

# INDUSTRIALIZATION OF CONSTRUCTION® SIGNAL OR NOISE? THREAT OR PROMISE?

## Executive Summary

Industrialization is not a new concept. In fact, it has been happening to other industries for centuries. So why should we let it **just happen to us** in Construction? This study was commissioned to connect the dots looking forward, identifying what the future of construction will look like during and after Industrialization. The objective was to provide ELECTRI International and members of the electrical construction industry a means of getting and staying ahead of the Industrialization of Construction®.

The research included three phases, summarized in the figure below. Each phase included several deliverables to be used by ELECTRI as follows:

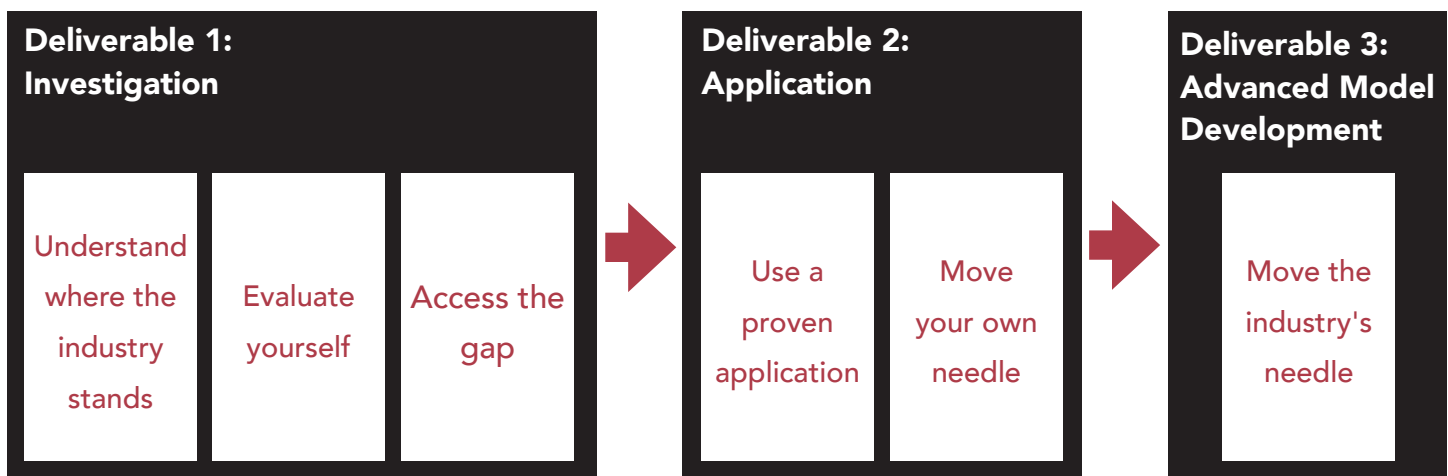
### 1. Investigation:

- a. State of Industrialization report, showing Construction is overall at Step 2 (Management of Work) of Industrialization.
- b. Industrialization Index Self-Evaluation, as a means for individual contractors to know where they stand. **Click here** to take the evaluation yourself.
- c. Signals for the industry overall, and individual contractors to watch for indicating progress along the trajectory of Industrialization.

### 2. Application:

- a. Industrialization Application Guidebook, to be used by contractors for applying various hands-on applications within their businesses to move their own needle forward along the Industrialization Trajectory. (Note: taking the Self-Evaluation

## Research phases



*provides insight to know where you stand and which applications would best suit your business.)*

- b. Clinical trials and results of the applications' usage during the research progress provided insight on ease of application and learning from practitioners.

### 3. Advanced Model Development

- a. An Industrialization of Construction Roadmap—anticipating the industry landscape changes that will be required to move forward on the trajectory.
- b. Industry-wide Lead and Lag indicators to measure the progress toward Industrialization.

Combining the signals that Dr. Perry Daneshgari first described to the ELECTRI Council in 2010 and followed by 10 years of studying “what might happen,” the modules of this research provide forward-looking industry and company-level guidance for what will be required to get and stay ahead.



*Interested in reading more?*

Download the full report **Industrialization of Construction®: Signal or Noise? Threat or Promise?** (Index #F3440) at [www.electri.org](http://www.electri.org).