



LIVE FIELD DATA USAGE REPORT

Key takeaways and findings on live field data collection and usage by construction companies

EMPLOYEE TIME TRACKING | MOBILE FORMS | EQUIPMENT & TOOL TRACKING

Forward: Construction's Tech Adoption



I started AboutTime Technologies when, as a contractor, I was tired of the payroll headaches including paying people for jobs they were never on and even receiving timesheets written on napkins from a fast-food joint. The manual system was broken. I knew there was a more efficient way to get field data to the office and confirm my employees were on the job. The tools we developed include cloud-based time, equipment and mobile forms tracking, and our goal remains the same, to build the easiest to use and most effective live field data collection applications possible.

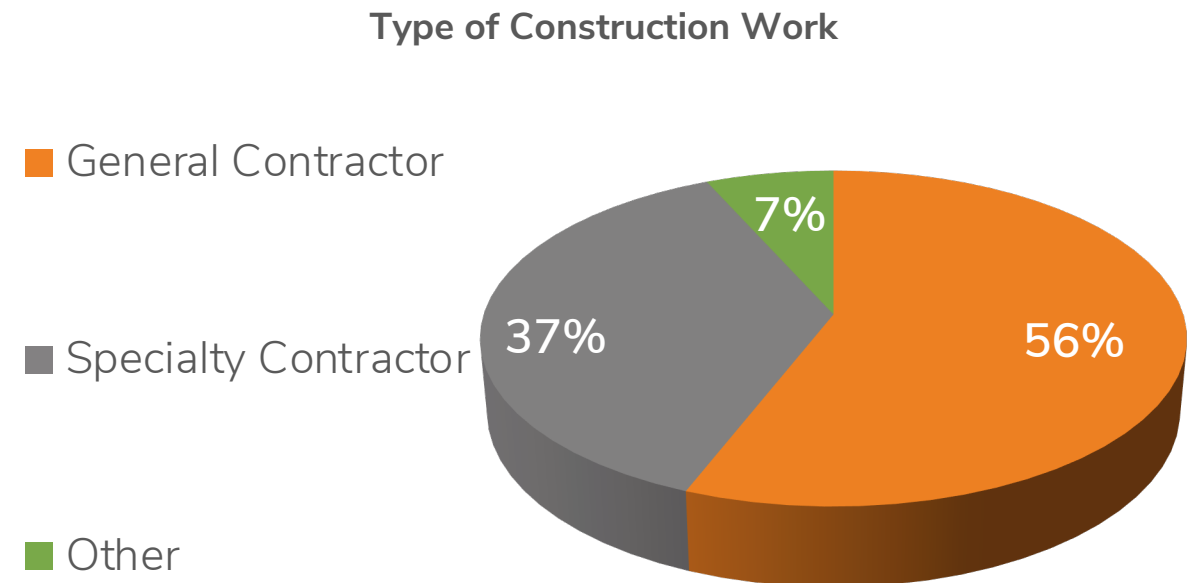
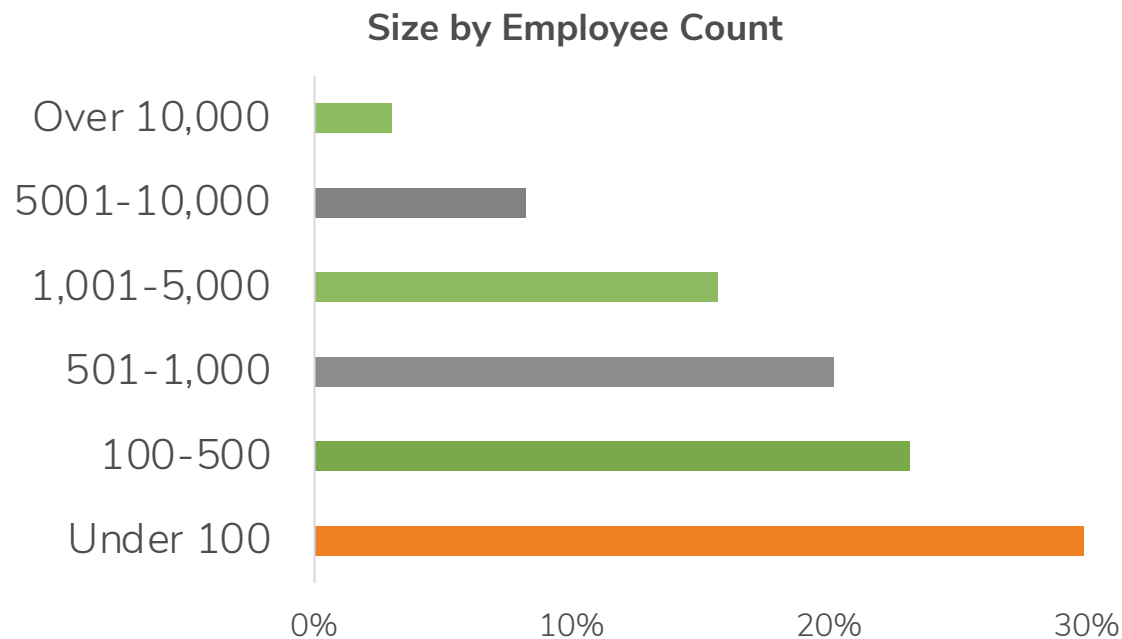
There is not a more exciting time to be a contractor than today; we are in the midst of the biggest technological shifts in our industry. Computer Economics reported in 2019 that construction is seeing the largest increase in IT operational budgets, and the collection and management of live field data is a substantial part of that growth.

