CMMI Steering Group
Current Activity

Bob Rassa
Chair, CMMI Steering Group
June 20, 2012
CMMI Status

- SEI Reorganization
- Product Suite Improvements
- Data Management Model
- + Safe, and + Secure
- Adoption Statistics
SEI Reorganization

- OSD directed that the CMMI Project be removed from the SEI’s program plan
  - SEI is operated by Carnegie Mellon University
  - Rationale: CMMI is a mature product
  - Does not fall within the normal activity of a Federally Funded Research & Development Center
  - CMMI “core” funding was deleted in 2011
- Carnegie Mellon has created a new organization to be called “Level 5 Strategies”
  - CMMI will be hosted there
  - Some existing CMMI personnel will move to Level 5
  - New Director being hired
  - Select additional programs/activities will also be hosted
CMMI Product Improvements

- **CMMI v1.3 was released almost 2 years ago**
  - Focused on integrity improvements, which so far are proving to be effective
  - V1.3 did not afford any simplifications or reductions in complexity
  - CMMI WG was given task to look into possible augmentations to appraisal process in an attempt to make CMMI more affordable

- **Two concepts have been explored:**
  - “Delta” Appraisal
  - “Maintenance” Appraisal
Proposed Appraisal Additions

Delta Appraisal:

- Organization conducts Scampi A for rating; misses by a small amount
- **Today**—organization does not achieve the target level
  - Might be awarded a lower level than target, based on what elements were missed
  - New SCAMPI A would be scheduled for sometime in future to achieve originally targeted level
  - Bottom line: costly
- **Proposed**—subset of appraisal team returns within 3 months to examine the missed elements further
  - If evidence warrants, the original target rating may be granted
  - Bottom line: far less costly
Proposed Appraisal Additions

Maintenance Appraisal

- Current Appraisal validity period is 3 years
  - (NOTE: It used to be “forever”)
- Proposed:
  - Before expiration of current rating, organization can schedule a “Maintenance Appraisal” that would, if successful, extend the validity period by either one or two years
  - Small appraisal team would examine artifacts and evidence on a carefully selected sampling basis
- SEI project Team currently examining the work of the CMMI Working Group
  - SEI folks were involved in discussions so the concepts are not foreign to them.
Data Management Model

• The Enterprise Data Management Council (EDM Council) and the entered into a strategic partnership to create a detailed and appraisable data management model (DMM). The DMM defines the components of data management at the business level so that organizations can assess themselves against documented best practices and improve their management of data resources across functional, business unit and geographic boundaries.

• The core DMM content was developed via collaboration among data management practitioners, operational managers, IT professionals and representatives of various lines-of-business. The components and incremental capability measurement criteria are based in practice and focus on what is required to achieve alignment on strategy, implement governance mechanisms, manage operational components, define dependencies, align with IT capabilities, ensure data quality and integrate trusted data into downstream applications.
+ Safe and + Secure

- Select groups had suggested a CMMI model addition for Safety, and others had suggested an addition for Security
  - Using previous terminology, such additions would have been termed “+ Safe” and “+ Secure”
- CMMI SG maintains that these “focus areas” are already covered within the full CMMI-Dev
  - Additional focus can be provided for Safety and/or Security aspects by including such in the requirements for the overall project
- CMMI SG reaffirmed that these special interest groups were free to write “application notes” to add the appropriate emphasis and focus
## Adoption Statistics

<table>
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<tr>
<th>Training</th>
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<tbody>
<tr>
<td>Introduction to CMMI DEV (cumulative/v1.3)</td>
<td>136,526/12,681</td>
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<td>Intermediate Concepts of CMMI (cumulative/v1.3)</td>
<td>3,203 / 71</td>
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<tr>
<td>Understanding CMMI High Maturity Practices (cumulative/v1.3)</td>
<td>694 / 53</td>
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<td>Acquisition Supplement for Development (cumulative/v1.3)</td>
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<td>Services Supplement for CMMI for Development</td>
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<td>Introduction to CMMI for Services</td>
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<th>Certifications</th>
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<td>SEI-Certified Introduction to CMMI for Development Instructors v1.3</td>
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<td>SEI-Certified Acquisition Supplement for CMMI –DEV Instructors v1.3</td>
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<td>SEI-Certified SCAMPI-v1.2 Lead Appraiser for DEV / SCAMPI DEV LAs (v1.2/v1.3)</td>
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<tr>
<td>SEI-Certified SCAMPI CMMI Lead Appraisers for Services (v1.2/v1.3)</td>
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CMMI Appraisals through 4/12