

Perry's Solutions, Inc

Quarterly Newsletter

February 2016

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

DECISION MAKING – ORGANIZATIONAL STRUCTURE

In the book, “How Leaders Think,” they discuss 4 frames for making organizational decisions. The next one we will discuss is organizational structure (and data). It is important to figure out the rules, roles, policies, goals and the environment. This includes understanding the use of data. Do this homework to get the first building block for action.

ROBUST DESIGN – UNDERSTAND INPUT CAPABILITIES

Often times, a supplier will promise to meet whatever specifications we request. What they do not say is what it will cost to do that or the lead time impact. “We can do that” does not make them capable. Gathering initial prototype information can lead us to smart business and design decisions regarding our product. While a full process capability assessment may be ideal, much can be learned with preliminary data. The following presentation provides set up ideas for Design Of Experiments. <http://bit.ly/1dE82ag>

DESIGN FOR SCREENING

In Design of Experiments, an often used phrase is “screening.” In our approach, we consider it the first phase of testing. Historically, a Resolution III design is used in such cases but this has often overlooked assumptions. In Product Design we want to understand our technology better. To avoid missing critical parameters and make the most of our resources, a Resolution IV or higher design should be used. Additionally we can break the test into related areas, which can assist with efficient learning cycles. The following video gives background about the resolution concept. <http://bit.ly/1cIsZQN>

Have a great day!



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