We sought out insight from the industry to reveal how the shift towards live field data has been embraced and the perceived impact of live field data from the job site. The data shows that new technology is being implemented, but there is plenty of potential to still be realized.

I hope this report helps place the available possibilities in perspective and leads to an industry that no longer delays implementing field technology but instead embraces innovation.

Introduction to the Study

We conducted a survey of 134 construction leaders in June of 2020 asking several questions centered on field data collection methods and outcomes. Here is the demographic information of our respondents:



Field Data Types

This survey focused on field data types that impact key project performance indicators and includes:



Employee Labor Hours



Safety Reports or Checklists



Daily Logs Reports



Tool and Equipment Inventory and Assignment

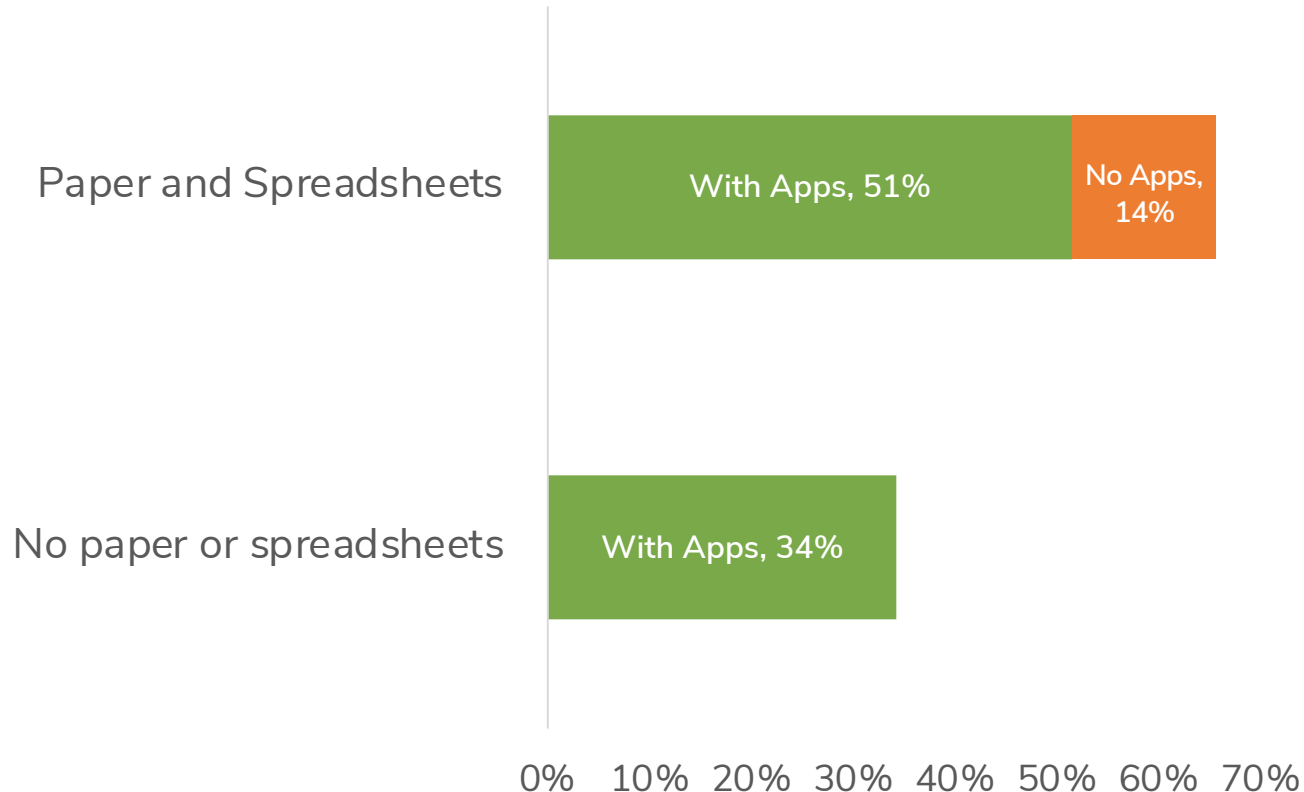


Production



Job Cost Allocation

Use of Paper & Spreadsheets in Field Data Collection

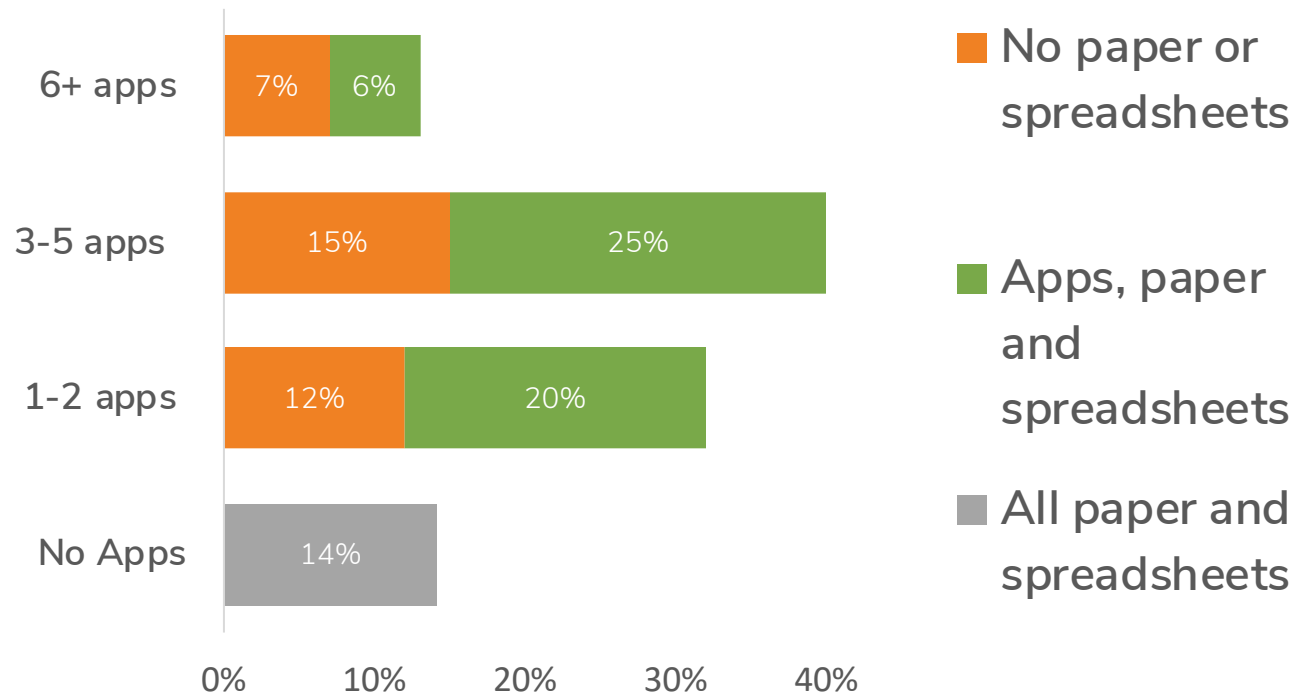


That's Interesting

66% of respondents are still using paper and spreadsheets for field data collection which makes live field data impossible.

