DHS-DoD Software Assurance Forum Acquisition Status Briefing

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October 3, 2007

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Two years in the making

Elephants are inside their mother's womb for 22 months

The same amount of time we've been working on this Guide!

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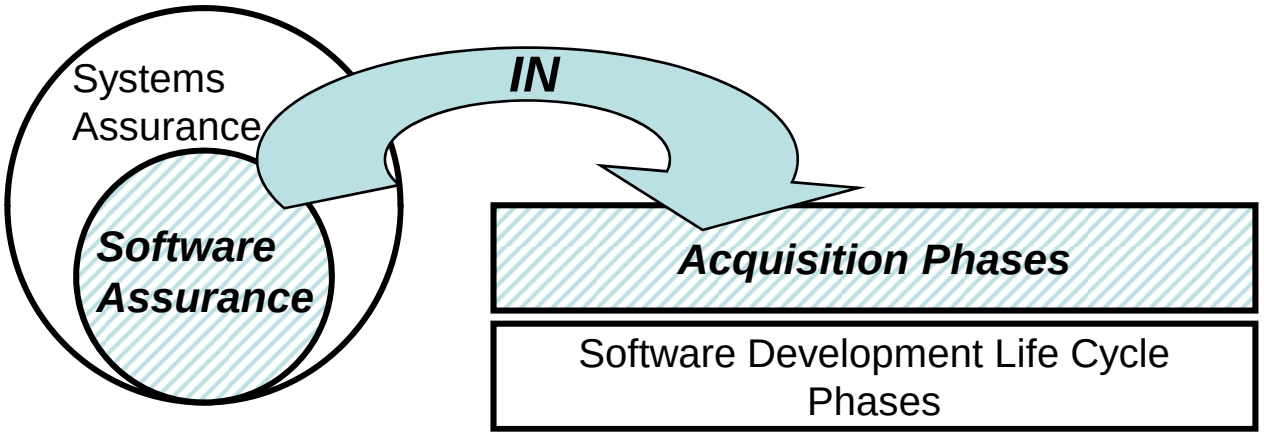
Acquisition Working Group Goals

- To provide guidance on how to incorporate SwA considerations in key decisions of the acquisition process.



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Acquisition
Working Group Action Items

- Address comments on draft guide received from NIST and industry
- Put revised draft through NCSD review cycle in preparation for a broader public comment period

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Acquisition Guide Revisions

- Diagram to clarify the scope of the document
- Notional comparison of acquisition processes (IEEE 1062; NIST SP 88-84; DoDI 8000.2; ISO 12207)

IEEE 1062	Planning		Contracting		Implementation & Acceptance		Follow-on
NIST SP 800-64	Mission & Business Planning	Acquisition Planning	Acquisition		Contract Performance		Disposal & Contract Closeout
DoDI 8000.2	Pre-Systems Acquisition (Acquisition Strategy, e.g., concept & technology development; contracting, and other strategies)		Systems Acquisition (Contracting for system development & production/deployment)				Sustainment (Operations & Support)
ISO 12207 "Customer"	Initiation		Request for Proposal	Contract Preparation & Update	Supplier Monitoring	Acceptance & Completion	

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Acquisition Guide Revisions (con't)

- Clarification of the risk discussion in the planning phase
- Clarification of alternative software approaches
- Clarification of the discussion of SwA requirements in part 2
- Clarification of several parts of the "SwA Concern Categories"
- Major enhancement of the definitions section
- Includes the new policy on securely configuring commercial software
- References the new state of the art report on software security assurance
- Revision of questions in Appendix D

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Acquisition Working Group Plans

- Guide is available on the BSI site
- Guide should be release for public review in Federal Register following Forum – will collect comments for WG review in December
- Development of outreach package to enable WG members to communicate Guide's purpose and methods of use
- Identification of organizations to pilot use of Guide
- Content for acquisition WG portion of Web site needs to be developed

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We want to thank all that participated

- Authors:
  - Mary Linda Polydys, NDU IRMC
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- Additional contributors included:
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  - Brad Doohan, Australian Defence Materiel Organisation (working with SEI and DCMA)
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  - Michael Leichtman, Booz Allen Hamilton
  - Tom O'Flaherty, INPUT
  - Jeff Williams, Aspect Security

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Thanks (con't)

- Detailed reviews of the guide were provided by:
  - Mary Ann Davidson, Oracle
  - Lauren Eisenberg Davis, Johns Hopkins University Applied Physics Laboratory
  - Annabelle Lee, NIST
  - Sandra Ludwig, Booz Allen Hamilton
  - Paul Nicholas, Microsoft
- During most working group meetings, participants provided feedback on draft materials for the guide. Working Group participants are too numerous to list here but are listed in the guide

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