

6 REASONS

Construction Field Management Matters

SYNCHRO | get time on your side



Bentley®

Technological advances in construction have been changing the way that almost everything gets done. As projects continue to grow larger and more complex, construction teams are implementing digital strategies to drive productivity, transparency, and significant cost savings.

A key part of this strategy? Prioritizing digital technology that connects the office and the field.

Digital solutions, such as **field-based mobile applications**, add real value to the entire lifecycle of construction projects by making data easily documentable and accessible from anywhere.

Here are 6 reasons to adopt seamless field to office workflows:

1. Simplify data collection
2. Ensure data is accessible – from anywhere and at anytime
3. Keep teams connected and collaborative
4. Drive better project situational awareness
5. Increase safety and improve field productivity
6. Reduce costs and increase profit margins



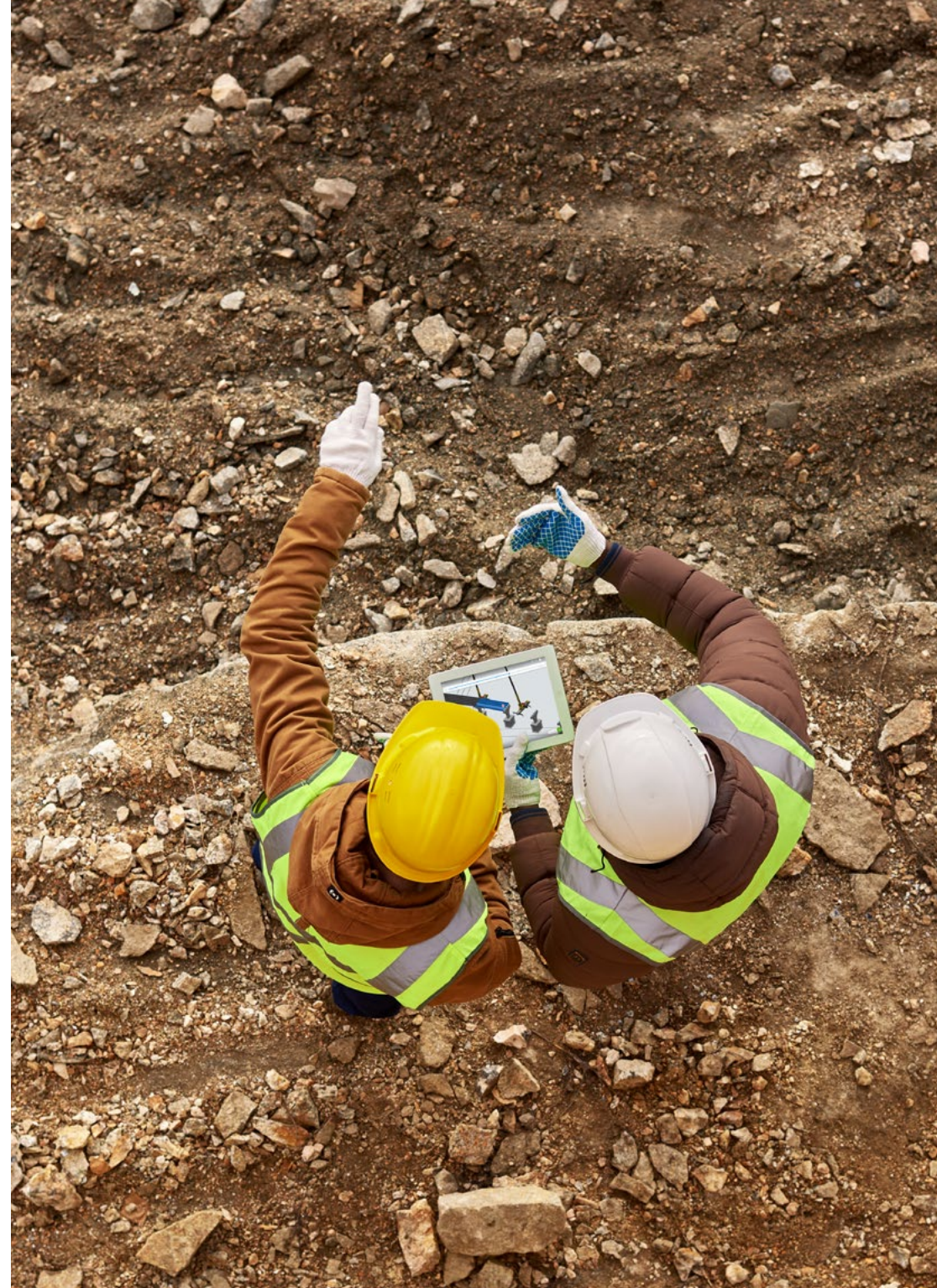
#1 SIMPLIFY DATA COLLECTION

Ditch the pen and paper. Digital data collection makes it faster and easier for your team in the field to collect high quality information in less time.

With mobile field applications and digital workflows, you can easily capture events, updates, issues, and photos in the field, as well as include redline markups for enhanced transparency.

The result? Project data that is...

- Near real-time enabling better issue management
- More accurate because it is captured right when and where it happens
- Visually rich with photos and videos



#2 ENSURE DATA IS ACCESSIBLE – From anywhere at anytime

Mobile field applications help keep the field and the office connected to critical data, such as documents, drawings, and models. This single source of truth for document management, including version history, ensures that everyone has access to and is working from the most current information.

With easy access to data, you will have the insights you need to make faster and more informed decisions right when you need them. Field applications also ensure that teams can access and log data off-line and sync when online, so that even with poor reception, teams are still armed with the data that they need.