Number of Methods to Collect 6 Types of Field Data

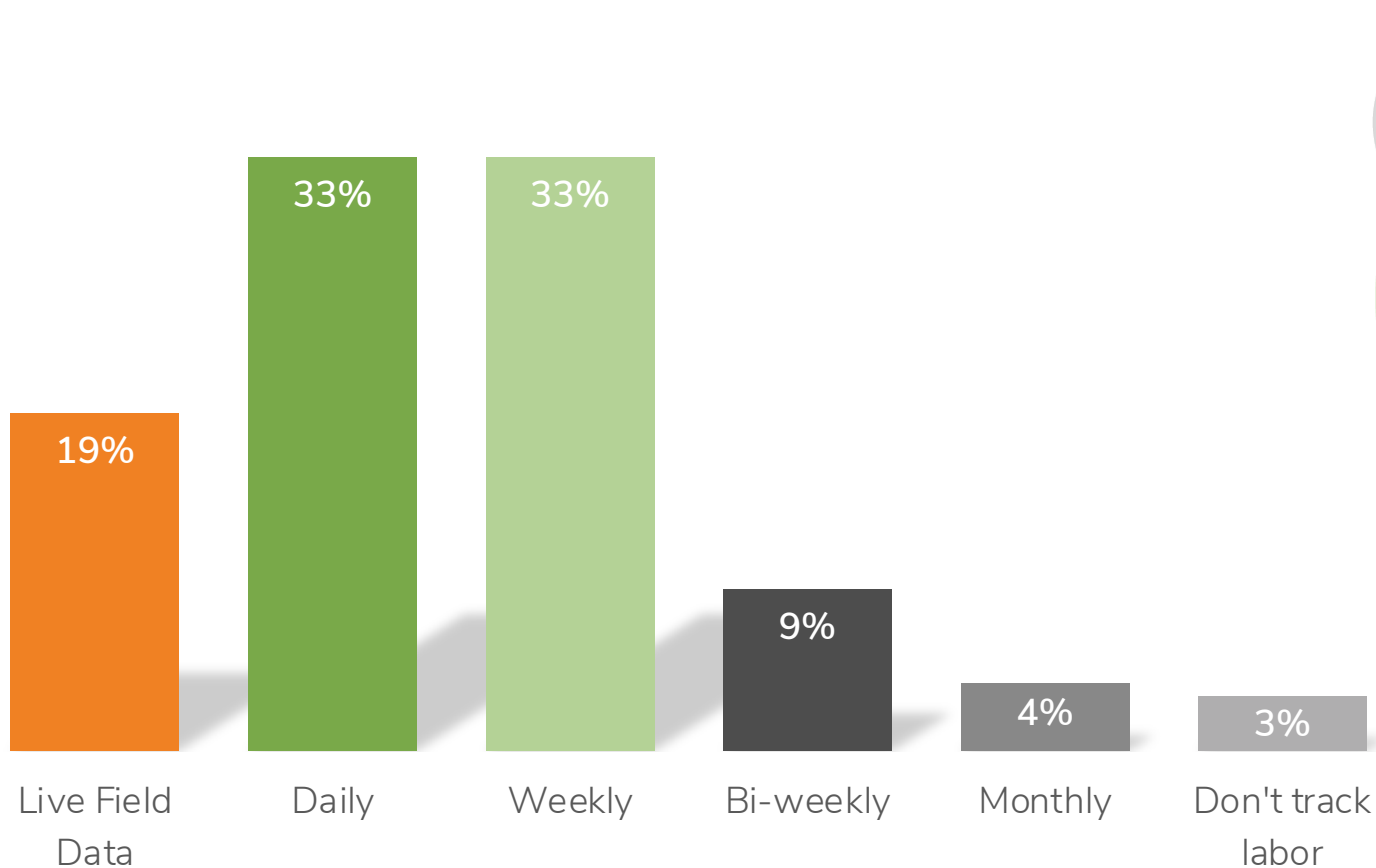
Employee Labor Hours | Safety Reports or Checklists | Daily Log Reports | Production | Tools & Equipment Tracking | Job Cost Allocation



That's Interesting

40% of respondents use 3-5 apps and 25% also use paper and spreadsheets. With so many different collection methods, it's difficult to get live field data.

Speed of Labor Hours Reporting By Cost Code



That's Interesting

Only **9%** of firms with 5,000 - 10,000 employees have access to live labor. **49%** of all contractors wait a week or longer to see actuals by cost code.

