

**System of Systems Engineering
Collaborators Information Exchange (SoSECIE)**

**February 26th, 2019
11:00 a.m. to Noon Eastern Time**

Systems of Systems (SoS) Managerial and Operational Affinity

Presenter: Dr. Mike Yokell, ESEP

Abstract

Two key characteristics of systems of systems are operational and managerial independence. But what do these terms really mean, and what am I supposed to do about it? This presentation is a dialogue about assessing the operational relationships between the constituent systems within a system of systems, and the managerial relationships between the organizations that own them. For each of the relationship types, or affinity options, a framework for tangible, actionable guidance is offered.

Biography

Dr. Mike Yokell is a Lockheed Martin Fellow and Deputy Director, Systems Engineering. He is the US representative to International Standards setting bodies for Systems and Software Engineering and is the project editor for two new international standards on Systems of Systems Engineering. Mike is certified as an expert systems engineering professional (ESEP) by the International Council on Systems Engineering (INCOSE). He holds multiple US and European Patents for Model Based Systems Engineering (MBSE) and large scale immersive virtual reality.