With easily accessible data, you can...

- Access and work from current documents and models in the field
- Search for and easily find data in the context of maps, drawings, and models
- Discover and mitigate issues quicker on site



#3 KEEP TEAMS ALIGNED AND CONNECTED

In the office, teams need to manage project progress and financial status, and in the field, crews need to complete their tasks safely and quickly report back on progress and issues. Slow miscommunication between office and field can cause significant project delays and costs.

With digital technology and automated workflows, you will have a more collaborative and aligned project environment, increasing transparency and the speed of communication between the office and field.

A more connected and aligned team means...

- Better task management and coordination between team members
- More informed decision-making in a time-sensitive environment
- Greater visibility into performance in the field



#4 DRIVE BETTER PROJECT SITUATIONAL AWARENESS

Construction projects require logistics and resources to be carefully managed for success. Without the right scheduling methods, resources could be improperly allocated to non-critical path activities, resulting in no value-add and severe delays.

Having a clear understanding of what is happening on the job site, and exactly where task completion stands, is critical to delivering a project on time.

Better situational awareness enables...

- Full visibility into resource statuses
- Reduced costs by avoiding improper resource allocation
- Efficient and safer management of project logistics—crew, equipment, and materials



#5 INCREASED SAFETY AND IMPROVED FIELD PRODUCTIVITY

Mobile field applications and digital workflows do more than just streamline communication and collect data, they also significantly reduce risk. They make data more accessible to office and field team members so that they can spend more time on the things that matter, such as increasing field productivity and prioritizing a safe work environment.

Digital technology ensures:

- On-site issues are raised immediately so that they can be mitigated quickly
- Teams can run inspections and submit consistent updates on project standing
- Safety protocols and workflows are optimized to keep everyone safe



