



SAFETY & COMPLIANCE

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CONSTRUCTIONTECHREVIEW.COM

Top 10 Safety and Compliance Solution Providers - 2019

Construction sector is witnessing fluctuations in numerous ways. Construction Business are becoming smarter and it's significant to recognize that technology is changing the design, procurement, and engineering operations of the construction projects. Safety and Compliance management is also essential for any business as it helps to build a company's brand reputation. Businesses in the construction sector need to work accordingly concerning the order, specification, rule, standard, and request.

Construction is one of the most heavily-regulated industries. With today's demands in development, projects are becoming more abundant, more compound, and involve more number of people, processes, and collaboration than ever before. Businesses might face complex challenges such as regulatory pressures, high-risk environments, competitive shifts, compliance violations, cybercrime, and more. In addition, they need to be compliant with safety standards like TRIF, OSHA, COR, among others to bid on high-value projects. There are software and mobile solutions today, to help contractors manage every aspect of a construction project. Adopting the right Safety and

compliance solution enables organizations to reinvent their growth strategies, develop a more economical cost structure, and increase overall business efficiency. Keeping compliance records up-to-date brings a sense of order to the typical chaos of a worksite going full steam ahead, with multiple teams going about their work.

In order to drive success in the construction environment, it is essential for organizations to acquire greater expertise on coherent digital ecosystems that can ensure efficacy of their solutions while providing state-of-the-art services. In the last few months, our distinguished panel comprising CEOs, CIOs, VCs, analysts and the editorial board of Construction Tech Review have reviewed hundreds of technology solution providers in the construction arena and shortlisted the ones that are at the forefront of tackling the challenges, to help CIOs in choosing the right solution for their enterprises. The companies listed in this issue exhibit immeasurable knowledge and in-depth expertise in delivering innovative storage technology solutions, enhancing speed, security, and accuracy of applications.

Construction Tech Review presents to you the top 10 Safety and Compliance solution Providers - of 2019.

Arrowsight Inc.

recognized by magazine as



An annual listing of 10 companies that are at the forefront of tackling customer challenges

Company:

Arrowsight Inc.

Description:

Arrowsight Inc, a global provider of comprehensive, AI-powered remote video auditing (RVA) services and adjacent software tools, which enforces work site safety 24/7

Key Person:

Adam Aronson

CEO

Joseph D. Posillico III

Co-Owner of Posillico

Civil

Website:

arrowsight.com

Arrowsight Inc.

Game Film for Business—Meticulous Auditing for Onsite Worker Safety

What is the mission? To get people home safe always. It is that simple,” begins Adam Aronson, CEO of Arrowsight Inc., while addressing the severe injuries and fatalities associated with high hazard industries. His words stem from 17 years of experience helping safety centric industries such as agri-business, healthcare, and more recently construction, significantly improve a wide range of safety measures using a Remote Video Auditing (RVA) and artificial intelligence (AI) assisted service platform that can most easily be understood as, “game film for business”. According to the Occupational Safety and Health Administration (OSHA), nearly six and a half million people work at an estimated 252,000 construction sites throughout the nation on a daily basis. To ensure the safety of workers and improve the overall proficiency of frontline supervisors, Arrowsight—in partnership with Posillico Civil, a US-based multi-disciplined heavy civil contractor—has pioneered the use of RVA in the construction industry to reduce the risk of severe injuries.

By leveraging lightweight onsite portable cameras, Arrowsight partnered with Joseph D. Posillico III (one of the owners of Posillico Civil) and his team, to develop customized workplace safety RVA and AI assisted solutions that enable construction organizations to easily collect safety performance metrics of their employees. The majority of the focus is placed on reducing the risk of severe injuries that are caused by workers being too close to energized equipment, workers touching or standing underneath suspended live loads, and workers not following fall protection protocols. After developing powerful hybrid RVA and AI assisted solutions in the agri-business and healthcare industries, Arrowsight is now utilizing similar methods in the construction industry.

Using AI to detect events such as workers on ladders or too close to energized equipment and then triggering human annotation of more detailed audit criteria, this hybrid AI and RVA solution will enable large scale deployments in the construction industry. “All the performance data generated by Arrowsight’s program is made available in web-based Microsoft Power BI data mining reports that allow our frontline supervisors to analyze specifically what kinds of safety challenges exist in every work zone, on every job site, and to review all flagged videos,” adds

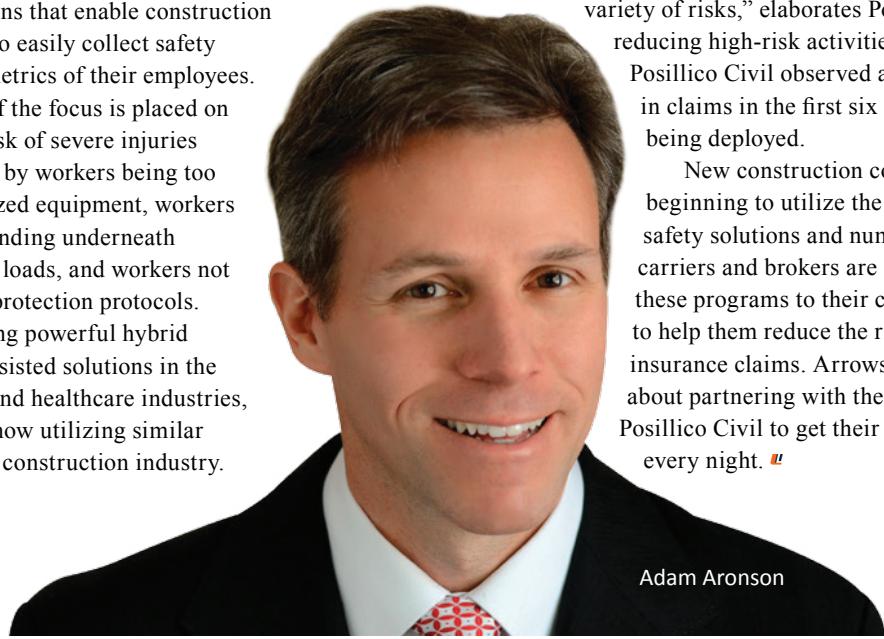
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Training can only go so far; even employees with years of experience are also susceptible to a variety of risks

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Posillico. Construction organizations, after adopting and implementing Arrowsight’s technology, can expect to reduce unsafe worker-behavior from 50 down to below 5 percent as reported by Posillico Civil in their paving and building foundation work sites. “Training can only go so far; even employees with years of experience are also susceptible to a variety of risks,” elaborates Posillico. As a result of reducing high-risk activities by over 90 percent, Posillico Civil observed a 60 percent reduction in claims in the first six months of the program being deployed.

New construction companies are beginning to utilize the Arrowsight workplace safety solutions and numerous insurance carriers and brokers are starting to introduce these programs to their construction clients to help them reduce the risk of expensive insurance claims. Arrowsight is passionate about partnering with their clients such as Posillico Civil to get their workers home safe every night. ▀



Adam Aronson