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This material is based upon work funded and supported by the Department of Defense under Contract No. FA8721-05-C-0003 with Carnegie Mellon University for the operation of the Software Engineering Institute, a federally funded research and development center.

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DM-0002777



Background -1

Today, when a Contracting Officer's Representative (COR) needs guidance on contracting for software solutions, there is no single reference:

- Many documents
- Contradictory guidance
- Not necessarily relevant to his/her agency

Desire to have a *single* reference that can help guide CORs to an understanding of how software-intensive solutions:

- What is different about software-intensive solutions?
- How do these differences impact
 - Contract planning
 - Contract formation
 - Contract management
 - Contract closeout



Background -2

Result was the Contracting Officer's Representative (COR) Desk Guide

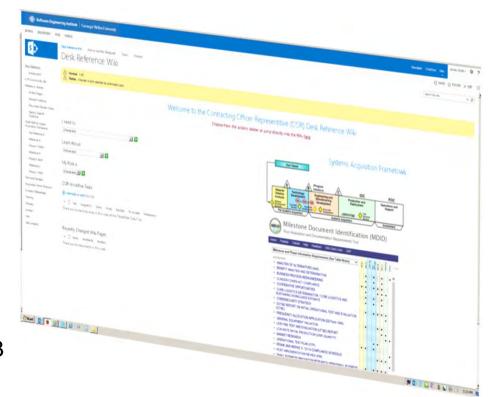
- Interactive aid for contract formation and award for software-intensive system acquisition
- Initial focus on Phase B contract award

Contains general references and guidance

 Explicitly designed to be easily extensible and tailorable to different acquisition contexts, offices, and agencies

Initially developed in SharePoint 2010; updated to SharePoint 2013

Updated to incorporate 2015 version of DoD 5000.02





Approach

Collect existing references, guidance, "best practices" into a single knowledge base that can be accessed in multiple ways:

- Workflow perspective
- Topical perspective
- Interactive and hardcopy format

Not simply a compilation of "stuff," but a *curated* collection of the best available guidance drawn from multiple sources, including:

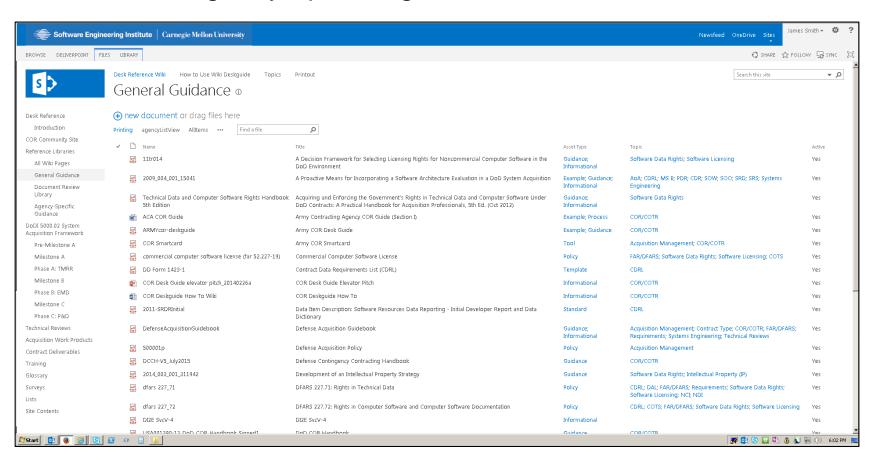
- Applicable statutory, regulatory, and agency guidance (i.e., FAR, DFARS, DoD Instructions, etc.)
- Deep knowledge and experience within SEI and other FFRDCs (e.g., SEI technical reports, Aerospace TORs)
- Other Agency and Service guidance (e.g., USAF Weapon Systems Software Management Guidebook)
- Applicable practices in existing acquisition and development models (e.g., CMMI-ACQ[®])

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Single Knowledge Base

General and agency-specific guidance:



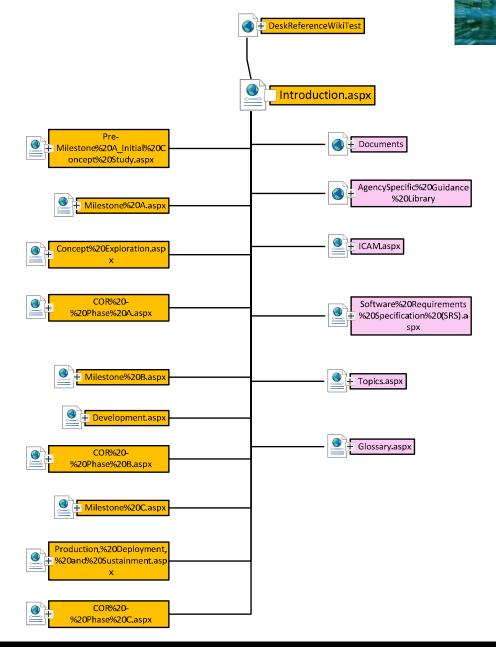
High-Level Structure

The Desk Guide is organized around the acquisition life cycle, from Pre-Milestone A through Phase C

