



Top Challenges Project Leaders Face

*and How to Overcome
Them for Efficient Project
Delivery*

Your Project Delivery is Advancing



You have always striven for your project's designs to be submitted on time, within budget, and according to specifications. However, this practice can become less efficient when issues arise, such as friction in design work and collaboration, unforeseen changes in designs and project scope, and lost or erroneous information.



While it can be tempting to conduct business as usual, tighter schedules and heightened expectations in today's engineering landscape make the margin for error lower than ever and mean that even a single miscommunication or mistake can result in major headaches downstream.



However, recent technological advancements have ushered in an unprecedented era of connectivity in the engineering, architecture, and construction (AEC) industry, making it easier to deliver needed results by accelerating collaboration and design workflows and improving design content management throughout the project lifecycle.

It's no surprise that the move to digital project delivery is changing the way that teams collaborate and manage information, enabling them to **work smarter, not harder, to deliver better results.**

Same Old Approach, Same Old Results

Inefficiencies are often preserved in project workflows, failing to evolve as new solutions emerge. Even though advancements make it easier for project teams to stay on schedule and avoid risk, going digital can seem expensive and complicated to some people, while others disagree that their projects need bigger, faster, or better processes. Others think that the status quo is good enough. (It's not.)

Some projects still rely on paper-based workflows, internal network drives, or generic file sharing services to manage, share, and collaborate on design content. While teams may get by with spending time locating and verifying information while hoping design content doesn't get lost or misused, these methods can slow down workflows. It's especially the case when designers share files in ways that the project team and supply chain can't readily access, leading to confusion and opening the process up to error.

The problem with using disjointed, unmanaged, or siloed methods is that they obstruct the ability to effectively collaborate and manage design content. Not only do engineers waste billable hours trying to find needed information, but they risk costly mistakes and increased rework. In today's AEC industry, one issue can have a huge ripple effect, lengthening design and approval processes and negatively impacting how the asset is built.



Embrace Innovation to Work Smarter, Not Harder

Fortunately, these issues don't have to hold your team back, especially when new, cloud-based solutions can readily facilitate seamless team collaboration, expedite key design workflows, and significantly reduce project risk.

These solutions are effective because they holistically address the processes surrounding how your team works with designs and submits deliverables, as well as how they connect with internal and external project participants. By establishing a single source of truth on your project, your team can be more productive by eliminating any unnecessary steps in delivering an asset, while mitigating risk by providing an efficient way to centralize and manage content across the project.

As the digital transformation reshapes how projects are designed and managed, you need to embrace innovation so your team can work faster, work better, and deliver results.

However, there are challenges that you first must overcome:



Siloed frameworks impeding efficient project collaboration and design work



Unmanaged information opening your project up to unnecessary risk



Ad hoc workflows making it harder to make informed, data-driven decisions

 **CHALLENGE:****Siloed frameworks impeding efficient project collaboration and design work**

When it comes to collaboration among your project team, siloed work environments and disjointed file-sharing can lead to internal chaos. In these cases, participants often waste time searching for files, verifying they have the correct files, or getting caught in rework if they use incorrect ones, delaying production and falling behind schedule.

 **SOLUTION:**

What if you could...

Increase the Speed and Quality of Collaboration

You can align your entire project team in a connected data environment that enables project participants across disciplines and offices to seamlessly locate information and streamline workflows to collaborate more efficiently on designs. By facilitating access to up-to-date files and breaking down barriers impeding collaboration, your team is connected and can quickly create designs and respond to changes easily staying on schedule. The focus is on what matters most – the design work.



CHALLENGE:

Unmanaged information opening your project up to unnecessary risk

With rising project performance expectations, it's important to maintain good communication with project stakeholders to deliver your best work. If your team members use inefficient workflows to store and work with design content, there is the risk of increased rework and time, leading to higher costs and more delays than originally expected.



SOLUTION:

What if you could...

Streamline Access to Project Information

You can create a single source of truth to manage information across your project, establishing definitive versions of design files to share with stakeholders while maintaining instant access to the most up-to-date information. A common set of standards and workflows saves time and makes it more efficient to communicate with stakeholders, whether you are working on simple or complex projects.

 **CHALLENGE:****Ad hoc workflows making it harder to make informed, data-driven decisions**

It can feel like a superhuman effort to understand what the data is telling you, particularly if your team relies on ad hoc processes to work with design deliverables. Not only do these workflows delay the creation of transmittal and submittal packages, but they also make it harder to make informed decisions and force you to rely on opinions rather than facts.

 **SOLUTION:**

What if you could....

Drive Better Project Outcomes

You can leverage automated workflows to expedite the assembly, review, and approval of design deliverables on your project while tapping into readily accessible project insights to take actions to reduce risks. It's easier for you to use what was once considered "dark data" to process design deliverables faster, spotting trends and circumventing potential bottlenecks before they occur through adjustments rather than overhauls later in the process.

Adapt Today with ProjectWise®!



Efficiently deliver quality design projects



[Learn more about ProjectWise today.](#)

ProjectWise – our collaboration and information management solution, developed for the specific needs of infrastructure projects – enables design project leaders to consistently deliver projects on schedule, within budget, and according to specifications by seamlessly connecting teams, information, and workflows throughout the design project lifecycle.

With ProjectWise, you can:

-  **Increase the Speed and Quality of Collaboration**
Keep your entire team on schedule through a common set of standards and workflows.
-  **Streamline Access to Project Information**
Coordinate design work among stakeholders with instant access to up-to-date information
-  **Drive Better Project Outcomes**
Make timely data-driven decisions based on on-demand project insights