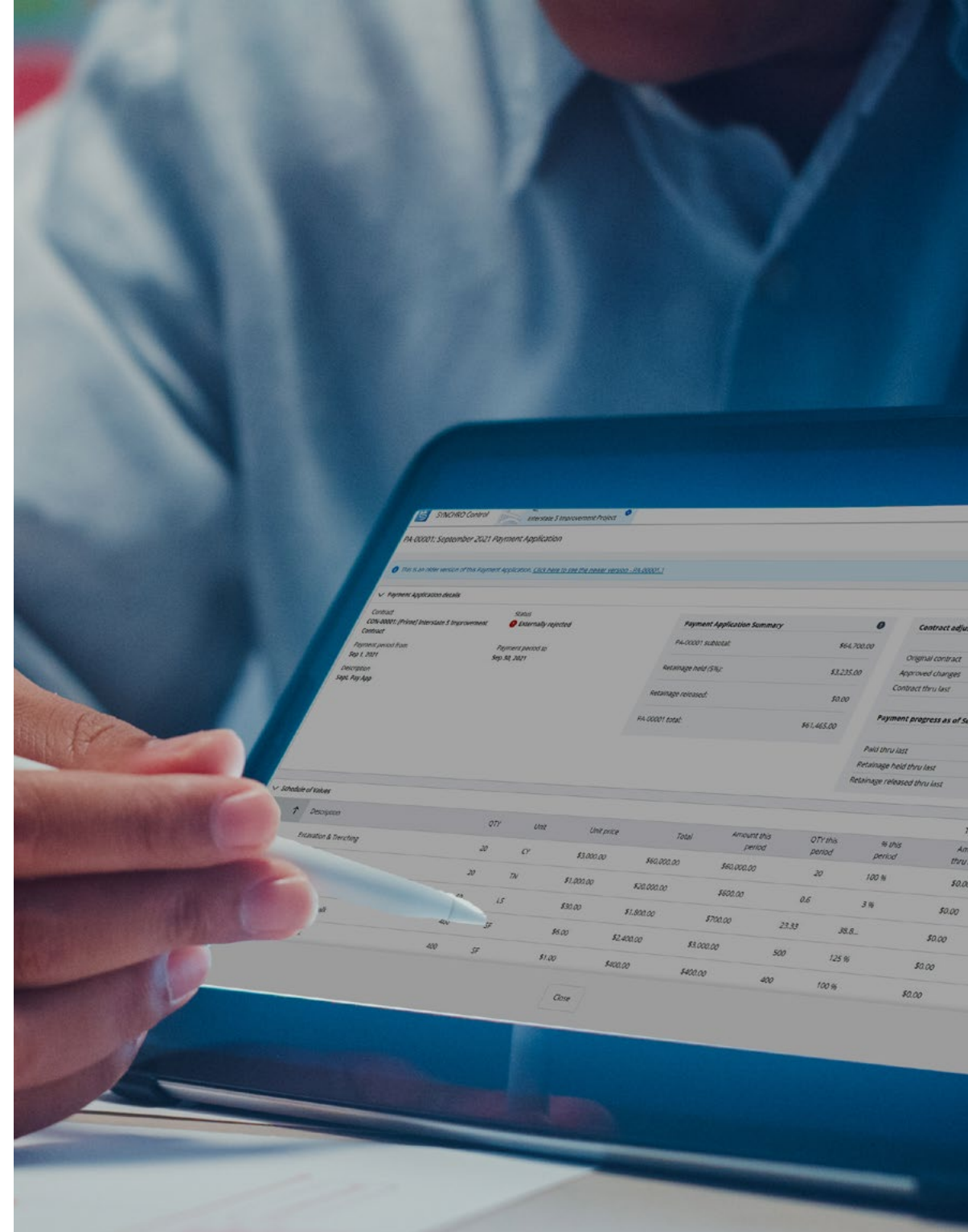
#6 REDUCE COSTS AND INCREASE PROFIT MARGINS

Delivering quality projects on time and within budget in a high-risk environment is not an easy task. Whether you are a large or small contractor, the issues of low margins, resolving commercial claims, and getting paid are significant industry-wide challenges.

By being able to monitor project progress from the field, teams can gain visibility into what is happening on the jobsite to better manage construction contracts and monitor costs.

More field visibility allows...

