



EGNYTE

Why Top-Ranked ENR Firms Are Fast-Tracking Digital Transformation With Egnyte

In today's rapidly evolving construction landscape, contractors face unprecedented challenges managing the ever-growing volume of project data. As the industry increasingly digitizes, leading firms turn to innovative solutions to streamline operations, enhance collaboration, and gain a competitive edge. Egnyte, a purpose-built document management platform, has become a game-changer for many top contractors.



How Can Contractors Use Egnyte to Ensure Seamless Collaboration Within Their Teams and External Partners, Whether Working From the Office or on the Jobsite?

CLOUD-BASED SOLUTION

The shift towards cloud-based solutions in the AEC industry is undeniable. In fact, the Dodge Report, **“Data Resilience in Design and Construction: How Digital Discipline Builds Stronger Firms,”** found that 85% of companies had no issues utilizing their cloud-based solutions. Egnyte’s cloud-based platform is at the forefront of this trend, enabling real-time collaboration and versioning on large files—a critical feature for construction projects involving complex drawings and extensive documentation.

The impact of this technology is evident in the experience of industry leaders like PCL Construction, ranked 10th among general contractors on the ENR Top 400¹ Contractors List. Mark Bryant, CIO at PCL Construction, emphasizes the transformative nature of Egnyte’s solution: “The use of Egnyte has saved our users a ton of time. More importantly, it’s changed the way they operate and do business in the field.”

This testimonial underscores how Egnyte’s purpose-built platform, which functions in low- to no-bandwidth environments, streamlines project document collaboration and revolutionizes operational processes, allowing construction professionals to work more efficiently in the office and on-site.

¹ ENR Top 400 Contractor's List

AEC APPLICATION SUPPORT WITH CLOUD-ENABLED DESKTOP EXPERIENCE

Egnyte's cloud-based platform offers a unique advantage for AEC firms by providing a familiar desktop and mapped drive experience, without a VPN, that seamlessly supports common AEC applications crucial to the industry. This feature allows teams to continue using essential tools like AutoCAD, Bluebeam, and Adobe Creative Suite while benefiting from the collaborative advantages of cloud-based solutions.

The impact of this capability is evident in the experience of leading contractors. Aaron Geiger, CTO of Alberici, a company ranked 36th among general contractors, highlights the effectiveness of this approach: "Our VDC and marketing team were very happy with the performance and features, it allows them to collaborate from anywhere seamlessly."

Egnyte addresses a critical need in the AEC industry by supporting desktop-dependent AEC applications within a cloud environment. It allows firms to maintain their established workflows and leverage existing software investments while embracing cloud-based collaboration.

INDUSTRY INTEGRATIONS

Egnyte's platform is proven to meet the unique needs of the AEC industry. With a broad suite of industry integrations, including Procore, Autodesk Construction Cloud, Bluebeam, and others, Egnyte functions as a comprehensive digital backbone and conduit for all documents and the data contained therein.

This specialized approach has proven invaluable for leading firms in the sector. Raghu Kutty, Chief Information Officer at Power Design, ranked 28th among ENR's top 600 specialty contractors, attests to the platform's effectiveness: "Egnyte integrates with all of our systems, which allows us to collaborate more efficiently with our partners and get projects done faster."

This seamless integration across various systems streamlines workflows and significantly enhances collaboration efficiency, ultimately accelerating project timelines and improving overall productivity in the construction process.



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Raghu Kutty
Chief Information Officer at Power Design

ADVANCED FILE MANAGEMENT CAPABILITIES

Egnyte's platform addresses common challenges in AEC collaboration through its advanced file management capabilities, including real-time co-editing, global file-locking, versioning, and large file handling. These features are crucial for facilitating access to critical project data and reducing wait times, especially for dispersed teams working across various locations.

The impact of these capabilities is evident in the experience of leading contractors like Alberici's. Ron Borrer, Director of IT Infrastructure at Alberici, highlights the transformative effect of Egnyte's solution: "Egnyte has opened new possibilities for field access that were previously unavailable. The VDC and BIM teams utilize Egnyte to sync huge files offline. They have been our largest proponents of Egnyte."