- · Milestone entry criteria
- Phase software activities
- Phase exit criteria

Within each phase, softwarerelated COR guidance provided, including representative RFP language and proposal evaluation criteria

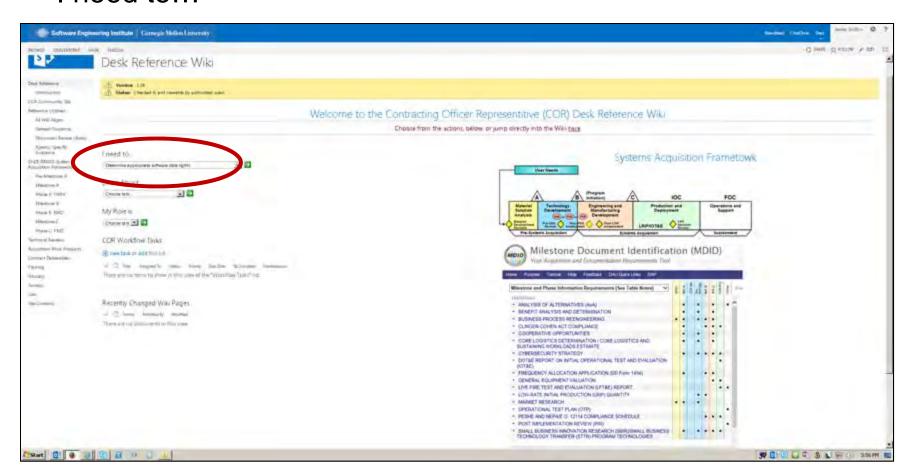
Knowledge base organized into general guidelines/references, agency-specific guidance, and specific topics (e.g., Software Requirements Specification – SRS)





Workflow Perspective - 1

"I need to..."

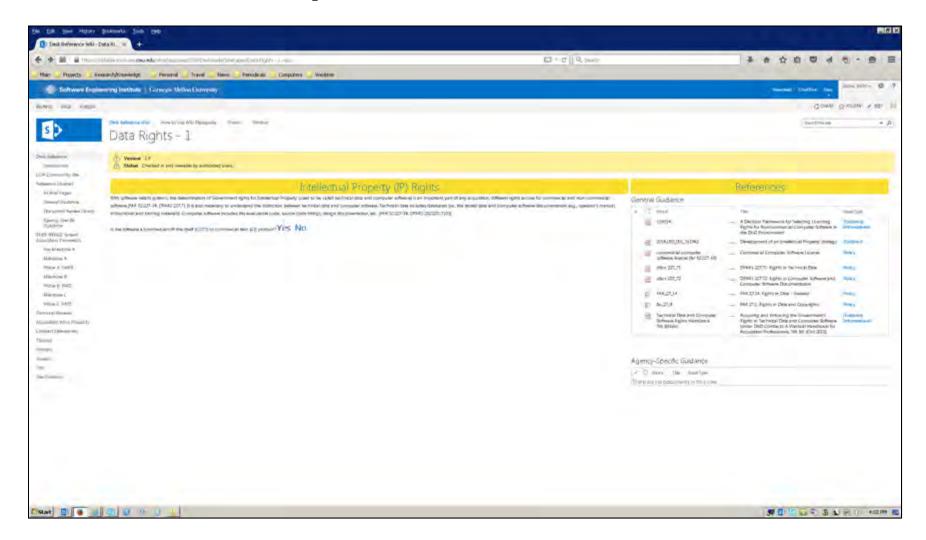


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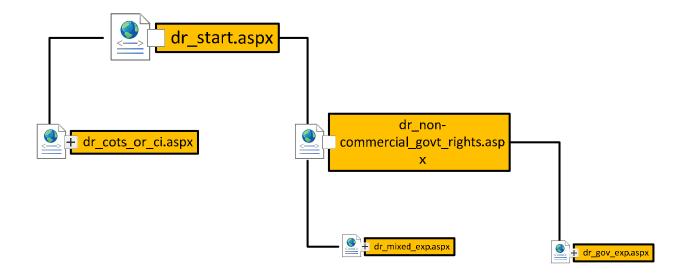
Workflow Perspective - 2





