



NDIA SE Architecture Committee Report

April 21, 2021

Bob Scheurer

Ed Moshinsky

SE Architecture Committee



Mission / Purpose

- Mission: Grow Relevance, Usefulness, and Awareness of System Architecting and Architectures in National Def. Applications
- Purpose: To Facilitate Successful Acumen and Outcomes from System Architecting and Architectures
- Leadership:
 - Bob Scheurer, Boeing;
 - Ed Moshinsky, Retired LM

Stakeholders / Sponsors / Collaborators

- Stakeholders: Defense Industrial Base Members, DoD, & Services
- Sponsor: Nadine Geier, OSD R&E
- Collaborators: INCOSE, AIA, DoD MOSWG;
 - Paul Jonas, MOSA Metrics, US Army Research
- Membership: 85 members from government, industry, and academia.
- Business Rhythm: Bi-weekly telecons; sub-committee/working groups as required.

Recent Accomplishments

- On-Going Bi-Weekly Full Committee Meetings
- On-Going Bi-Weekly Sub-Committee Meetings (e.g., MOSA Metrics) and Special Meetings, as Needed
- Participating with NDIA Manufacturing Division / Supply Chain Network Committee: Ethan Plotkin, Chair, “Helping OSD Do Sustainment Better”
- Participating in DoD’s MOSA (MOSWG) and Tiger Team(s)
- Participating in PSM’s Digital Engineering (DEWG) Working Group
- Participations in Paul Jonas Army MOSA Metrics Working Group Activities/Surveys
- [MOSA White Paper](#) and Supporting Briefings

2021 Plans / Events / Milestones

- Focus on MOSA Metrics / Metrics Sub-Committee
 - Metrics
 - Contracting Language
- 2021 S&ME Conf. Track on System Architecture
- MOSWG & Tiger Teams Support: MOSA Outreach, et
- Digital Engineering Working Group Support
- Joint Effort w/NDIA Mfg Division/Ethan Plotkin: Better OSD Sustainment - SD-22 Guidebook Update
- **Mission Engineering Working Group Support (New)**
- Other Relevant Plans/Support Areas
 - SE Modernization w/Nadine Geier, OUSD(R&E) SE Director
 - Reference Architectures
 - Modularity & Openness Partitioning and Representations in Architecture Models

Architecture Committee Products

- [MOSA Recommendations & White Paper](#) Folder on Committee's Collaboration Site hosted by Mitre
- **External Links to MOSA White Paper Public Resources**
 - [White Paper](#)
 - [Presentation](#)
 - [Briefing to INCOSE](#)