CMMI-ACQ Rollout

CMMI Tech Conference 2007

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Office of the Under Secretary of Defense
Acquisition, Technology and Logistics
General Motors and the SEI developed the initial CMMI-ACQ model

- Source models included CMMI Acquisition Module (CMMI-AM) and Software Acquisition Capability Maturity Model (SA-CMM)
- Incorporated attempts by several acquisition organizations to adapt the CMMI-DEV to their organization
- Best practices contained in the initial CMMI-ACQ went through an extensive review process with over 60 reviewers from 24 industry and government organizations

Advisory Board and Model Team convened to guide ACQ v1.2

- Representation from multiple acquisition stakeholders to ensure broad applicability (commercial/defense/IT/weapons)

Pilots

- Industry, Government acquisition organizations
- SCAMPI B and C appraisals

Final change requests for v1.2 solicited through stakeholder workshop
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<tr>
<th>Organization</th>
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<tr>
<td>Office of the Secretary of Defense</td>
<td>Kristen Baldwin</td>
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<tr>
<td>Navy</td>
<td>Katie Smith</td>
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<td>Air Force</td>
<td>Bob Swarz</td>
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<td>Army</td>
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<td>Defense Contract Management Command</td>
<td>Guy Mercurio</td>
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<td>Government Accounting Office</td>
<td>Madhav Panwar</td>
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<td>Missile Defense Agency</td>
<td>Mike Smith</td>
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<td>General Motors</td>
<td>Rich Frost</td>
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<td>National Defense Industry Association</td>
<td>Bob Rassa</td>
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# Model Team Members

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<tr>
<th>Organization</th>
<th>Name</th>
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<tr>
<td>Department of Homeland Security</td>
<td>Lloyd Anderson</td>
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<tr>
<td>Borland</td>
<td>Debbie Yedlin</td>
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<td>GM/Pariveda</td>
<td>Tom Keuten</td>
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<td>Defense Materiel Organisation</td>
<td>Brad Doohan</td>
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<td>Army</td>
<td>John Scibilia</td>
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<td>Defense Acquisition University</td>
<td>George Prosnik, Larry Baker</td>
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<tr>
<td>SEI</td>
<td>Mike Phillips, Mike Konrad, Aaron Clouse, Roger Bate, Sandy Shrum, Keith Kost, Rhonda Brown</td>
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<td>Institute for Defense Analyses</td>
<td>Karen Richter, Margaret Porteus</td>
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CMMI-ACQ v1.2

Acquisition Category Process Areas

ACQ PAs seamlessly interact with all CMF PAs through ACQ-specific material added to CMF PAs
Acquisition Specific-Practice Enhancements to CMF PAs

- Measurement and Analysis
  - Includes earned value management material
  - Consistency across the model in measurement terms

- Project Planning
  - Includes establishment and maintenance of a project’s acquisition strategy

- Project Planning and Project Monitoring and Control
  - Includes important specific practices on transition to operations and support

- Integrated Project Management and Organizational Process Development
  - Includes expected material on integrated teaming
  - Crucial to stakeholder involvement for acquisitions in a system of system environment
Highlights of Acquisition PAs

**Solicitation and Supplier Agreement Development (SSAD) and Agreement Management (AM)**
- Similar to Supplier Agreement Management in CMMI-DEV but greatly expanded into 2 PAs
- Covers both legal contracts and other forms of supplier agreements such as interagency MOAs

**Acquisition Requirements Development**
- Similar to Requirements Development in CMMI-DEV, but develops customer and contractual requirements
- At maturity level 2 due to its importance in acquisition
Highlights of Acquisition PAs

**Acquisition Technical Management**
- Emphasizes technical reviews and technical performance measurement for oversight of the supplier
- Interface Management included to complement the other kinds of technical management process areas (e.g., Risk Management, Requirements Management)

**Acquisition Verification**
- Added peer review specific goal as in CMMI-DEV

**Acquisition Validation**
- Applies to both acquirer and supplier activities, similar to CMMI-DEV Validation
Rolling ACQ Out

**ACQ is available at SEI Website**
- [http://www.sei.cmu.edu/cmmi/models/index.html](http://www.sei.cmu.edu/cmmi/models/index.html)

**DoD views CMMI-ACQ as a source of best practices for the Program/Enterprise**
- DoD encourages a *continuous* implementation
- DoD will *not* mandate its use for acquiring organizations

**The Acquisition Module (CMMI-AM) is still available**
- SEI in process of updating it to reflect content of the ACQ

**CMMI-ACQ will be available for certified appraisal in May 08**

**The model and training will continue to be refined as experience is gained**