Timeliness of Safety Reports

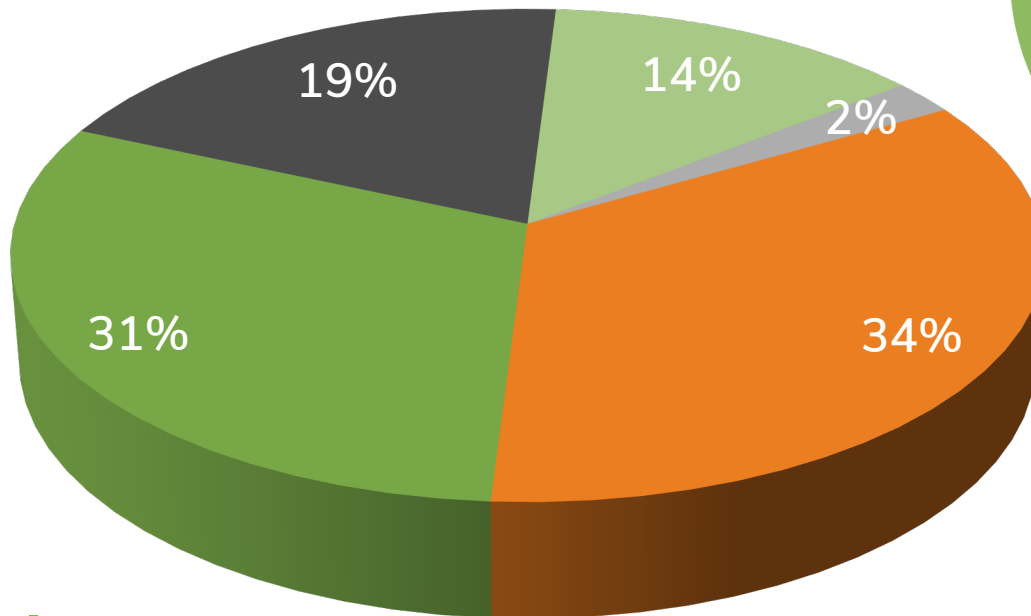
Live safety reporting

Same day

Next day

End of week

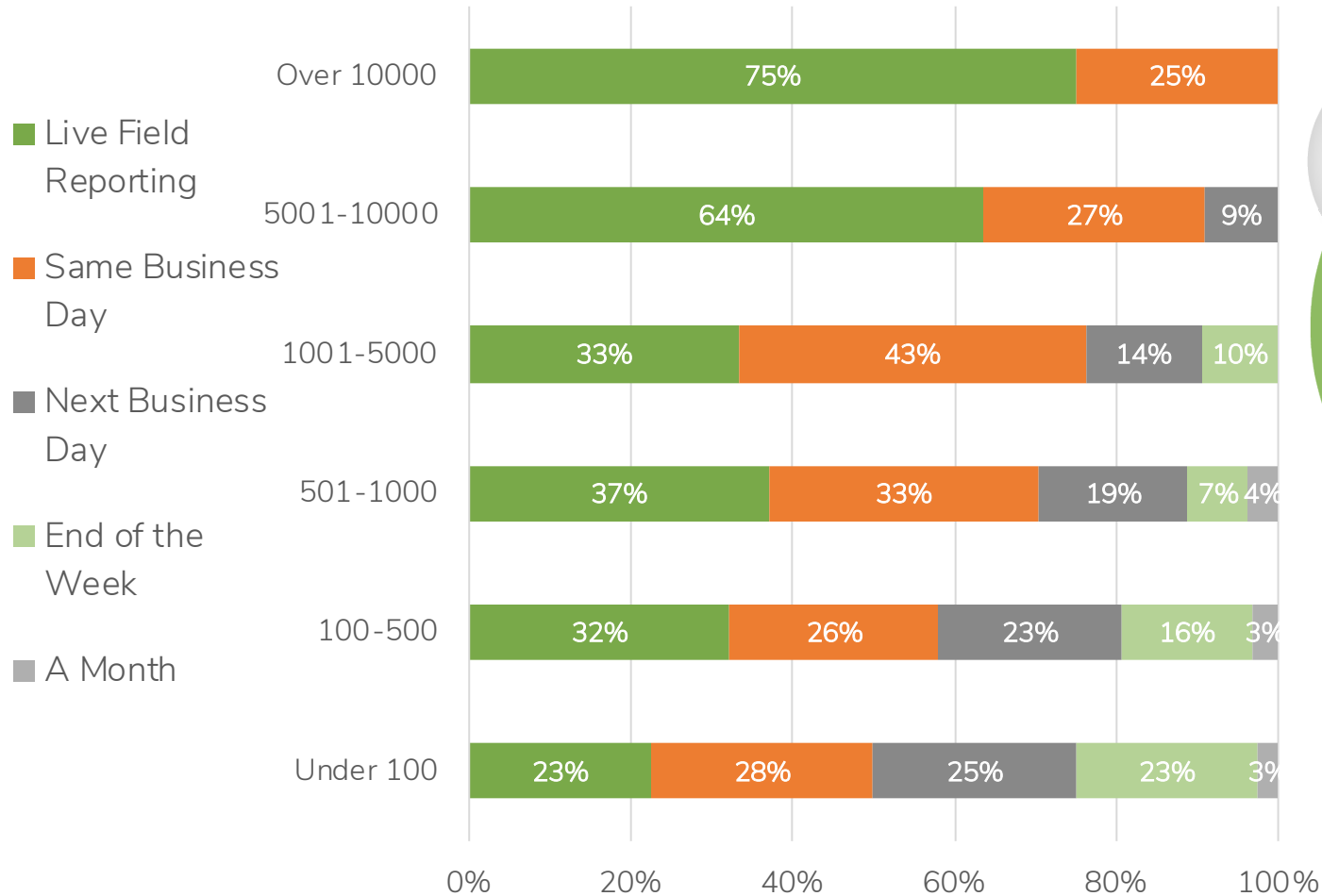
A month



That's Interesting

66% of safety managers don't receive instant safety reports. With COVID-19, it really puts your company and employees at risk.

