

4 daily workforce management issues that weaken your construction productivity

Productivity comes from efficiently executing daily tasks across your construction business. Issues with your workforce management can lead to substantial **safety and compliance risks, financial risks, delays and rework.**

1. Safety & compliance risks



➤ **62,320 serious injuries** reported in **2020 in AU**¹

➤ **165,300 injuries** recorded in construction **in the US in 2020**²

2. Financial risks



➤ The highest-recorded OSHA **penalty in 2019** was **\$1,792,726 USD** in fines³

The highest-recorded workplace and **safety fine in 2020** was

➤ **\$3,000,000 AUD** and **10-months** imprisonment for contractor breach of the Industrial Manslaughter Legislation⁴

3. Delays & rework



➤ Rework makes up to **20% of total construction** costs⁵

➤ **Just 25%** of projects came within **10%** of their **original deadlines in the past 3 years**⁶

What is Workforce Management?

Workforce management is the tracking and scheduling of each worker according to skills, tickets, and licenses, so you always have the right people on the right job at the right time. The proper tech and processes can help you to nail your workforce management and improve the overall productivity.



The 4 common challenges to look out for

Poor Workforce & Equipment Documentation – Adequate documentation & accessibility of critical information, like maintenance records and worker skills & qualifications, is unattainable if your business lacks process, uses paper forms or separate software tools to store the information. Ineffective documentation brings with it major pitfalls, including safety training & compliance gaps, and downtime for unmaintained equipment.



Injury rates in construction are 71% higher than injury rates across all industries on average⁷



OSHA -Total of **12,383 citations** for the **top ten compliance violations** in 2021 fiscal year⁸



Unplanned equipment downtime rates in the range of **20–30% are not uncommon in the industry**⁹

Failure to keep up with preventive maintenance is a leading cause.

Ineffective Scheduling – Manual processes and tools, like whiteboards and spreadsheets, for scheduling are inefficient and fail to provide visibility across the business. They often lead to compliance issues & jobsite delays that hold back the overall progress of projects.



140 hours are wasted annually by creating a manual work schedule¹⁰



68% of trades pointed to poor schedule management as the **key contributor to decreased labor productivity**¹¹



75,456 total OSHA inspections in 2019¹²

Mismanagement of job information & field data – projects require and generate enormous amounts of data, but many contractors fail to capture, share and leverage it to protect and enhance their productivity. Mismanagement leads to disputes, wasted time, and poor decision-making.



The cost of construction disputes globally in **2020 was \$54.26 billion USD**, a **43% increase** over 2019¹³



\$33 million USD was the global average value of construction disputes¹⁴



28% of construction firms say that lacking the information they need on-site is the single biggest factor impacting their productivity¹⁵

Poor communication – communication between the office & field is critical to effective workforce management but frequently breaks down due to siloed communication channels such as phone calls, texts, email and so on. This often leads to rework and miscommunication that is detrimental to productivity.



52% of all global rework is caused by **poor data and communication**¹⁶



Data errors costs the construction industry **\$88 billion** in rework globally¹⁷



30.9% of construction industry professionals say that the top reason for miscommunication is unresponsiveness to questions/requests¹⁸



Digitizing Workforce Management

Technology replaces paper, spreadsheets, and siloed communication to optimize operations and improve productivity, profitability, safety, and quality in the office and field.



60% of general contractors and trades feel using software to manage safety and/or inspections during construction is of high value to improving this process.¹⁹



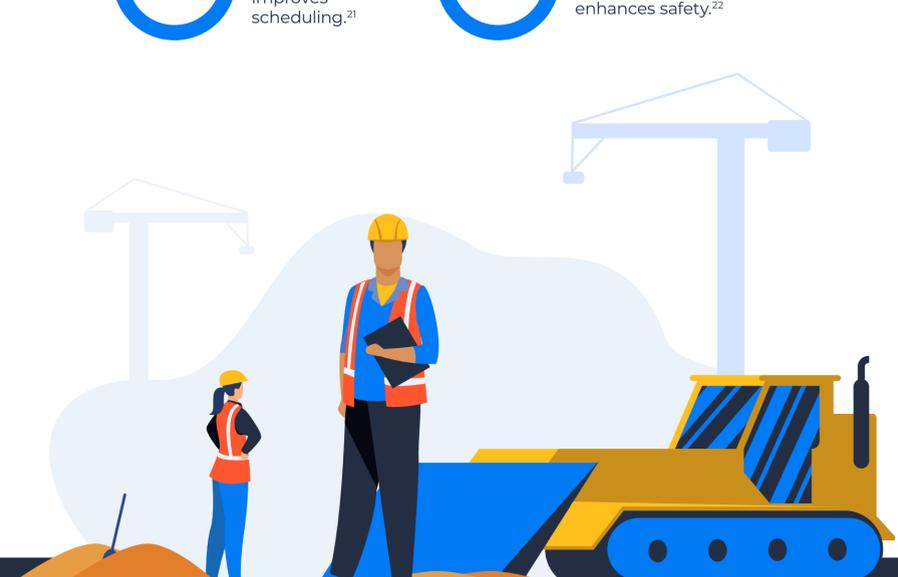
78% of contractors believe that advanced technologies increase productivity.²⁰



75% of contractors believe tech improves scheduling.²¹



79% of contractors believe tech enhances safety.²²



About Assignar

Assignar can help you with workforce documentation, scheduling, field & project data, and communication so you always have the right people on the right job at the right time.

If any of these statistics resonate with you, talk to an expert to see how you can leverage Assignar to enhance your workforce management and drive productivity in the office & field.

Talk to an expert

[Book your free demo today](#)

303.228.5405

More resources



[4 Ways to Nail Workforce Management in your Construction Operations](#)



[Boost Productivity with Workforce Management](#)

1. Safe Work Australia, 2015
2. Engineering News-Record, November 3, 2021
3. BigRentz, Inc., March 8, 2021
4. Office of the Work Health and Safety Prosecutor, June 11, 2020
5. BECHT, June 15, 2021
6. KPMG, 2015
7. BigRentz, Inc., March 8, 2021
8. Constructconnect, October 8, 2021
9. ForConstructionPros.com, December 3, 2019
10. Connecteam, September 30, 2021
11. Autodesk Construction Cloud, April 18, 2021
12. Commonly Used Statistics: United States Department of Labor, 2021
13. Report: Cost of construction disputes increased dramatically in 2020. Clision PR Newswire, June 17, 2021
14. Operational Readiness: Bridging the Gap Between Construction and Operations for New Capital Assets, Emerson Reliability Consulting, November 2018
15. The Annual ConTech Report, JB Knowledge
16. 2018 Industry Report Construction Disconnected, PlanGrid & FMI, 2018
17. Contractors lost \$1.8 trillion globally in 2020 due to bad data, new report says, ConstructionDive, September 22, 2021
18. Connected Construction: A Better Way to Build, Together, Autodesk Construction Cloud
19. Autodesk BIM 360, November 4, 2019
20. U.S. Chamber of Commerce, December 12, 2019
21. U.S. Chamber of Commerce, December 12, 2019
22. U.S. Chamber of Commerce, December 12, 2019