By implementing Egnyte's comprehensive collaboration features, contractors like Alberici have overcome these challenges, significantly enhancing their ability to work seamlessly across remote teams and with external partners. The platform's scalability and efficient file-handling capabilities ensure that teams can access and collaborate on large and project files without the delays that previously hindered productivity.



Egnyte has opened new doors of possibilities where we didn't have access out in the field previously. The VDC and BIM teams utilize Egnyte to sync huge files offline. They have been our largest proponents of Egnyte."

Ron Borrer,
Director of IT Infrastructure at Alberici





How Do Contractors Leverage Egnyte To Enhance Their Security And Compliance Needs?

Data security and compliance have become increasingly important in the AEC industry, where sensitive project information is constantly shared among various stakeholders. Recent industry data underscore the urgency of this issue. According to the Dodge Construction Network report, general contractors are particularly vulnerable, with 70% experiencing a cybersecurity threat and 30% suffering a ransomware attack since 2021. And if they do experience an attack, the impacts can be dire, with 77% of firms saying they cannot go more than five days without access to documents before experiencing severe schedule impacts on their projects. These statistics underscore the importance of implementing strong data governance solutions in the AEC industry. Recognizing this need, leading contractors are turning to advanced platforms like Egnyte.

As Marti Smith, Chief Information Officer at Brasfield & Gorrie, emphasizes, “By using Egnyte, we exceeded expectations for both compliance and efficiency for our federal and commercial work.” This statement highlights the dual benefits of robust data governance: ensuring contractual compliance while enhancing operational efficiency—both of which are critical advantages in today’s competitive construction landscape.



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Marti Smith,
Chief Information Officer at Brasfield & Gorrie

RANSOMWARE DETECTION AND RECOVERY

Egnyte's ransomware detection and rapid recovery tools provide critical protection for AEC firms against the growing threat of cyberattacks. The platform utilizes AI to monitor file activity and detect potential ransomware attacks in real-time. Mark Mandarelli, CIO at Helix Electric, highlights the effectiveness of Egnyte's ransomware detection capabilities: "When we look at how Egnyte plays a role in protecting Helix from ransomware, it's monitoring what's going on. Somebody is changing a lot of files in a very short time. This isn't normal and is a sign of a ransomware attack." This proactive approach to cybersecurity allows AEC firms to quickly identify and respond to potential ransomware threats, minimizing data loss and operational disruptions. By leveraging Egnyte's robust ransomware protection, contractors can safeguard their valuable project data and maintain business continuity in the face of evolving cyber threats.

INDUSTRY-SPECIFIC COMPLIANCE

Egnyte's compliance management tools have proven indispensable for contractors working on government projects. These tools address the complex regulatory requirements of handling sensitive government data, such as the Cybersecurity Maturity Model Certification (CMMC).

Mark Bryant, CIO at PCL Construction, highlights the critical role Egnyte plays in achieving and maintaining compliance: "We knew we needed a solution to achieve CMMC certification ahead of the deadline. As an existing Egnyte customer, we found that Egnyte not only helped us achieve CMMC compliance and bolster our cybersecurity but also ensured continued compliance.."

This testimonial underscores Egnyte's ability to meet current compliance requirements and provide a framework for ongoing adherence to evolving regulations, ensuring that contractors can confidently manage data in a secure environment.

PRECISE PERMISSIONS MANAGEMENT

Egnyte's granular access controls allow contractors to manage permissions precisely, ensuring that sensitive project information is only accessible to authorized personnel.

Shawn Winters, IT Director at Torcon Construction, discusses the ease of managing permissions with Egnyte: "The biggest improvement is speed and reliability. Egnyte is easily 5 to 10 times faster with little or no downtime at all. We no longer have to deal with platform problems, managing sync and clients, permission issues that don't propagate, and waiting for support. Egnyte gave us 5 to 10 hours per month per employee back in time."

By implementing these comprehensive features, contractors can significantly enhance their data security, maintain compliance with project and owner requirements, reduce project risks associated with data breaches or loss, and strengthen partnerships through secure, efficient collaboration.



How Can Contractors Leverage Project Data To Drive Better Decision-Making?