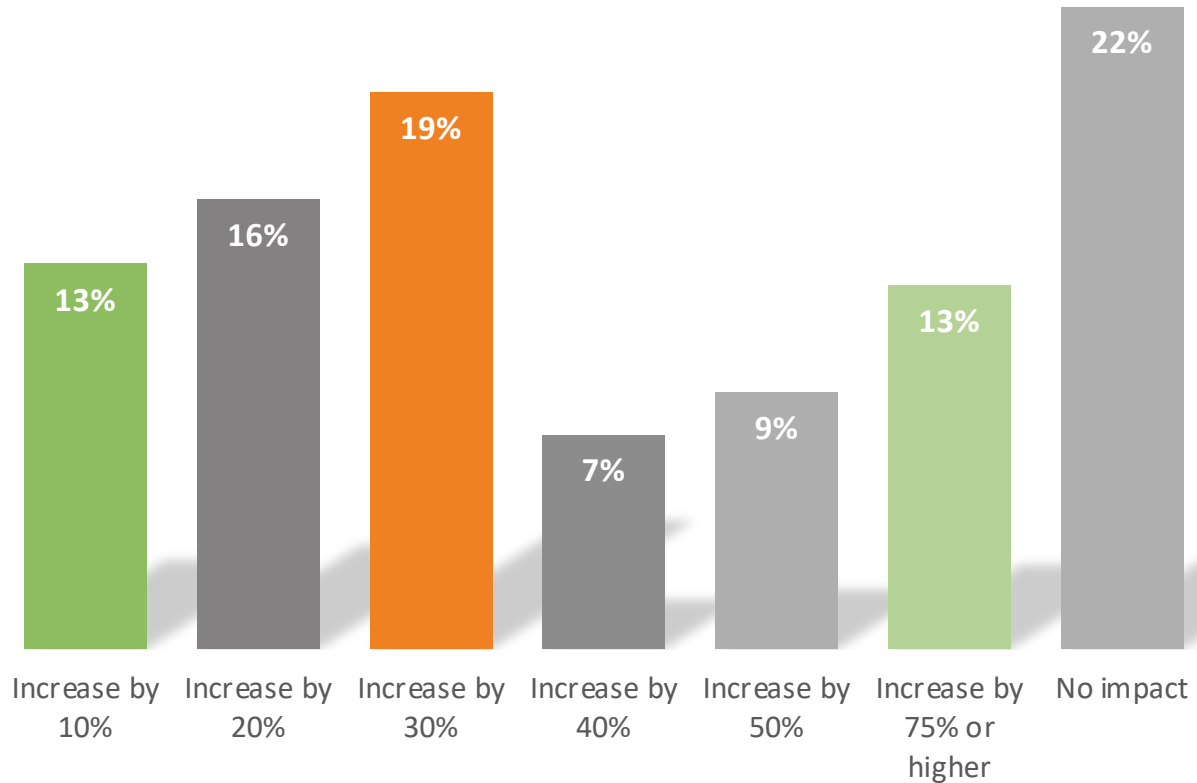
Timeliness of Safety Reports by Company Size



That's Interesting

The collection of live safety data increases as the size of the company increases. **69%** of smaller companies do not receive live safety reports.

