



GET STARTED GUIDE

Key Components for Successful Digital Transformation in the Construction Industry



In 1859, Charles Darwin asserted that species who adapt to a changing environment have the best chance of surviving. The world continues to evolve, and more than 150 years later, we still see that those who successfully navigate it rise to the top.

Those who remain constant are left behind.



Digital transformation enables companies to react to that change by creating more effective efficient processes that produce happier, more focused customers and employees and more profitable businesses.

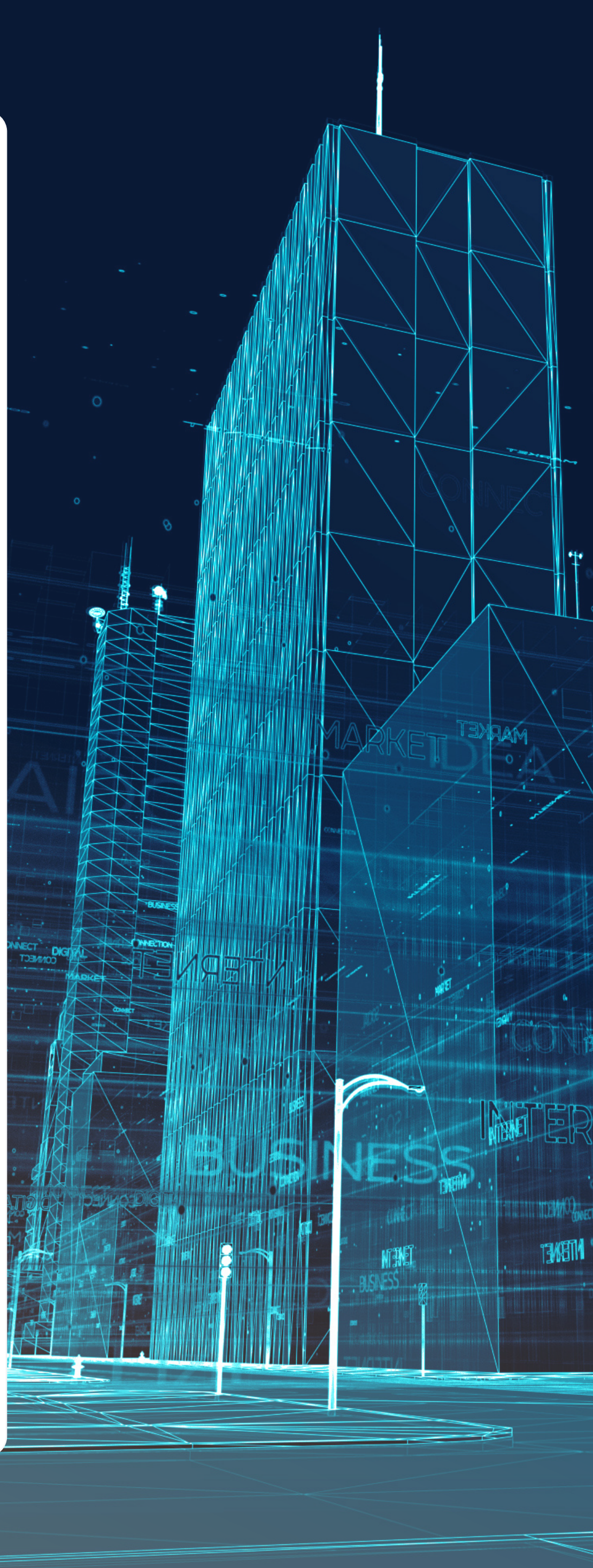
No matter your role (project owner, program management firm or general contractor), you have heard of digital transformation; you theoretically know why it should matter to your business. Hundreds, if not thousands of articles, surveys and reports have been published on digital transformation, yet so many businesses have yet to act. Why? Maybe because it is hard. Maybe because it is perceived as being costly. Maybe because it takes time.

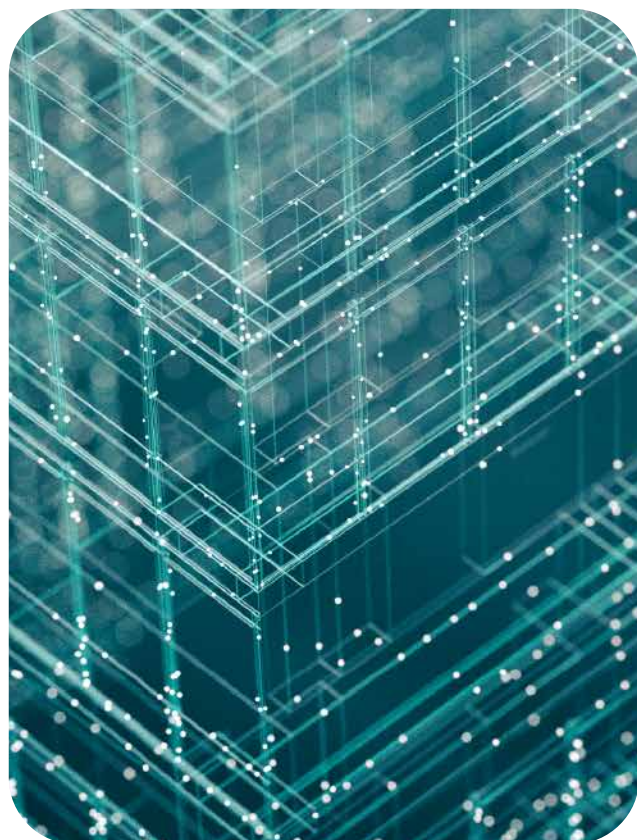
Setting out to digitally transform your business is no simple task, just like building a 40-story high rise isn't easy. Each stakeholder has a specific part to play.

