

Procore has become the place construction projects are run. RFIs, submittals, published drawings, budgets, inspections, and daily logs sit on one platform that the whole project team can reach from the office or the field. More than three million projects have run on it.

Every one of those projects also depends on files that are created somewhere else. Estimates and bid packages. Revit, Navisworks and Civil 3D models. Bluebeam markups. Schedules, scans, shop drawings, and fabrication files. They are created and reworked in desktop applications, on file shares, by teams in different offices, long before a version is published to Procore. And when the project closes, the firm's own record has to live somewhere years afterward.

Panzura CloudFS is the file system for that work. It gives every office one live set of project files that open at local speed, locks in real time, and cannot be encrypted or overwritten by an attacker. Procore keeps doing what it does. CloudFS takes care of the files on either side of it.

Procore is where the project is run. CloudFS is where the files behind it are made and kept.

1. Two Systems, Two Jobs

	Procore	Panzura CloudFS
What it is	Cloud construction management platform	Hybrid cloud file platform
What lives there	The published and shared version of the project: current drawings and specs, published models, imported schedules, photos, and the records created in Procore itself (RFIs, submittals, change events, budgets, daily logs)	The working source and the long-term record: the models, CAD and schedule files that published versions are exported from, plus estimates, bid files, markups in progress, scans, corporate files and closed-project archives
Who uses it	Everyone on the project, across companies: your team, plus owners, architects and trade partners	Your own employees only, including those on the project team and those who never touch Procore, working in the applications they already use
Where they meet	Receives each published version	Holds the file each published version came from, and the exported archive after closeout
How people reach it	Browser and mobile app	Standard Windows file shares and mapped drives
What it protects against	Miscommunication between project parties	Stale files, overwritten work, slow access between offices, data integrity, ransomware and data loss

There is no connector to install and nothing to configure in Procore. CloudFS appears to users as the same drive letters and folder paths they work from now.

2. Where the Files Live Across a Project

Project stage	In Procore	In CloudFS
Pursuit and preconstruction	Bidding with subcontractors (invitations, bid packages, bids received and compared), prequalification of trade partners, and takeoffs and estimates for firms that use Procore Estimating	The files prepared outside Procore: estimate workbooks and takeoffs from spreadsheets or desktop estimating tools, proposal documents, the source files that go into each bid package, and historical cost data, worked on by every office that contributes
Design and coordination	Coordination issues, published models for field viewing	The Revit, Navisworks, Civil 3D and CAD files themselves, open to several people at once with real-time locking
Publishing	The current set, distributed to the project team	The single live file each published version came from, so there is never a question about which one was uploaded
Construction	RFIs, submittals, change management, field reporting	Shop drawings, detailing and fabrication files, schedule files and markups in progress
Closeout	Closeout workflows and the project archive export	The exported archive, held on immutable storage under your retention policy
Years After	Access as your account and project status allow	Your permanent record, searchable and available to the people who are entitled to see it

3. What CloudFS Adds for a Firm Running Procore

The file you publish is the current one

A drawing set or model published to Procore is only as good as the file it was exported from. When that file exists on servers in three offices and a few laptops, someone eventually publishes the wrong one, and Procore faithfully distributes it to the field. CloudFS keeps one live data set for every office. The published version always traces back to a single file.

This matters more than it used to. A 2018 FMI and PlanGrid study of nearly 600 construction leaders found that 48% of rework on U.S. jobsites traces to miscommunication and poor project data and estimated the cost at more than \$31 billion a year.

Large files open at local speed in every office

CloudFS caches active files at each site and sends only changed data across the WAN. A federated model or a 400-sheet drawing set opens from a regional office as quickly as it does at headquarters. People stop saving files to their desktops to get work done, which is how most version problems start.

Nobody overwrites anybody

When a user opens a file, it is locked for every other office immediately. For Revit and other applications that support it, byte-range locking lets several people work in different parts of the same model at the same time. Your estimators, detailers and VDC team can work across offices the way they would if they sat on one floor.

A ransomware attack does not stop a bid or a job

CloudFS writes changed data to object storage every 60 seconds as new immutable blocks. Existing data is never overwritten, so it cannot be encrypted in place. If a share is attacked, you recover it to a clean state in minutes. There is no multi-day restore from backup while a bid deadline passes or a crew waits for drawings.

Your project record stays yours

On many jobs you work inside another company’s Procore account, with access that lasts as long as the account holder provides it. On your own jobs, Procore recommends exporting project data at closeout. Either way, the lasting record of what you designed, detailed, submitted and built is the one you hold. CloudFS keeps it on immutable storage with retention set by policy and a full history of who opened and changed what.

One file system in place of a server in every office

CloudFS consolidates per-office NAS and file servers into one global file system backed by the cloud object storage you choose. Global deduplication removes redundant data across every office and project. Licensing is based on capacity, so adding project staff, partners or a new office does not add per-user cost.

4. AI That Covers the Whole Project, and Every Project Before It

Procore has built AI into its platform, with agents that search specifications, drawings and RFIs and help draft submittals, RFIs and daily logs. That gives project teams fast answers from what is in Procore.

Much of what a firm knows sits outside any single project: how similar jobs were estimated, which details caused trouble last time, what the closeout file for a ten-year-old building says. That knowledge is in the file system. Panzura Nexus makes CloudFS file data askable in Microsoft 365 Copilot. Each user’s existing file permissions are carried through, so people get answers only from files they are allowed to open, and changes to files and permissions are reflected as they happen.

Both depend on the same thing. An AI answer is only as reliable as the file it was drawn from. With one live data set in CloudFS, the version an AI reads is the version your people are working on.

5. What Changes, and What Doesn’t

Stays exactly the same	Changes
■ Your Procore account, projects, users and permissions ■ Procore workflows, mobile apps and integrations ■ The desktop applications your teams use ■ Drive letters and folder structures, if you want to keep them	■ One live set of files for every office ■ Large files open at local speed everywhere ■ Real-time locking across offices ■ Immutable data with a 60-second recovery point ■ Per-office file servers and their refresh cycle retired

CloudFS runs alongside your existing storage during migration, so teams keep working while data moves. There is no single cutover weekend.

6. Is This You?

- You run Procore across two or more offices, and the same project files are worked in more than one of them.
- You have in-house estimating, VDC, BIM, detailing or design teams working in desktop applications.
- Large models or drawing sets are slow to open from some offices, and people keep their own versions as a result.
- You keep closed-project records on servers that are aging, filling up, or both.
- You work in other companies’ Procore accounts and want your own protected record of every job.
- A ransomware event on a project share would stop work, and your current recovery time is measured in days.

Single-site firms can get the same capabilities with Panzura Express, the single-site edition of CloudFS, available through Panzura partners.

NEXT STEP

Ask your Panzura partner or visit panzura.com to see CloudFS running the file types your teams use every day, across two of your own offices.

Procore is a trademark of Procore Technologies, Inc. Panzura CloudFS is an independent product. It is not a Procore integration, and Panzura is not affiliated with, endorsed by or sponsored by Procore. Other product names belong to their respective owners.