# Content Standardization Reduces Costs and Improves Operational Efficiency

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> **—Jim Puerner** | CIO, Tutor Perini

**AT A GLANCE**

**$250K**
annual savings

## A Legacy of Excellence

Since 1894, Tutor Perini Corporation has built an impeccable reputation. The company provides construction services and executes large, complex projects both on time and on budget, while adhering to strict quality control measures.

Today, the $5 billion, NYSE-traded, Los Angeles based company is a leader in civil and building construction. Tutor Perini offers diversified general contracting and design-build services to private clients and public agencies around the world with offices in the U.S. and Canada, Guam and the Philippines.

## A Changing Information Landscape

Construction firms generate enormous amounts of data and Tutor Perini is no exception. On-site project teams rely heavily on networked file shares for documents such as meeting minutes, daily inspections, change order requests, requests-for-information, AutoCAD files and large PDFs. In addition to file storage, the project teams and office staff collaborate and share internally among teams and externally with third parties such as contractors, architects and engineers.

## Looking for the Right Fit

The reliance on what Puerner calls "document management by email" led Tutor Perini and Puerner on a search for a solution that would give the company custodianship of their files, the ability to share files in the cloud and ensure "the ultimate source of the truth" was replicated back to network file shares.

"With the emergence of cloud technologies, we had employees using what were unauthorized services to meet their business needs. We didn't have a viable enterprise solution to offer, so we consciously didn't enforce our policy and block the use of these sites. There were many inherent problems with these services, most notably that they didn't replicate to our network, therefore we didn't have custodianship of our data. Additionally, the overall cost to the company for what were more than 400 one-off accounts had grown to unreasonable levels."

## The Solution

Puerner was diligent in selecting the right technology partner. He evaluated eight different solutions, including the most well known file sharing solutions. He says the choice to select Egnyte was all about the combined power of the Egnyte Hybrid deployment (Storage Sync) and the ability for users at Tutor Perini headquarters, job sites and mobile workers to collaborate in a secure and efficient way. "Egnyte was unique compared to the competition. In particular, we liked that we didn't have to buy a third party product to do the synchronization. Once we saw Egnyte and the synchronization tools it provided we were really excited as that has a huge differentiator. Also the integration with active directory was a huge win for us."

With the Egnyte Hybrid deployment (Egnyte Storage Sync), job site employees are now able to work on mission-critical documents in real-time and replicate changes back to the cloud without worrying about potential bandwidth restrictions associated with moving large files.

Content is downloaded onto a local instance of Egnyte Storage Sync running at the job site. The software handles the process of downloading and uploading changes to content to the local site and then back to the cloud—creating a seamless, secure, fast and reliable connection for everyone involved with a project.

**COMPANY**

Tutor Perini Corporation is a leading civil and building construction company offering diversified general contracting and design-build services to private clients and public agencies throughout the world. They have provided construction services since 1894 and have established a strong reputation globally by executing large complex projects on time and within budget while adhering to strict quality control measures.

**LOCATION**

Los Angeles, CA

**INDUSTRY**

Architecture, Engineering and Construction (AEC)

> Now that I'm having people using Egnyte I'm receiving more requests from people saying 'please set me up for the Egnyte app, I don't need a local file server'—we're eliminating some of our distributed computing services. That's going to make our IT operations even more efficient and cost effective in the future.
>
> **—Jim Puerner** | CIO, Tutor Perini

## Egnyte also helped solve several other issues for Tutor Perini including:

**Latency issues:** AEC firms are faced with the dual-issue of working with large files such as blueprints and dealing with bandwidth constraints. Egnyte Storage Sync helped synchronize data and ensure mission critical files were available instantly to remote users.

**Mobile access and sharing:** With users spread across the globe, the ability for Tutor Perini users to access data is vital. With Egnyte Storage Sync, Tutor Perini now has 24/7 connectivity to business data regardless of project size or location. "Egnyte has become a staple in our job site operations now, from three guys working over mobile broadband, to over 200 people working on a multi- billion dollar project like Hudson Yards in New York."

Centralized permission control: Along with collaboration by email and sharing via an obsolete FTP server, Tutor Perini had a number of users sharing and storing with unauthorized external sharing accounts. Egnyte storage sync has enabled Folder and sub-folder access and permissions to be uniformly enforced across cloud and local storage systems. Puerner says reigning in the unauthorized accounts through Egnyte "saved one business unit alone more than $6,000 a month."

## CHALLENGES

- Collaboration through email and aging FTP server inhibiting productivity and efficiency.
- Need to enable workflow between internal staff, sub-contractors, architecture and engineering firms and the site owners.
- Reliable, secure access to files, such as change orders, contracts and CAD drawings.
- Users acting outside of IT policy and using unauthorized services to store and share files led to lack of control and oversight.

## BENEFITS

- Estimated $250,000 savings per year through standardization on Egnyte
- Additional $6,000 in monthly savings through curtailing of unauthorized file sharing site usage.
- Tens of thousands saved in legal discovery costs through streamlined replication of data from end-user devices to network file shares.
- More than 11 TB of data in the Egnyte cloud in less than a year.

> "What I hear most is that our users now have total control, they get their own personal folder and they can grant whatever access rights they want to the files in that folder.
>
> **—Egnyte User** | Tutor Perini

## The Rewards

Deployed in every business unit, from the civil group and building group, to the specialty contractors group—Egnyte has become the standard for Tutor Perini. The project teams and operations groups now have anywhere access to a file sharing and collaboration platform and the IT administrators are now able to monitor and secure sensitive information. In less than a year, Tutor Perini is already managing over 11 TB of data on Egnyte and growing.

Puerner estimates more than $250,000 per year in savings to the enterprise from the cloud sharing/storage platform alone. Additionally, Egnyte Storage Sync allowed Tutor Perini to avoid the costs of farming data from end user devices for legal discovery. "In the past, if we received a legal hold order, we would have to collect PC's, hard-drives and look for any other unique data that existed on a device or in an unauthorized cloud service. We don't have to worry about that manual process anymore. It's amounted to tens of thousands of dollars saved in legal discovery costs."

**SOLUTION**

Egnyte Hybrid deployment with Storage Sync (VMware Server, NetApp, Hyper-V, ReadyNAS)

Egnyte Web Edit

Egnyte for Microsoft O365 (co-authoring capability support with Microsoft Office Online)

Smartphones, tablets and laptops

## EGNYTE

In a content critical age, Egnyte fuels business growth by enabling content-rich business processes, while also providing organizations with visibility and control over their content assets. Egnyte's cloud-native content services platform leverages the industry's leading content intelligence engine to deliver a simple, secure, and vendor-neutral foundation for managing enterprise content across business applications and storage repositories. More than 16,000 companies trust Egnyte to enhance employee productivity, automate data management, and reduce file-sharing cost and complexity. Investors include Google Ventures, Kleiner Perkins, Caufield & Byers, and Goldman Sachs. For more information, visit www.egnyte.com