



3 trends driving enhanced onsite safety

The cities we live in are the growth engines of our economy and society.

At the heart of this is the construction industry. A worldwide \$13 trillion industry that makes the spaces we live in habitable, accessible and enjoyable. Historically a conservative industry, heavily reliant on physical labour and intensive amounts of paperwork; construction is going through an unprecedented wave of digital transformation, as software and communications technology has now

reached a level of maturity where it can be deployed into the field without being overly cumbersome or serve as a distraction. Key areas that are being transformed include document management, communication and correspondence, as well as the safety and quality components of the business. In this eBook we delve into the transformations that are driving changes to the way safety, quality and productivity are being enhanced on the job site.

Safety in Construction

Construction is characterised by its fast-paced nature, tight timelines, dangerous conditions and tremendous stress which can contribute to the creation of safety blind spots that can lead

to injury and death. To overcome some of the overt risks posed by onsite safety operations, we are witnessing three major trends that are driving the industry forward.



Multiple apps increase risk. Platforms increase collaboration & productivity.



Currently what is becoming apparent across all market segments within construction is the use of multiple disconnected apps that may perform only one function for the business. Within

the industry these are called “point solutions” and the ease at which one can develop new technology and software these days has caused a flood of these apps into the marketplace. However, we are starting to see fatigue within the industry, and pushback from systems managers and CIO’s as these apps, that don’t integrate or speak to each other,

begin to add more confusion than clarity to daily operations. In addition, the more apps that are brought into the business, the more costs rise with increasing subscription fees, and the greater the administrative burden on the organisation, due to the need to constantly review training and access privileges – all leading to increased risk and exposure for a business. Hence, we are now seeing within the marketplace that many of the leading companies are seeking out and moving quickly to replace a handful of disparate apps with platform solutions like HammerTech that provide a comprehensive coverage of features to solve their everyday problems.

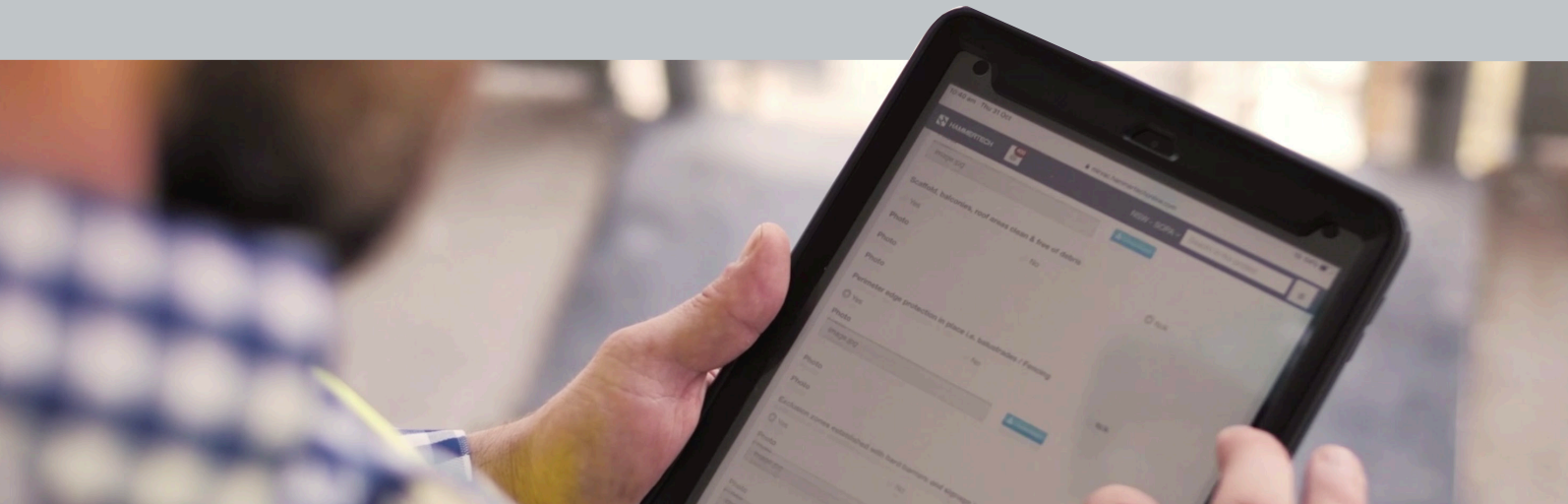


Industry Spotlight

ADCO Constructions had previously used software applications, but these had been developed in-house, which carried an ongoing burden in keeping them up to date. “Our preference was to use a commercial product that we didn’t need to continually develop,” Doug explains. The company was seeking a partnership with a vendor that had a good understanding of the construction process. They wanted a vendor “who would listen and was flexible to change, had traction in the industry and could provide a proven platform solution that solved for a wide number of tasks, not a just a

