



Use of Industrialized Construction Within Mechanical Contractors Association of America



Objectives/Goals

- Collect information about MCAA firms' knowledge of industrialized construction, their use of them in the past, and their willingness to use them in the future
- Explore the possibility of moving towards widespread use of industrialized construction strategies

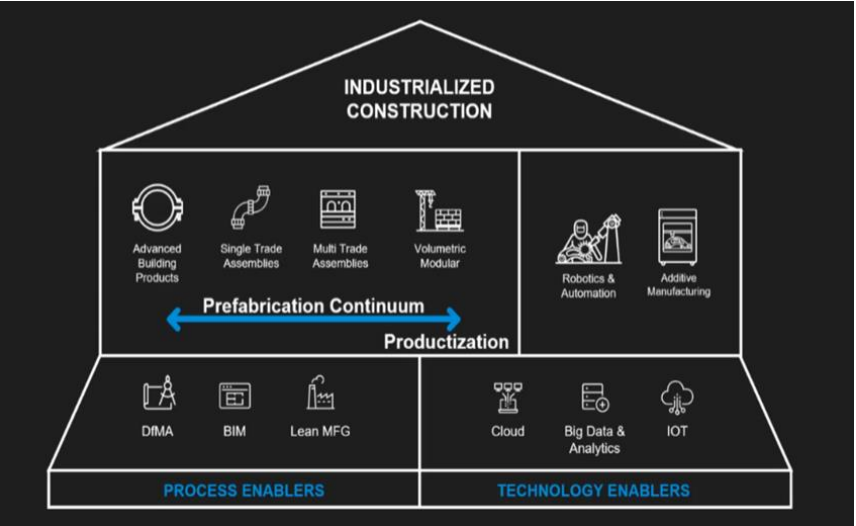
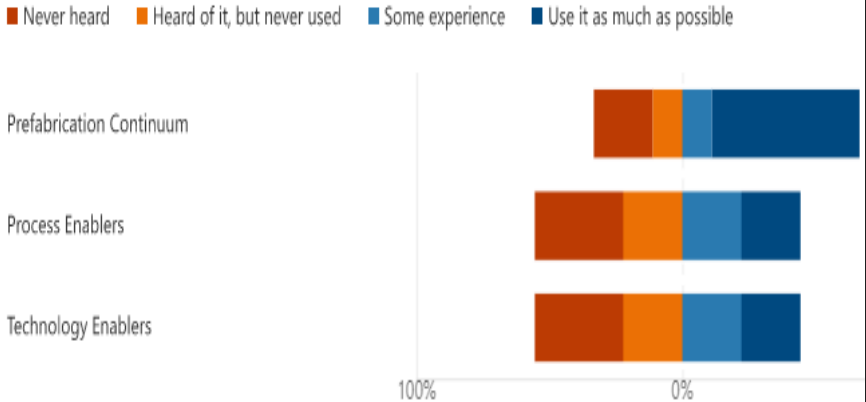
It is a constant battle in the construction industry to improve productivity and efficiency while keeping the cost and schedule as low as possible. This can be made possible through the use of industrialized construction strategies such as, prefabrication, building information modeling (BIM), and automation. It aims to explore the use of industrialized construction and its viability as a path for mechanical contractors to create more work and grow construction businesses. This study investigates and the different strategies used within industrialized construction and defines the benefits of their use. A survey was created and sent out to companies within Mechanical Contractors of America (MCAA). From the survey results, it can be concluded that there was a mix of those who used it as much as possible and those who have never heard of it, however, of the companies that have used these strategies, there was significant savings in cost and schedule on their projects.

Mechanical Firms' Interest in Using Industrialized Construction in the Future (1=Not Interested, 5=Very Interested)

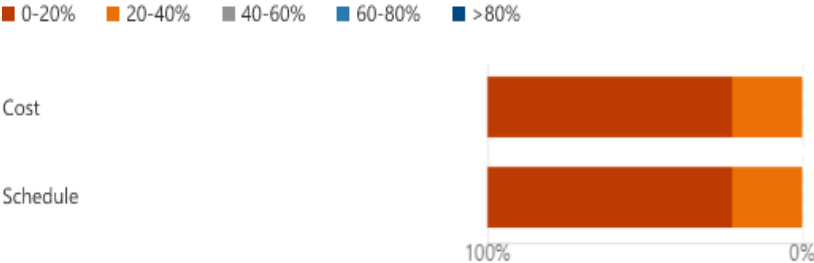
3.22

Average Number

Familiarity with Industrialized Construction



Percentage of Savings in Cost and Schedule from Use of Industrialized Construction Strategies



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