2015 Status:
CMMI Working Group /
NDIA IEEE Transition Working Group

2015 Tasks Planned	Status	Accomplishments (deliverables, etc.) - Comments
NDIA recommended guidance on use of IEEE 15288 in defense acquisition	Completed	Guidance for Utilizing Systems Engineering Standards (IEEE 15288.1 and IEEE 15288.2) on Contracts for Defense Projects. July 23, 2015. Recommended guidance on tailoring, acquisition language, conformance, and evaluating compliance.
Develop mappings between IEEE 15288 and other common standards as a transition work aid for adopting organizations • CMMI-DEV v1.3 (complete) • ISO 9001 (in work) • AS9100 (pending latest rev)	Completed	Mapping Standards for Integrated Development, v0.7. October 4, 2015. Overview of the NDIA standards mapping tasks, strategy, and approach. Initial draft (v0.7), intended to be an industry asset improved upon with use and extended to include additional standards. Mappings between CMMI-DEV v1.3 and IEEE 15288 (Excel spreadsheet). Initial mappings developed by consensus of a team of industry subject matter experts.

Proposed 2016 Tasks:

CMMI WG:
- Mapping: ISO 9001 vs. CMMI.
- Mapping: AS9100 vs. CMMI (pending release of Rev D)
- Support CMMI NextGen teams (model, appraisal method, performance)

Joint NDIA/DoD DAG mapping team:
- Develop mapping/gap analysis of DAG (Chapter 4 SE) vs. IEEE 15288

Deliverables / Products

- Mapping documents and guidance
- Gap analysis of DAG vs. IEEE 15288

Schedule / Resources

DAG mapping: Q1 CY2016 (est.)

ISO 9001 mapping: CY2016

AS9100D mapping: TBD

Issues / Concerns:

- Cost-effective implementation of IEEE 15288 on acquisition contracts (guidance docs)
- Prevalence of other standards levied on acquisition contracts
- Validation of approach for DAG mapping and gap analysis

Conops – IEEE 15288.1 Deployment Strategy and Integrated Standards Mappings in Acquisition

DoD

15288.1 Deployment Strategy (OSD)	• RFP language • Tailoring guidance • Compliance and monitoring approach

• Joint DoD/NDIA WG

Acquisition Program Office

RFP (levy tailored 15288.1)

Contract Monitoring (compliance)

• Tailoring
• 15288.x conformance

• Work products
• Activities, tasks

Industry

Companies can leverage NDIA consensus standards mappings and extend for their respective org processes and products.

Company Processes

Proposal (Org mappings to15288.x)

SEMP (Contractual)

• SEMP and org 15288.x mappings provided with proposal responses

Company mappings

	Standards			Products			Company Mappings		
Requirements	☑			☑			☑		
	☑	☑	☑		☑			☑	
		☑		☑		☑		☑	☑
	☑		☑	☑		☑	☑		☑

(15288.1 outputs only)

IEEE 15288/15288.1 Deployment Work Aids

NDIA CMMI WG

Consensus Industry Mappings among leading standards

Consensus mappings

CMMI

AS9100 / ISO 9001

Priority: CMMI vs. 15288

IEEE 15288 and .1 DoD

Publish consensus standards mappings in a format that can be extended by companies for their company-specific details.