Process Maturity Profile

CMMI®
SCAMPISM Class A Appraisal Results
2007 Year-End Update

March 2008

We could not produce this report without the support of the organizations and lead appraisers who reported their appraisal results to the SEISM.

Our many thanks for their continuing cooperation with our data collection and analysis efforts.

CMMI Appraisal Program
Outline

Introduction

Current Status

Summary

Terms used in this Briefing

How to Report your Appraisal Results to the SEI

This briefing is based solely on the appraisals reported to the SEI. It cannot be used as a source for an exact indicator of all organizations in the world using CMMI models or appraisal methods nor can it be used for certification or verification purposes.

The SEI does not certify appraisal results or organizations. The SEI licenses SEI Partners, authorizes lead appraisers, team leaders and certified high maturity lead appraisers to conduct appraisals. Neither the SEI nor any other organization is a “certifying authority” of the results from a SCAMPI appraisal. Therefore requests to the SEI to provide information to be used for this purpose can not be fulfilled. Information provided by the SEI, such as this briefing, is to demonstrate reported results of the use of CMMI products and services only.

Organizations performing source selection or verification should consider performing an evaluation appraisal. For more information on appraisal methods and for a directory of authorized lead appraisers who can perform them, visit: http://www.sei.cmu.edu/appraisal-program/
Introduction: Purpose

Characterize the adoption of CMMI®

Describe results from Standard CMMI Appraisal Method for Process Improvement (SCAMPI℠) v1.1/v1.2 Class A appraisals using Capability Maturity Model® Integration (CMMI) v1.1/v1.2 *

Encourage continued reporting of results

* Organizations previously appraised against CMMI v1.0 and which have not reappraised against v 1.1 are not included in this report

Please visit: http://www.sei.cmu.edu/appraisal-program/profile/index.html for additional information or questions you may have about this briefing before contacting the SEI directly
Current Status

SCAMPI v1.1/v1.2 Class A appraisals conducted from the SCAMPI V1.1 April 2002 release through December 2007 and reported to the SEI by January 2008

- 3,113 appraisals
- 2,674 organizations
- 1,882 participating companies
- 361 reappraised organizations
- 14,620 projects
- 68.6% Non-USA organizations

Please refer to: Terms Used in this Report on page 22

Additional charts providing different views and break down of this information will be added to this briefing as more appraisal data is reported to the SEI over time.
Process Maturity Profile by All Reporting Organizations

Based on most recent appraisal of 2674 organizations
Process Maturity Profile (V1.2 Only) by All Reporting Organizations

Based on most recent appraisal of 545 organizations
Reporting Organization Categories

Based on 2652 organizations reporting an organization category
Process Maturity Profile by Reporting Organization Categories

% Of Organizations Within Category

<table>
<thead>
<tr>
<th>Category</th>
<th>Process Maturity Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial/In-house = 1909</td>
<td></td>
</tr>
<tr>
<td>Contractor for Military/Government = 609</td>
<td></td>
</tr>
<tr>
<td>Military/Government Agency = 134</td>
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</table>

Based on most recent appraisal of 2652 organizations reporting an organization category
Organization Type
Based on Primary Standard Industrial Classification (SIC) Code

Based on 1784 organizations reporting SIC code. For more information visit: http://www.osha.gov/oshstats/sicser.html
Organization Size
Based on the total number of employees within the area of the organization that was appraised

- 1 to 100: 50.8%
- 101 to 200: 19.8%
- 201 to 300: 9.0%
- 301 to 500: 7.4%
- 501 to 1000: 6.8%
- 1001 to 2000: 3.7%
- 2000+: 2.5%
- 25 or fewer: 13.6%
- 26 to 50: 15.6%
- 51 to 75: 12.8%
- 76 to 100: 8.9%

Based on 2635 organizations reporting size data
Maturity Profile by Organization Size

Based on the total number of employees within the area of the organization that was appraised

Based on 2635 organizations reporting size data
Disciplines Selected for Appraisals 
(V1.1 Only)

