



Systems Engineering Forum

Virtual Series

Aerospace Digital Engineering Ecosystem: Architecture and Implementation

Presenters: Dr. Erin Ryan, The Aerospace Corporation

Abstract:

What is a digital engineering (DE) ecosystem, and how do you build and deploy one? This presentation will briefly tackle this important and difficult topic from the perspective of the Aerospace Corporation. Dr. Ryan will address the Aerospace approach to its DE ecosystem architecture and implementation, to include how this effort fits into larger digital transformation activities. The main theme of this presentation is how a non-traditional, agile approach may be employed to begin realizing enhanced mission value more quickly with less disruption and greater inherent scalability. Dr. Ryan will also discuss the current status of the Aerospace DE ecosystem, including accomplishments to date, major upcoming deliverables, and the most significant near-term challenges.

