

Accelerate Collaboration and Reduce Costs for AEC (Architecture/Engineering/Construction)

BUSINESS CHALLENGE

The success of Architecture, Engineering, and Construction firms is increasingly reliant on the ability of a widely distributed workforce to collaborate effectively. To meet these challenges, a new generation of collaborative applications have been developed. The primary obstacle to achieving this goal is the latency or the time incurred when accessing and syncing files with a central server. Enhancing bandwidth provides some relief, but it does not address the latency challenges. To support these modern applications across globally dispersed sites, a consistent, distributed and secure cloud file system is required.

Panzura Freedom Collaboration™ Benefits:

- Accelerate Collaboration and Reduce Latency
- Increase Employee Satisfaction
- Eliminate Versioning Problem
- Improve Revit Performance
- Reduce Costs by 70%

SOLUTION OVERVIEW

Panzura Freedom Collaboration™ allows globally distributed users to work together as if they were in the same room. Our patented Panzura Cloud File System (PCFS) is a consistent, globally distributed file system designed specifically for the cloud. It enables our hybrid cloud storage solution to support complex applications to overcome the effect of latency between offices, eliminating delays in opening or synchronizing files. Customers can also make updates in real time, so they no longer have to reconcile different versions of the same file. Every user always has the same global experience. Traditional methods may include using such utilities as rsync, FTP, DFS/R, and Robocopy but they are not efficient. The following chart explains the difference in latency between using a NAS device versus using Panzura's Freedom Collaboration.

Without Panzura	With Panzura
Project Size: 1.5MB	
Round Trip Time	
86ms	0.56ms
Round Trip Requests: 15, 103	
Total Time Required	
22min (1,299sec)	8sec



“I’ve worked in IT at Mead & Hunt for more than 23 years and when a issue of this magnitude is solved, I like to call it a holy grail monument. I’ve only ever said that twice before, Panzura makes it three. That’s how great this product is to the industry.”

Andy Knauf, CIO, Mead & Hunt

CUSTOMER BENEFITS

Accelerate Collaboration & Reduce Latency

Panzura solves the ‘File Open’ problem, reducing BIM and CAD file open times from upwards of 20 minutes to as little as 8 seconds.

Increase Employee Satisfaction

Panzura enables AEC firms to tap into the value of their talent anywhere in the world and optimize expertise wherever it exists rather than having to rely on the resources of a single office or the relocation of employees to a different office.

Eliminate Versioning Problem

Teams using applications like Revit and AutoCAD can unlock only the file elements they need to access, which enables multiple teams to work on projects simultaneously.

Improve Revit Performance

Panzura enables Revit project teams to work together on the same project from different locations in real-time Element Borrowing across sites.

Reduce Infrastructure Costs Up to 70%

By taking advantage of the cloud, enterprises save up to 70% while achieving data center performance.

Security

Panzura’s immutable file system preserves data integrity, and reduces backup and recovery times.

About Panzura

Panzura is the leader in multi-cloud file and data management, which is a \$68B market opportunity. Its portfolio includes Panzura Freedom NAS and Vizion.ai. Freedom NAS provides software-defined, multi-cloud file services to enterprises in over 7500 sites globally. The Vizion.ai SaaS platform enables enterprises to meet the most demanding requirements for data search, analytics, and governance in a multi-cloud world. Panzura partners with cloud providers like AWS, Google, IBM, and Microsoft, and has over 400 resellers worldwide. Organizations like Fluor, Skidmore, Sony, Avis, American College of Radiology, LiveNation, Daimler, AFConsult, and Chevron use Panzura to consolidate and unlock the power of multi-cloud data management.

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