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CMMI-ACQ Rollout

CMMI Tech Conference 2007

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CMMI-ACQ Development Strategy

- “ 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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Advisory Board Membership

Organization	Name
Office of the Secretary of Defense	Kristen Baldwin
Navy	Katie Smith
Air Force	Bob Swarz
Army	Larry Osiecki
Defense Contract Management Command	Guy Mercurio
Government Accounting Office	Madhav Panwar
Missile Defense Agency	Mike Smith
General Motors	Rich Frost
National Defense Industry Association	Bob Rassa



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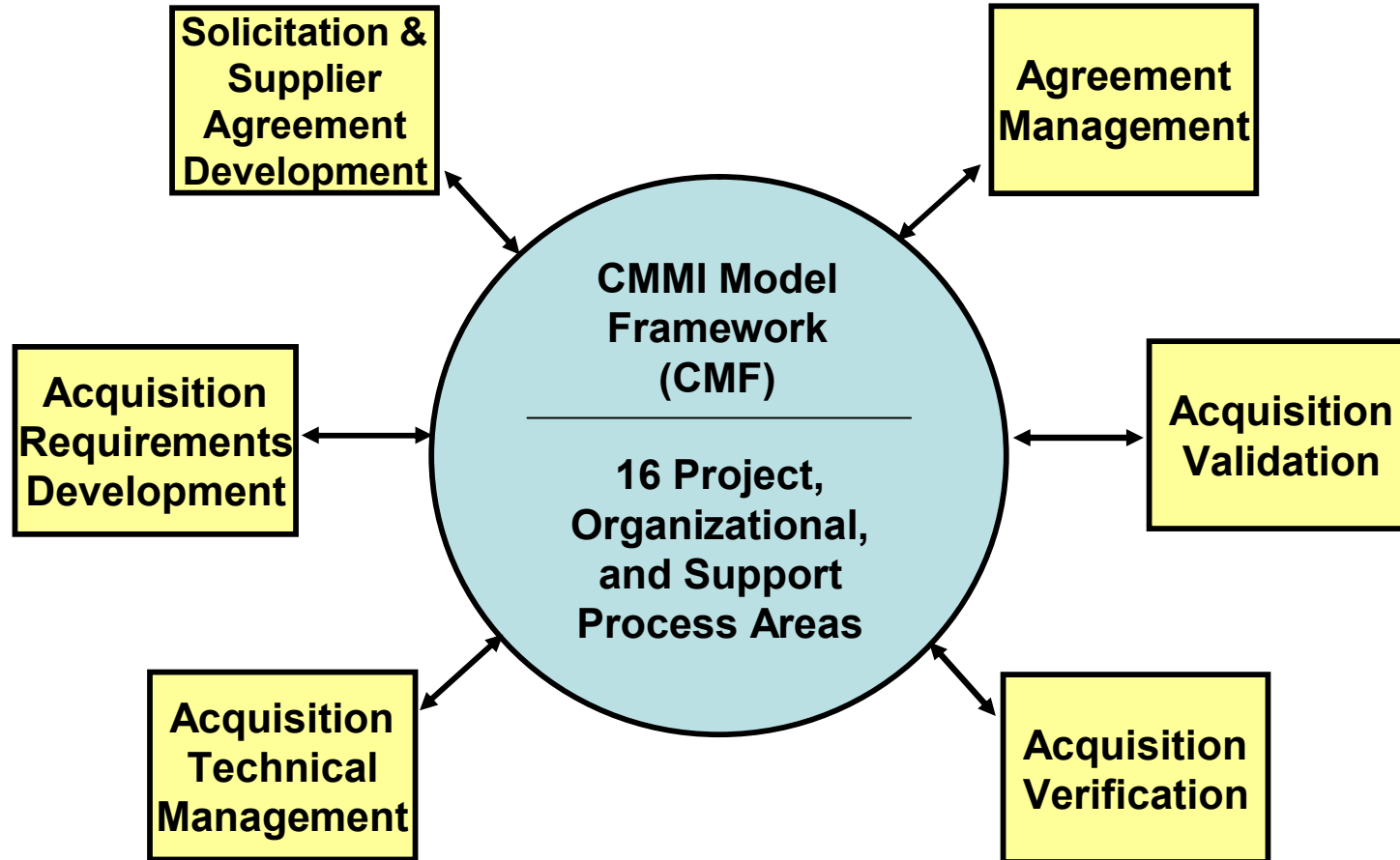
Model Team Members

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



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



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Rolling ACQ Out

- ” ACQ is available at SEI Website
 - . <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