






EBOOK

# Get Your Field Teams Out of Your ERP

PROCORE®



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# ERP: The Original Digital Construction Solution



## For decades, Enterprise Resource Planning (ERP) systems have dominated the construction industry.

In an early example of an “all-in-one” solution, these versatile systems disrupted the construction industry in the 1990s, bringing areas such as planning, purchasing, inventory, project management, and finance all under one umbrella.

While on-premises ERP systems still hold immense value in their historical data archives and customizations, they come with a lot of baggage such as server maintenance, software and hardware upgrade requirements, and costly and time-consuming data re-entry and redundant manual processes. They also require that companies be willing to re-engineer processes to fit the ERP system and invest in ongoing training of IT staff and system users. Additional hardware costs may also be required to install the system locally.

Today, cloud-based platforms are rapidly gaining market share due to their lower maintenance costs, quicker value realization, scalability and integrations, and mobile offerings.





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## Vendors Are Not One-Size-Fits-All



## ERP solutions allow one software vendor to harmonize your entire technology stack.

It is unrealistic to expect companies to consider the complexities and idiosyncrasies that can reside in individual business units and various industry segments.

This is one of the biggest pain points of construction firms: integrating various point solutions required to run their numerous business facets. From accounting and payroll to drawing management and scheduling, construction firms with ERPs are forced to cobble together a host of applications without the potential for information exchange and scalability.

Business owners must often buy additional solutions from other vendors because, for instance, their ERP's package handles accounting, human resources, invoice tracking, and inventory control, but is insufficient for sharing and marking up project plans in the field.

Most of these point solutions don't talk to each other; they require different user credentials and have different user interfaces and workflows, increasing administrative workload. These one-off software solutions ultimately bring you back to square one, but instead of managing

scattered email communications and spreadsheets, you're trying to wrangle siloed applications that generate excessive data and that don't communicate with one another. Businesses are stuck with redundant and frequently inconsistent information that must be reconciled for each transaction.

As a result, they try to build individual point-to-point interfaces that connect each independent system—creating even messier integrations. This is why Application Program Interfaces (APIs) have become crucial for creating next-generation software solutions.

It's imperative that each of these programs work as a single cohesive system to effectively track the entire construction process, from initial planning through completion and even post-project management.

Unfortunately, siloed information and lack of software package integration often causes significant rework and blown budgets. With no place to turn for a comprehensive repository of up-to-date information, companies are forced to maintain redundant and inconsistent information across multiple solutions.



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ERP + Cloud Platform:  
It's OK to Have Both





## Every aspect of business involves working with others.

Because of this, ERP systems are useless when it comes to community collaboration, as they were never designed to function this way. A construction project can only move as fast as its team members' decision-making. Field teams' limited ability to access project data drastically inhibits communication and collaboration required for timely decision-making and judgment calls. Field teams require around-the-clock access to accurate data—for all project team members.

Many enterprises considering cutting-edge construction technology mistakenly believe that solutions are mutually exclusive: a reliable Tier 1 ERP system or a cloud-based platform.

But this is simply not true. You can have the best of both worlds.

Keep, under your own control and data centre, your ERP system for operating business-critical applications that have specific requirements or technical limitations; additionally, invest in a cloud-based platform to overcome the longstanding flaws of your ERP systems, delivering hyper-agility.





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# Free Your Field Teams from Your ERP



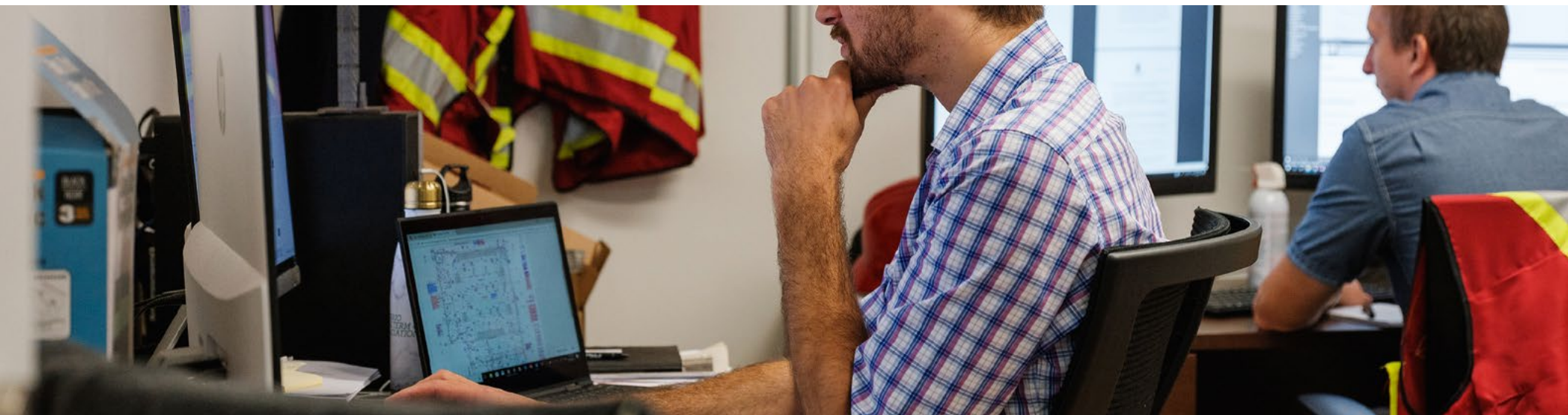
## Investing in a cloud-based platform will:

1. Connect all of your collaborators and applications,
2. Provide a single source of truth, and
3. Enable all involved parties to plan and execute collaboratively—all in real time.

