

7<sup>th</sup> Annual INCOSE Great Lakes Regional Conference

## *Leadership Through Systems Engineering*

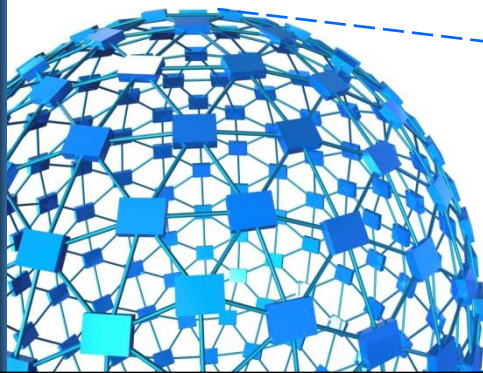
*Aerospace | Commercial | Defense | Health Care | Manufacturing | Academia*

### **Michael Vinarcik, *What Are We Really Trying to Do? Systems Architecture Lessons From History***

Abstract: One of the most important roles of the Systems Architect is to establish and maintain a clear vision of each product under development. This vision must meet the expectations of the client or market and should serve as the "true North" for the development team. However, it is equally important that this vision encompass and be sensitive to architecturally significant requirements (ASRs) (as proposed by Firesmith et al. in "Method Framework for Engineering System Architectures (MFESA)"). This paper will explore a variety of successes from history that are directly attributable to ruthless adherence to satisfying ASRs and failures due to ignoring or flouting them. The author will share several heuristics intended to helping identify the critical few requirements that will determine the success of a project.

Author:

Abstract



**GLRC 2013: *Leadership  
Through Systems Engineering***