Form Completion Increase from Prompt on Clock In

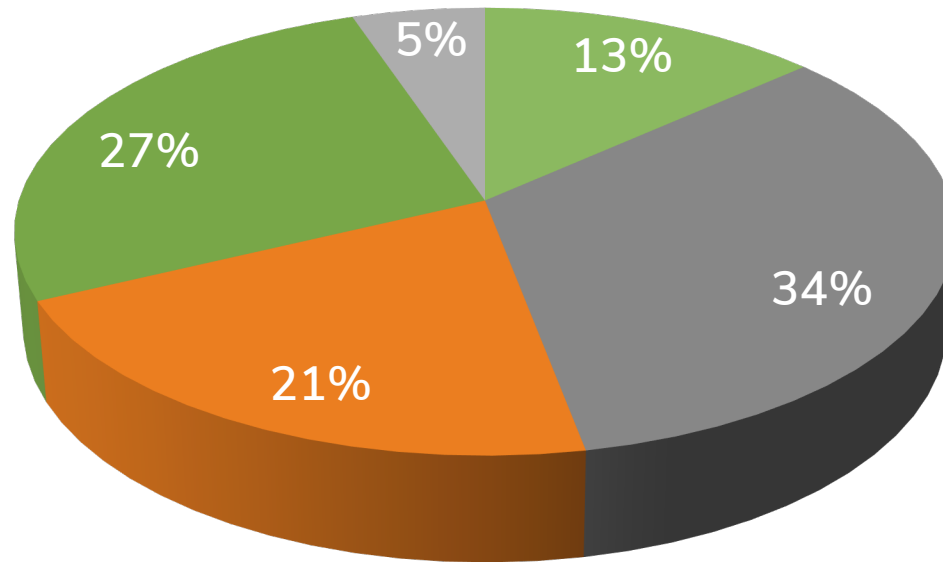


That's Interesting

50% of respondents would expect an increase of 30% or more for form completions just by prompting employees after live time entry or before clock out.

Equipment & Tool Tracking Methods

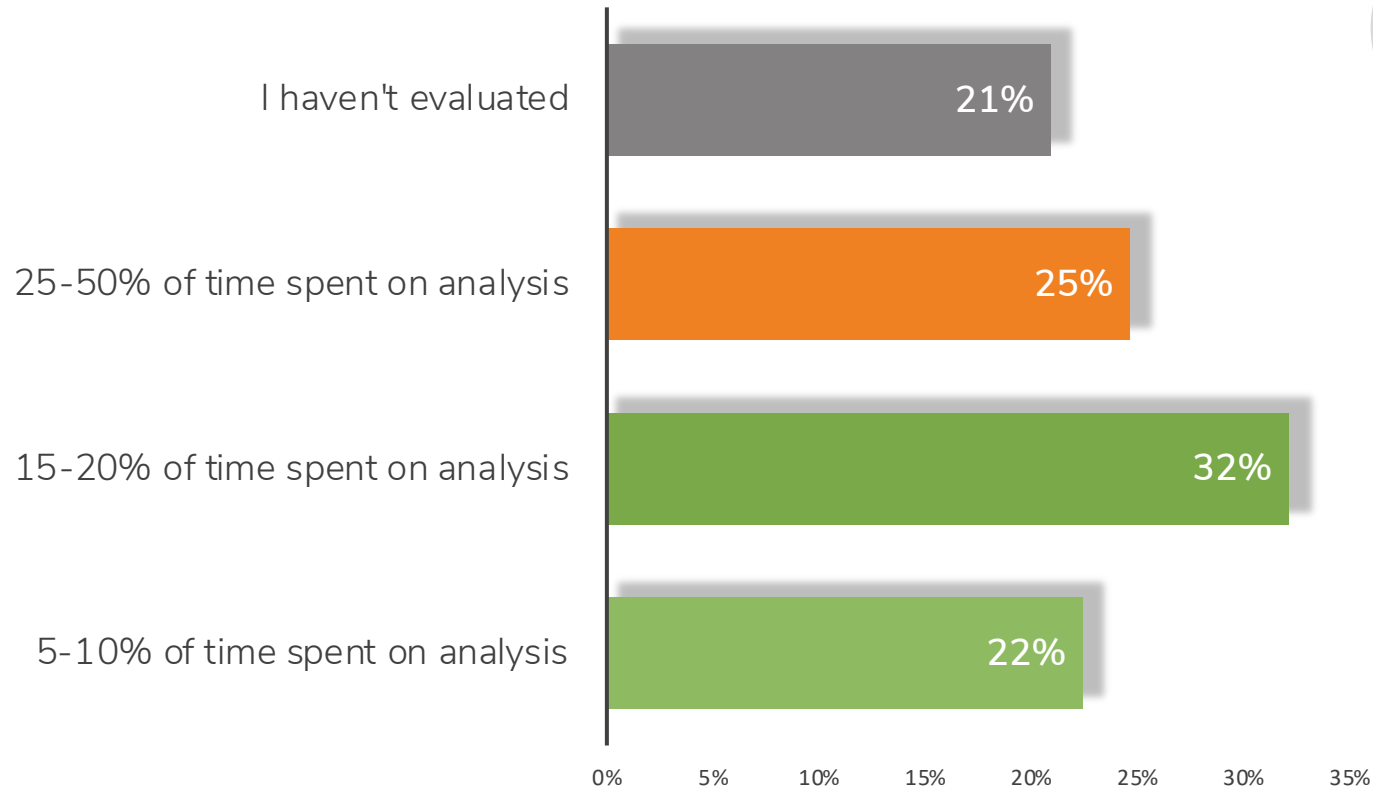
- Paper
- Spreadsheet
- Live with an app
- Software
- We don't track tools and equipment



That's Interesting

Only **21%** of respondents have access to live equipment and tools data and **52%** don't use **ANY** application or software to track tools and equipment.

