Systems Security Engineering Committee
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Summary of SSE Committee 2014 Achievements, Current Efforts, & Plans

	Topic	Activity
SSE	**PPP Workshop**	Follow-on to 2012 Workshop scheduled May 19-22 Focus on Performance Metrics, Integration of security sub specialties, and contracting SSE and DT&E.
	Industry perspective	Developing an industry perspective report on "Suggested Language to Incorporate System Security Engineering for Trusted Systems and Networks into Department of Defense Requests for Proposals; January 2014" 2 companies provided reports directly to OSD SE, Deputy for System Security and PP
	INCOSE SSE	Collaboration with INCOSE SSE on NIST SP 800-160 Determined to be a valuable reference for both INCOSE & NDIA.
	INCOSE & NDIA SSE Education & Training	Testing framework and competency model using SSE
	Metrics Project	1 Day Systems Security Metrics Workshop October 27th at NDIA facility in Ballston, VA. Report anticipated Q1 CY2015 *NEW*
	PPP Workshop 2015??	Level of interest in having a PPP Workshop???
SED	**Systems of Systems**	2014: PPP leverage points in the SoS Wave Model *On Hold*
	Developmental Test and Evaluation	2014: Cyber testing guidelines connections to Program Protection Planning (after PPP workshop and DT&E cyber testing guidelines project completion) *On Hold*

Completed | **Current** | **Proposed**

SSE Metrics Project Workshop

System Security Metrics & Measures Workshop (Monday, October 27th)

Report anticipated Q1 CY2015

Key Discussion Topics

The goal of metrics and associated measures is to provide **insight.**

- Insight is the understanding of a specific cause and effect in a specific **context.**

- To develop valuable metrics, we must develop a set of questions to be answered that will contribute to gaining insight.

- Questions then need to be translated into well-defined, measurable quantitative and qualitative responses.

- The collection of questions and responses could be the framework used to build system security assurance cases.

  - **Assurance Cases**
    – Performance (technical)
    – Artifacts (Evidence)
    – Activities, (processes)