# Perry's Solutions, LLC

## **Quarterly Newsletter**

February 2018

Welcome to our newsletter. It provides bullet inputs for you to apply. If you receive value from this, please share it with your network (e.g., LinkedIn, Facebook, Twitter).

### EXPERIMENTAL DESIGN IN SYSTEMATIC INNOVATION

In November we shared insights about Systematic Innovation at Product Camp. Our view is a broad look including business processes as well as idea generation and development. What gaps exist in this area? We used Systematic Innovation tools to answer this question! It shows how Experimental Design (Design of Experiments, DOE) addresses critical gaps. <a href="http://bit.ly/2Bo7Dad">http://bit.ly/2Bo7Dad</a> Have us help you use DOE to improve your Innovative accomplishments.

#### VALUABLE TRAINING COMPONENTS - EVALUATE

The next core area is Evaluate. Everything else is pointless unless a person interprets results to gain insights. It is a blended evaluation of the situation. Alternatives are explored such as optimization and robust design, for better and faster decisions. <a href="http://bit.ly/13v1rWG">http://bit.ly/13v1rWG</a> This what we are all trying to do. While experience helps overall capability, guidelines are provided to assist everyone to be a better decision maker.

### FAILURE MODES AND EFFECTS ANALYSIS

Failure Modes and Effects Analysis (FMEA) has become a popular tool in a wide variety of industries. The objective is to find priorities and assign appropriate resources. It is important to recognize that we apply FMEA to a broad range of application areas. It can be generated for design concepts, for detailed designs and for manufacturing processes. It should also include impacts on business requirements in addition to the customer/ user requirements. <a href="http://bit.ly/2y0F6XS">http://bit.ly/2y0F6XS</a> Avoid completing an FMEA just to meet a company requirement. Do it to help your project be successful. We can show you how.

Have a great day!





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