As a result, your field teams can share information more quickly, widely, consistently, and transparently, relying less on proprietary hardware or software. With a cloud-based platform designed for mobile field use, you can integrate solutions, and seamlessly reuse information created in one application to populate fields in others, avoiding wasteful double entry.

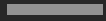
With data flowing freely between systems, devices, and software applications within your business, authorized employees and managers will have real-time access to the latest information from across their operations. Moreover, with data aggregated and connected, company executives can extract business intelligence, helping them make better, more informed decisions.

For the first time in history, the construction lifecycle has the potential to be unified and effortlessly predictive. Imagine being able to accurately forecast next year's profits before starting a project, or prevent accidents before they happen. That's the kind of predictability the platform provides.





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# Where We Stand Today

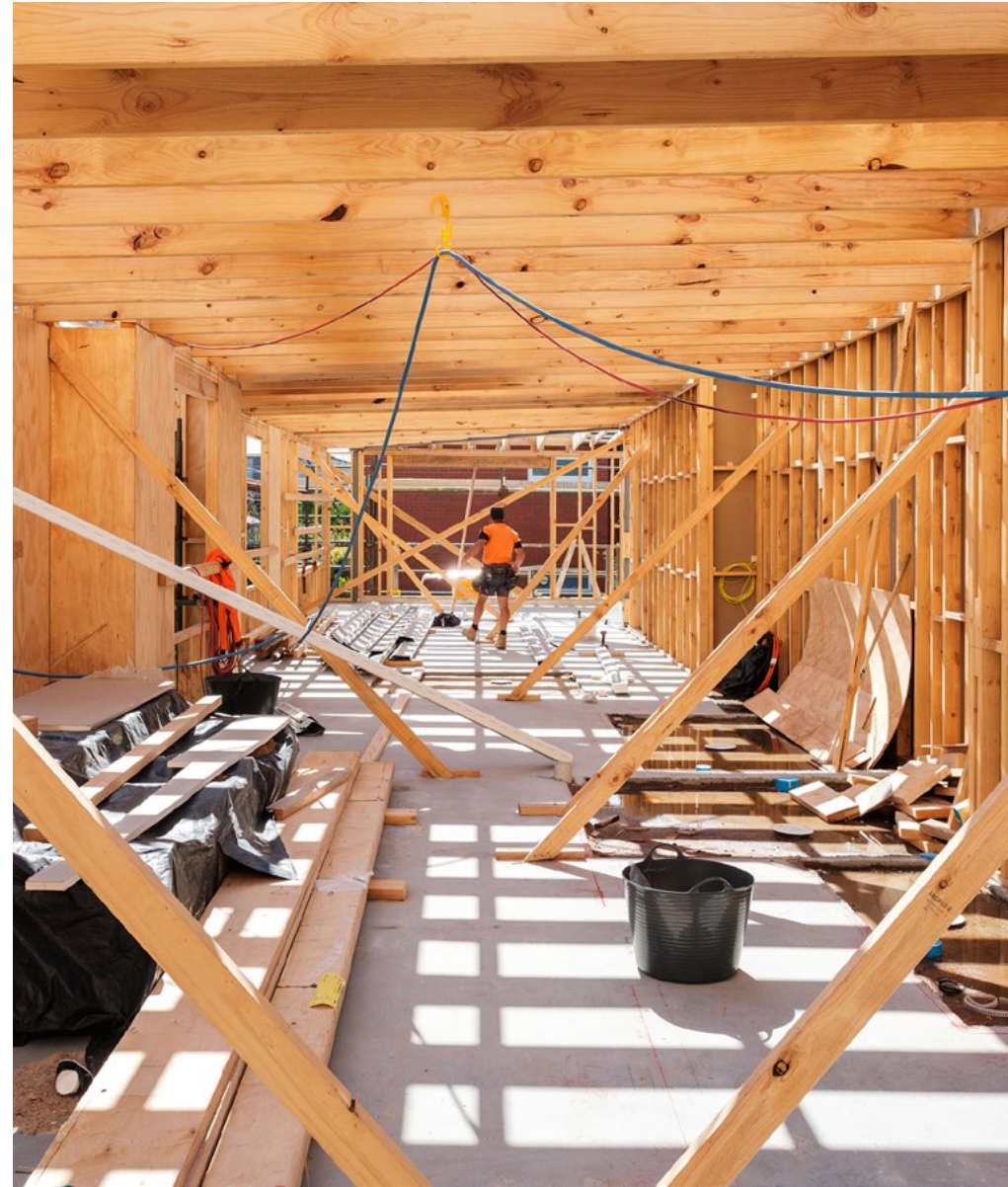


## Today, there are two camps:

Those seeking to preserve their investment in ERP with a complementary field platform, and those seeking a full transition away from their ERP solution for a field platform that integrates with other best-in-class accounting solutions for their back-office needs.

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**PROCORE TECHNOLOGIES, INC.**

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