If left uncoordinated, not much would get accomplished individually. But when working together, something amazing can be created. Your digital transformation journey should not be any different.

You cannot focus digitalization efforts in just one area of your business and expect to see meaningful results. Plans and tactics need to be coordinated across the enterprise and align with the overarching strategic goal of improving your entire business. Any digital transformation initiative begins with having the right set of tools, and often times in the construction industry, a project management system is at the core.

In this guide, you will discover the key components needed to successfully launch your initiative and what to look for when selecting the right foundation to support your digital transformation journey.





Flexibility

What is it?

Having a solution that conforms to your own business processes – not the other way around.

Why is it important?

Traditional on-premises or SaaS software comes with standard functionality and preset workflows based on the capability and backend design of the product. Because of this, end users are forced to buy a tool that does not mirror their current operations or go through a long, expensive process of having custom software developed. However, with the emergence of low-code platforms, users no longer must choose between a solution that does not fit their business or costly customized software. Choosing a low-code solution means you can easily tailor workflows in-house so that you get a solution that conforms to the way you do business.

Agility

What is it?

The ability to change whenever and however your business desires without going back to the solution provider for costly customizations or product development delays.

Why is it important?

“Digital transformation” is a bit of a misnomer because it implies that eventually your business will be transformed. However, it is more of a never-ending journey. No matter the catalyst for change, your business will be constantly evolving, and often the future state is unknown and difficult to plan. It is critical you have a solid foundation of tools that allow you to adapt to change without crippling operations in the process. A truly agile solution will enable you to control when and how your business evolves by allowing you to easily configure system logic and workflows in-house – saving you time and money.

Adoption

What is it?

Intuitive, easy-to-use tools are easier to implement and are met with less resistance from end-users.

Why is it important?

Having teams embrace a new solution can be difficult, but widespread adoption is a fundamental part of successful digitalization. People often resist something new and revert to old inefficient processes, regressing any advancements made to operational improvement. Flexibility and adoption go hand-in-hand. By selecting solutions that are modern, intuitive, require minimal training and work exactly the way you want, teams are more likely to stick with it.

Your system and processes should support the way you do business, and by choosing a solution capable of configuring to you, users show less objection to change.



Collaboration

What is it?

Working together and sharing information from the jobsite, third party stakeholders and the back office in one interface.

Why is it important?

Cross-functional collaboration is fundamental to improving productivity and efficiency. Not only does collaboration enable real-time decision making and helps reduce risks that can impact schedule and cost, it also improves the bottom line of the business. A 2020 Accenture report indicates that organizations who champion collaboration on digital projects achieve four times the revenue gains of organizations that do not have a collaborative environment.* Additionally, Project Management Institute concludes that effective communication is associated with a 17% increase in finishing projects within budget.*

Intelligence

What is it?

Producing actionable intelligence from raw project and company data allows users to continuously improve operations.

Why is it important?

As part of a comprehensive digital transformation journey, incredible amounts of data will be produced. Having a well thought out strategy around how to organize, analyze and put data to use is the ultimate goal. Historically, data has primarily been consumed in arrears through various reports, daily logs and other status reports. While this is still a necessary component of business operations, there is a growing demand for real-time and forward-looking data to make more accurate projections, fact-based decisions and predictive and prescriptive models.

Additionally, with accurate and clear data collection plans in place, you can establish baselines and benchmarks that indicate how your business is progressing towards your future goals.

* [Why Collaboration is at the Heart of Digital Transformation, Accenture](#)
* The Essential Role of Communications



In Conclusion

Bolstered by a flexible, agile construction management solution that allows for seamless collaboration and produces actionable intelligence, your team can start – and continue – the quest for digital transformation that promotes an on-time, on-budget experience. When the right digital tools are in the hands of the right people at the right time, communication and operations can be in perfect sync.

Designed with you in mind | Kahua provides a configurable, cloud-based collaboration solution to facilitate the exchange of data, documents and workflows to match the way you work. Kahua allows rapid deployment of purpose-built capabilities to meet your specific requirements. This means you can get started quickly, run your business at peak efficiency today and rapidly adapt or extend the solution to meet changing business requirements in the future. Kahua conforms to your business – not the other way around. With Kahua, you gain consistency across projects and programs, allowing you to tailor to differences where needed, while leveraging data across all projects so you can continually enhance your business. From mega projects and programs, to multi-site roll-outs and work orders, Kahua is agile and scalable to meet the requirements of your organization.

Want to learn more? Contact us today at: connect@kahua.com