In choosing a product, ADCO was looking for a number of key benefits. “We wanted to make it easier for our project teams on site, reducing the amount of paperwork from a contractor induction and administrative perspective,” says Doug. “We also wanted data to assist with decision making and provide increased transparency into any potential risk. Our motivation was simple...an intuitive product that could improve the efficiency on a jobsite.”

Doug Zuzic, CIO - ADCO Constructions



Your software should configure to you. It should scale & customise to your unique needs.

The next trend is that construction is complex. There is nothing simple about the projects we build, the coordination required, and the incalculable tasks being performed day in, day out by millions of people around the world. Construction is also unique: no one construction project is the same, each build from concept and design to project delivery and the conditions faced on site is different. And as such, every contractor operates differently, with different personnel, unique procedures and experiences that make them who they are and why they operate the way they do. Software that is aimed at making that complex job easier is also inherently

Did you know?



*There are now over **1500** software apps aimed at the construction sector!*

a complex piece of technology, this is not like downloading music from Spotify. And that’s why the best approach to software implementation to the construction industry is not providing the industry with an out of the box, one-size fits all approach, it is by providing an intuitive platform that is highly customisable to a client’s unique needs, essentially mirroring their pre-digital processes and procedures into a software package that can be moulded and scaled as a company grows.



Safety is an operational process; it should be considered a profit centre versus a cost centre.

The last trend we are seeing is the increasingly tight margins within the sector as the current boom wanes. Construction is highly competitive, resource intensive, and companies quite rightly are looking to squeeze every last dollar out of their margins to ensure projects remain on time, on budget and profitable. Currently in the USA we have seen a rise in construction costs by close to 6% over the space of a year, with similar numbers also in Australia, due to rises in labour, materials and contractor overheads. Companies therefore should be embracing any operational or technological efficiency they can to ensure costs are kept in check

and margins protected. Indeed, safety is one aspect of the construction spectrum that has long been considered a cost centre. Increasingly though this mindset is changing, as enhanced openness, transparency and reporting onsite greatly reduce the percentage chance of injuries and incidents that would stop construction and therefore add significant cost, not to mention any fines and liability payments incurred. With more access to information, people can be proactive. Now it is widely considered that safety done right is a profit centre as it protects costly overruns, incidents and legal issues.



How is your company managing your day-to-day safety operations?

| Email | Paper | Nothing Formal | Excel | Other |
|-------|-------|----------------|-------|-------|
| 47% | 43% | 38% | 31% | 15% |

Summary

Construction is changing rapidly, going through a period of digitization and transformation. When it comes to onsite safety, we are seeing three trends drive real change onsite. First, multiple apps are becoming burdensome and costly, creating inefficiencies and reducing productivity. Platform solutions that can cover a wide range of functions are proving to be the most beneficial solutions to site teams. Second, construction is highly complex and each project is different, software can drive many productivity gains only if it can reduce complexity and streamline

processes. In such a case, software should ideally configure for the user and not the other way around. Thirdly, doing safety right and managing it appropriately should be seen as a profit centre rather than a cost vacuum. The efficiencies and preventative actions that platform solutions can provide far outweighs the many costs that would accrue from performing poorly in this area. **Only through accurate and timely data and intelligence can construction companies truly transform, drive productivity gains and enhance onsite safety.**



About HammerTech

HammerTech is a cloud-based, mobile performance and productivity platform, ensuring operational efficiency, quality, & safety. If you're looking to promote safety & quality on your jobsite, it's time to focus on operations. HammerTech is the ONLY

operational platform to cover pre construction operations, daily operations, safety & quality. Manage online registrations & inductions, employer management, equipment induction & monitoring, permit management, SWMs and SDS management, audits, compliance, observations, defect lists and more within one mobile, configurable platform. Consolidate your apps, and go all in one.