camera down the corridor.

A handheld 360 rig today. A quadruped or a humanoid tomorrow. Same interface, no rewrite — the robot becomes a capture device the platform already knows how to consume.

Straight about the gap: automated observation from footage is the next build. Today a walk is assessed by a person against the capture. The architecture to receive an autonomous walk is already in place; the vision pipeline is not.

WHAT IS LIVE TODAY

- **Units read off the drawings.** A three-sheet architectural PDF read back the full unit list for one building, matching the confirmed roster exactly.
- **Scope weights per project, overridden per building.** Whole numbers summing to one hundred, so a percentage can be checked by hand.
- **An observed status for every unit on every walk**, with how it was reached recorded beside it — named aloud on the walk, or inferred from a trade that could not have started otherwise. Coverage is reported separately from completion.
- **360 walk footage, uploaded and reviewable**, and searchable by unit number: what was said on the walk is written out, so one click moves the recording to the point where that unit was discussed.
- **Daily reports from the field** — typed or dictated on a phone, photographs attached, and the day's weather fetched automatically for the site so nobody types it.
- **Per-project roles and invitations** for contractor, owner, owner's representative, architect and lender. A role is per project: the same person is an administrator on one job and read-only on another.

WHERE THIS IS GOING

The full product strategy — intelligence loop, accountability engine, financial and schedule layers — is in **BracenBuild White Paper v1.0: Vision & Product Strategy**, on bracenbuild.com. Roadmap, not a feature list: nothing in it is described above.

Nearest of those: attaching that evidence to a pay-application line, so a percentage on a draw traces back to the walk it came from. The join and the endpoint exist; the screen for it does not yet.

THE PILOT

A pilot on one active jobsite: one building, one scope. You supply the site and the drawings; I supply the unit map, the scope weights and the assessment platform. It runs beside whatever you use today, and the output is a percent-complete number with the evidence behind every cell.