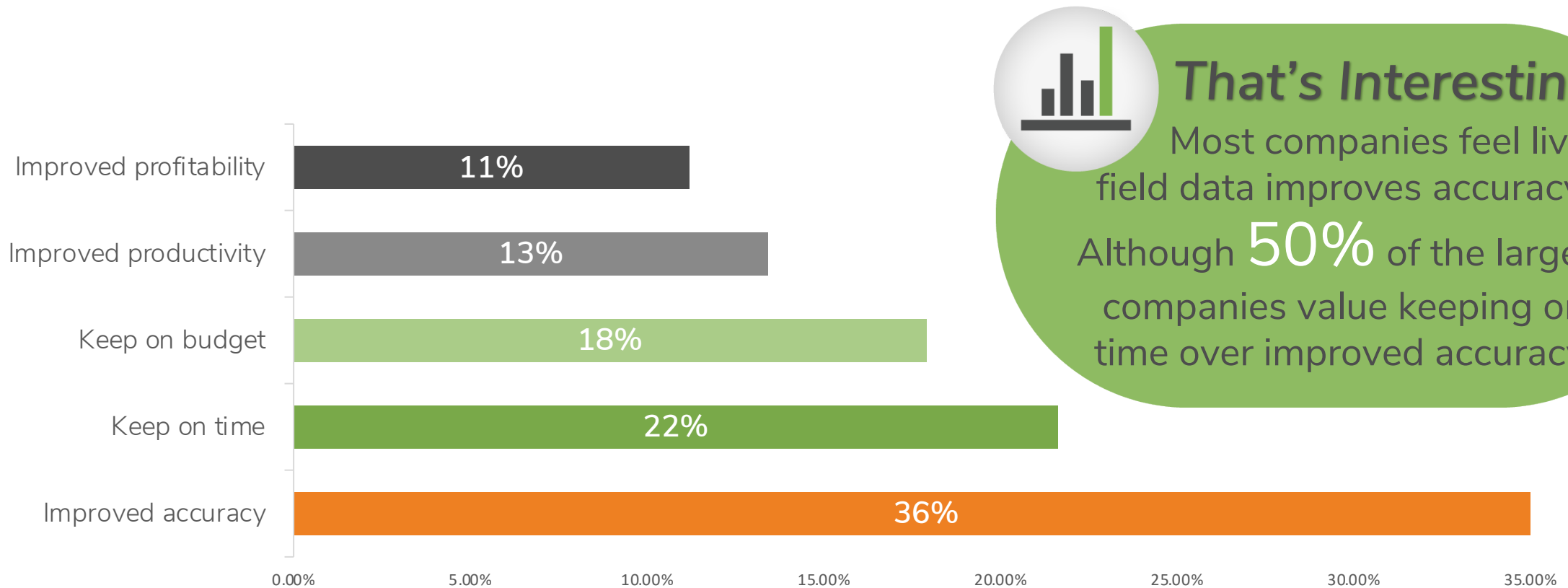
Time Spent on Field Collection vs Analysis



That's Interesting

Over **50%** spend 20% or less time analyzing their field data. It's likely due to the use of paper and spreadsheets and makes it difficult to improve outcomes.

Perceived Benefits from Live Field Data



That's Interesting

Most companies feel live field data improves accuracy.

Although **50%** of the largest companies value keeping on time over improved accuracy.

Report Conclusions



Make data collection a priority and each employee's responsibility. Make technology a part of the culture of your company, a selling point. Empower your employees with accurate data to keep projects on time and within budget.



Move away from analog collection methods to live field data collection. Today's job site requires the speed and efficiency that can only be achieved with instant data feedback. Don't lose bids based on technological shortcomings.



Do not invest in anything that isn't integrated. Connecting everyone in the organization with the same information is necessary to the ongoing success in today's climate. Any method that doesn't integrate with back office business systems isn't worth the investment.



Use an all-in-one platform to simplify data collection and sharing with one login to centralize your data in one app. With one app, user adoption, efficiency, and productivity increase. Increased efficiency and productivity mean increased project control and profit.

Forecast for Field Data Collection

Expectations on contractors will increase as more and more firms can provide increased productivity and reliability.

Live field data's ability to tighten processes, manage budgets, and reveal issues before they happen will create a clear difference between firms that use live field data and those that don't.

Clients will expect the use of live field data to keep them abreast of the construction process without requiring them to be on site.

INSTANTLY TURN LIVE FIELD DATA INTO ACTION ALL IN ONE APP

Confidently take decisive action based on what's happening now on your construction projects to keep them on schedule and budget with WorkMax. Your field data is more accurate, and your employees are more efficient and productive.



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