Number of Appraisals

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<tr>
<td>SW</td>
<td>1,330</td>
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<tr>
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<tr>
<td>SE/SW/IPPD/SS</td>
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Based on 2,565 appraisals reporting discipline data

For more information about Allowable Models & Combinations, visit: http://www.sei.cmu.edu/cmmi/background/aspec.html
Countries where Appraisals have been Performed and Reported to the SEI

Argentina, Australia, Austria, Bahrain, Bangladesh, Belarus, Belgium, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Egypt, Finland, France, Germany, Hong Kong, Hungary, India, Indonesia, Ireland, Israel, Italy, Japan, Belgium, Korea, Republic Of, Latvia, Mexico, Morocco, Netherlands, Norway, New Zealand, Poland, Portugal, Russia, Romania, Switzerland, Saudi Arabia, Ecuador, Colombia, Spain, Sweden, Switzerland, United Arab Emirates, United Kingdom, United States, Uruguay, Viet Nam, Thailand, Turkey, Ukraine
Number of Appraisals Reported to the SEI by Continent

Based on 3113 appraisals
USA and Non-USA Reporting Organization Categories

- **Commercial/In-house**
  - USA: 261 organizations
  - Non-USA: 1648 organizations

- **Contractor for Military/Government**
  - USA: 480 organizations
  - Non-USA: 129 organizations

- **Military/Government Agency**
  - USA: 94 organizations
  - Non-USA: 40 organizations

Based on **839** USA organizations and **1817** Non-USA organizations reporting an organization category.
Maturity Profile by All Reporting
USA and Non-USA Organizations

Based on **839** USA organizations and **1835** Non-USA organizations
## Number of Appraisals and Maturity Levels Reported to the SEI by Country

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<th>Maturity Level 3 Reported</th>
<th>Maturity Level 4 Reported</th>
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<td>18</td>
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</table>

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March 2008

Process Maturity Profile - Page 17
Process Area Profiles - 1
Organizations Appraised at Maturity Level 1

Based on 65 appraisals reporting a maturity level 1 rating

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Process Maturity Profile - Page 18
Process Area Profiles - 2
Organizations Appraised at Maturity Level 2

Based on 1024 appraisals reporting a maturity level 2 rating
Number of SCAMPI A Appraisals Reported to SEI by Year

Based on 3113 appraisals
Summary

3113 appraisals have been reported to the SEI in 70 months

The Organization Category of “Commercial/In-house” reports most of the appraisals

The highest percentage of “Commercial/In-house” reporting appraisals is from outside the USA

The highest percentage of “Military/Government Agency” reporting appraisals is from the USA

Outside the USA: China, India, Spain, Argentina, Brazil and Malaysia reported appraisals are increasing at a rapid rate

Additional information and charts will be added to this briefing as more appraisals are reported and more data is available to support the breakdowns
Terms Used in this Report

**Company**  
- Parent of the appraised entity  
A company can be a commercial or non-commercial firm, for-profit or not for-profit business, a research and development unit, a higher education unit, a government agency, or branch of service, etc.

**Organization**  
- a.k.a. Appraised entity  
The organization unit to which the appraisal results apply. An appraised entity can be the entire company, a selected business unit, units supporting a particular product line or service, etc.

**Non-USA**  
- Appraised entity whose geographic location is not within the United States. The parent of the appraised entity may or may not be based within the United States.
Report your Appraisal Results to the SEI

The briefing is only possible due to the cooperation of organizations and individuals sending in their appraisal results to the SEI.

In order to provide this information and service in the future, it will depend on this continued cooperation.

Please visit:

http://www.sei.cmu.edu/appraisal-program/profile/index.html

for forms, information, and instructions on how to report appraisals to the SEI.
Contact Information

Please visit:

http://www.sei.cmu.edu/appraisal-program/profile/index.html

and review the information provided before contacting:

SEI Customer Relations          (412) 268-5800
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