Workflow Perspective - 3

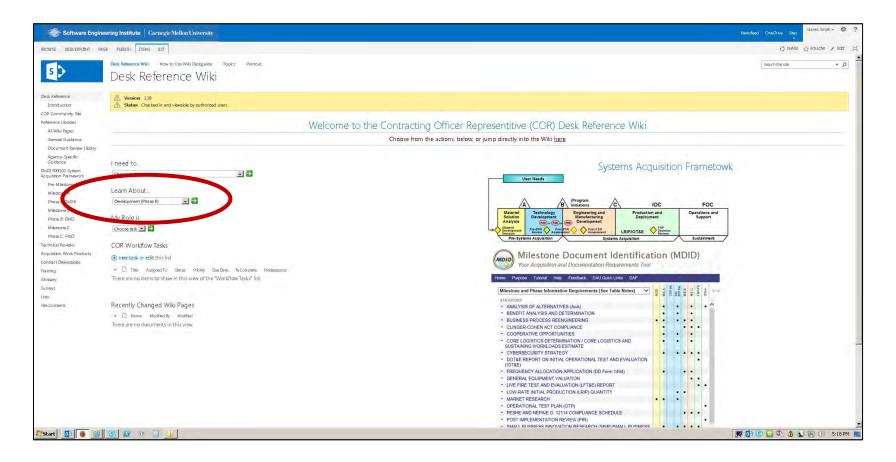
The data rights workflow provides an instance of a decision tree—used in conjunction with the general and agency-specific guidance—to lead a COR through a simple "Yes/No" path to determine the appropriate Government licensing and data rights





Topical Perspective - 1

"I want to learn about..."

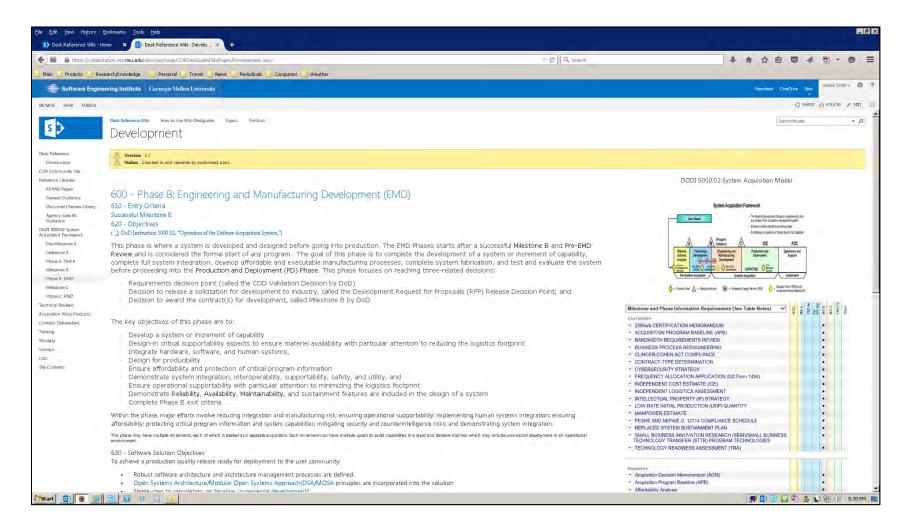


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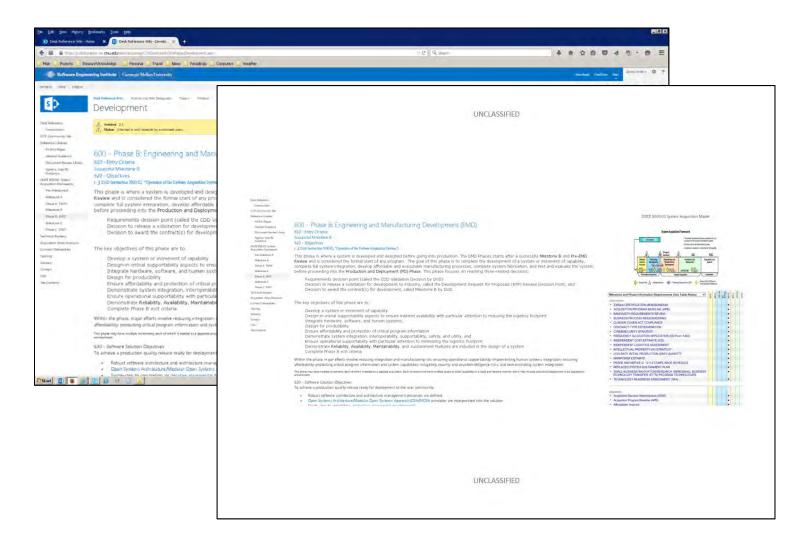


Topical Perspective - 2





Both Interactive and Hardcopy Formats





External Collaboration Environment

COR Desk Guide Wiki mirrored on SEI's External Collaboration Environment SharePoint server

https://workspace.sei.cmu.edu/sites/DeskReferenceWiki/SitePages/Home.aspx