- Daily progress and cost capture for better performance management
- Tracking of materials and resources to adjust project projections
- Audit trail of all communication records and events to defend contract disputes



DID YOU KNOW?

Ensuring your team has the right digital applications in the office and field is the key to increasing productivity, reducing complexity, and maximizing operational efficiency.

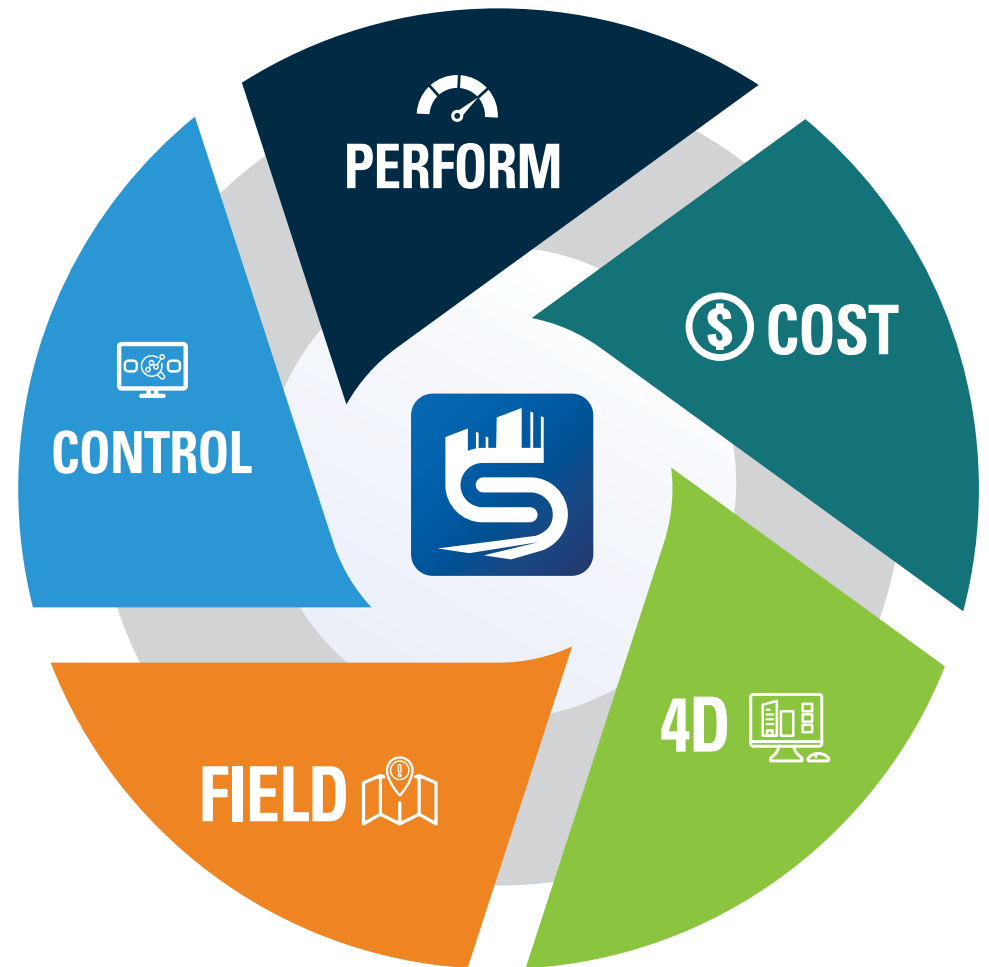
Check out SYNCHRO – a complete portfolio of integrated applications for digital construction management.

Try SYNCHRO Field & Control today!

Try SYNCHRO Now >

“By downloading SYNCHRO [...] and channeling our communication through it, we have been able to seamlessly capture and manage information in real time – and all in one platform alongside the model.”

— Nick Chrone, Project Engineer,
The Lane Construction Corporation



SYNCHRO | get time on your side

Bentley®