In the data-driven world of modern construction, extracting valuable insights from project data has become a critical competitive advantage. The construction industry is rapidly embracing artificial intelligence (AI) and machine learning (ML) technologies, with 74% of AEC companies globally using AI in one or more phases of their building projects. Nearly half of AEC firms utilize AI specifically for design (48%) and planning (42%). Moreover, 84% of AEC firms plan to increase their investment in AI over the next five years.² These statistics highlight the growing recognition of AI's potential to transform the industry and the need for robust, trustworthy AI solutions like those offered by Egnyte.

The impetus for this significant digital transformation stems from the construction industry's exponential growth in data storage requirements and the widespread adoption of cloud technologies. Egnyte's 2024 AEC Data Insights Report shows that the construction segment's cloud storage usage has surged over 400% from 2018 to 2023. This dramatic rise underscores the industry's dependence on data, highlighting the growing need for robust data management and analysis.

As contractors increasingly adopt digital technology-driven processes, the demand for sophisticated tools like Egnyte to securely store, manage, and analyze large volumes of project data has become paramount. This transition not only facilitates better collaboration across dispersed teams but also enables contractors to leverage advanced features such as AI-powered content analysis and predictive analytics, ultimately driving more informed decision-making and improved project outcomes in the increasingly digitized construction landscape. Egnyte has three specific capabilities to help firms derive more significant insights from their data.

² Construction Dive, [Survey Finds AI Has Taken Hold in AEC](#), November 6, 2024

HOLISTIC DATA INTEGRATION

Egnyte offers robust integrations that enable contractors to gain a comprehensive view of all their project data, including metadata. These integrations allow seamless connectivity across various tools and systems used on construction projects, providing a single source of truth for all project-related information.

ADVANCED DATA MANAGEMENT

The platform includes sophisticated data management features that help contractors maintain control over their ever-growing data repositories:

- ▶ Automates the entire lifecycle of a project's files and folders, from creation to archival or deletion, in accordance with contractual obligations with project data lifecycle management.
- ▶ Identifies and manages redundant, outdated, and trivial (ROT) data, reduce storage costs, and enhance AI-driven insights with ROT data control.
- ▶ Allows users to quickly locate and secure critical documents across multiple systems, improving efficiency and decision-making with cross-repository search.

AEC-SPECIFIC AI COPILOTS

Egnyte utilizes specialized AEC generative AI copilots to provide deeper insights across accumulated project data. These copilots can:

- ▶ Identify mislabeled project documents and images, stored in the wrong place, or have been overly shared.
- ▶ Derive insights and summarize dense documents such as specifications, contacts, and other project files.
- ▶ Index and summarize past project pursuits for future bidding intelligence.

By leveraging these advanced features, AEC firms can unlock the full potential of their project data, leading to better outcomes, increased efficiency, and a stronger competitive position in the market.

Glen Becker, Senior Director of Technology Operations at ARCO Construction, highlights Egnyte's pivotal role in its digital transformation: "The Egnyte platform has evolved beyond simple file management—it is now the foundation of our project collaboration and data management strategy. With Egnyte, we're well-equipped to support our future growth and meet advancing technology needs."

By harnessing the power of Egnyte's AEC-specific AI features, contractors can unlock the full potential of their project data, leading to better outcomes, increased efficiency, and a stronger competitive position in the market.



Accelerate Your Digital Transformation With Egnyte Today!

Are you ready to transform how your construction firm manages project data, enhances collaboration, and drives better decision-making? Egnyte for AEC is tailored to the unique needs of leading contractors.

Take the next step in your digital transformation journey:

1. **Speak with an expert:** Discuss your challenges with our AEC industry specialists and discover tailored solutions.
2. **Schedule a demo:** See Egnyte's powerful features in action and learn how they can be customized for your needs.
3. **Start a free trial:** Experience how Egnyte can streamline your operations and improve project outcomes.

Don't let disparate data hold your projects back. Join the ranks of industry leaders who are leveraging Egnyte to stay ahead in the competitive construction landscape. Contact us today to learn how Egnyte can revolutionize your data management and propel your business forward.



Egnyte combines the power of cloud content management, data security, and AI into one intelligent content platform. More than 22,000 customers trust Egnyte to improve employee productivity, automate business processes, and safeguard critical data, in addition to offering specialized content intelligence and automation solutions across industries, including architecture, engineering, and construction (AEC), life sciences, and financial services. For more information, visit www.egnyte.com.

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