



NDIA SE Architecture Committee Report

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SE Architecture Committee



Mission / Purpose

- Mission: Grow Relevance, Usefulness, and Awareness of System Architecting and Architectures in National Defense Systems and Applications
- Purpose: To Facilitate Acumen and Successful 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: 87+ members from government, industry, and academia.
- Business Rhythm: Bi-weekly telecons; sub-committee/working groups/**focus teams** 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: **Functional Completeness and Volatility Metric**
- Participating in Paul Jonas Army MOSA Metrics Working Group Activities/Surveys (They are now also participating in our NDIA SE Architecture Committee metrics work)
- [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: **Data gathering phase**
- Mission Engineering Working Group activity
- 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](#)