

CONSTRUCTION SYSTEMS

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The construction industry has faced significant challenges in recent years, with economic uncertainty and fluctuating demand exerting pressure on budgets and resources. As we come to terms with a difficult economic forecast in the coming months, it is more important than ever for leaders and managers to ensure that every dollar spent delivers maximum return on investment (ROI), including information technology (IT) investments. Companies that can leverage technology to improve their operations, reduce costs, and enhance productivity are more likely to survive and thrive in a challenging economic environment. This article will discuss key best practices Hexagon's global user base employed to reduce project risk and drive tangible outcomes.



Part 1: Identifying Areas of Business that Benefit the Most from IT Investments


General contractors face an almost impossible challenge with the number of variables they deal with every day. By identifying areas of business that benefit the most from IT investments and prioritizing those investments accordingly, companies can ensure IT spend is targeted at areas of greatest return.

For example, if a company is struggling with compleom

construction industry. By automating repetitive and manual

processes, both in the field and in the office, companies can free up valuable time for employees to focus on more strategic tasks. Technology-enabled, integrated jobsites improve

efficiency and profitability of construction businesses and help attract and retain key talent.

For example,  is a recent innovation in the construction world but has already permeated throughout the industry. Contractors, superintendents, and other decision-makers can use measurable 3D images to direct field teams, document progress, and plan for next steps before crunch time starts. Significant development is underway to produce machine learning use cases to reduce labor hours, accelerate project timelines, and prevent thousands of dollars in unnecessary rework.

 offer another excellent example

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