

# Analyzing Industrialized Construction Methods in NECA Contractors

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## Abstract

Industrialized Construction has been an increasing trend in all sectors of construction over the past couple of years, due to the success of creating more efficient projects. Projects that saved more time and money, while also exceeding the quality of work expected. Industrialized Construction is a very broad term with a lot of subcategories of what goes into it.

These methods of increasing efficiency on the jobsite have been successfully implemented by the biggest companies in the world leading to a large increase in profit margin and number of projects worked. And as these trends are becoming more popular contractors of all sectors and sizes are beginning to implement them. While there are thousands of successful implementations of industrialized construction, not many of these come from specialty contractors.

## Future Projects

- Analyze full results of survey against hypothesis made
- Conduct interviews of respondents for quantitative analysis

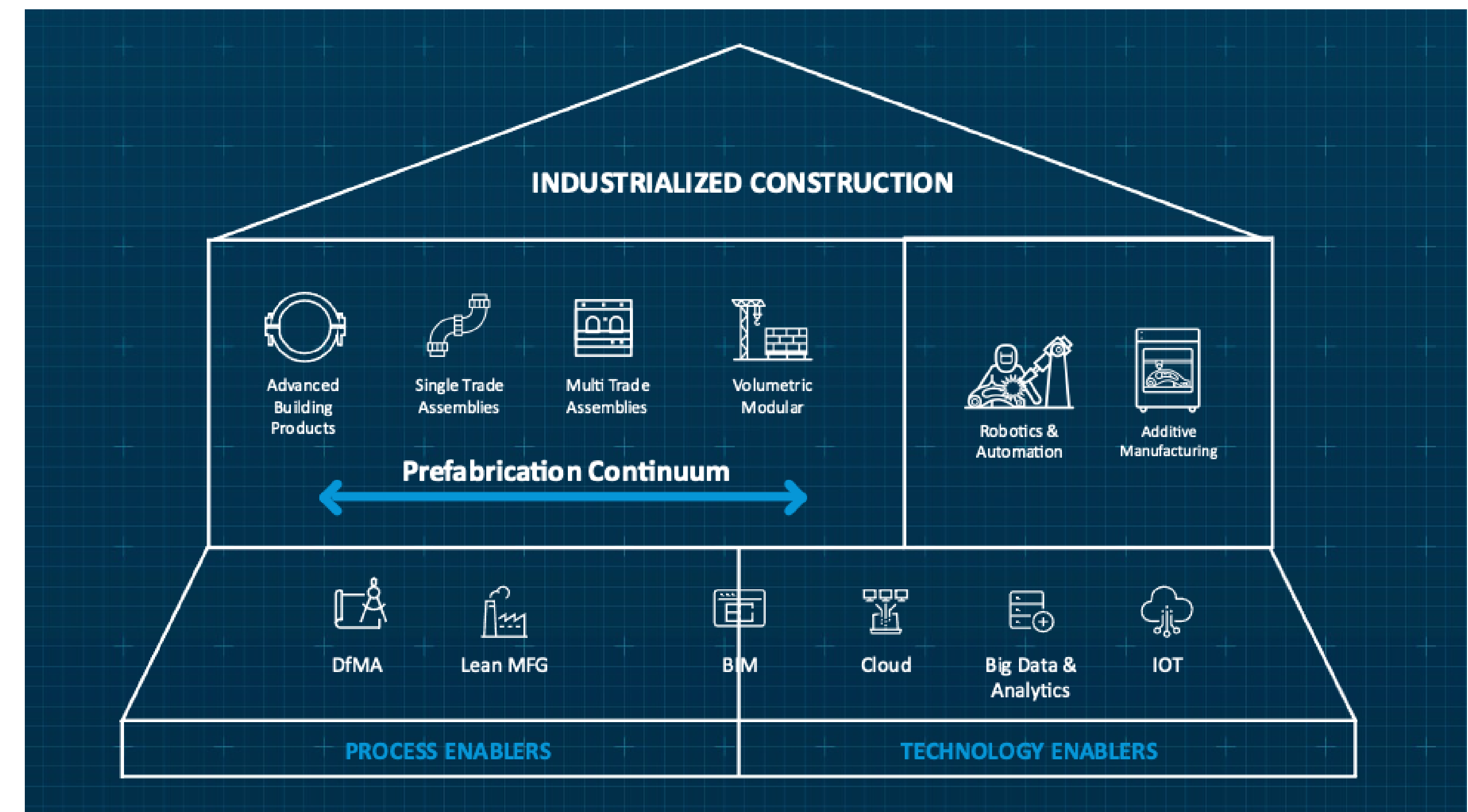


Image from Amy Marks and Autodesk

## Hypothesis

- BIM will be utilized the most, followed by Prefabrication, and Automation is used the least
- Companies using Industrialized Construction methods will experience a significant positive change in time and money.
- Areas of electrical construction that use the methods the most are cabling, lighting assemblies, and device box assemblies.