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

Our many thanks for their continuing cooperation with our data collection and analysis efforts.
# Process Maturity Profile: CMMI SCAMPISM Class A Appraisal Results

## 2007 Year-End Update

**Performance Organization Name(s) and Address(es):**

| Carnegie Mellon University, Software Engineering Institute (SEI), Pittsburgh, PA, 15213 |

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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 cannot 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<sup>SM</sup>) 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

Number Of Organizations

- Not Given: 8.0%
- Initial: 1.5%
- Managed: 32.9%
- Defined: 41.9%
- Quantitatively Managed: 3.3%
- Optimizing: 12.3%

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

- Commercial/In-house: 72.0%
- Contractor for Military/Government: 23.0%
- Military/Government Agency: 5.1%

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

Based on most recent appraisal of 2652 organizations reporting an organization category
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

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)

- SE = System Engineering
- SW = Software Engineering
- IPPD = Integrated Product and Process Development
- SS = Supplier Sourcing

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](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
Bulgaria  Canada  Chile  China  Belarus
Dominican Republic  Egypt  Finland  France  Costa Rica
Indonesia  Ireland  Israel  Italy  Germany
Mauritius  Mexico  Morocco  Netherlands  Japan
Philippines  Poland  Portugal  Romania  Korea, Republic Of
South Africa  Spain  Sweden  Switzerland  Norway
United Arab Emirates  United Kingdom  United States  Uruguay

Red country name: New additions with this reporting
Number of Appraisals Reported to the SEI by Continent

- Asia: 1354
- Europe: 403
- North America: 1080
- South America: 208
- Africa: 38
- Oceania: 30

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: 40 organizations
  - Non-USA: 94 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

<table>
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<tr>
<th>Country</th>
<th>Number of Appraisals</th>
<th>Maturity Level 1 Reported</th>
<th>Maturity Level 2 Reported</th>
<th>Maturity Level 3 Reported</th>
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</tbody>
</table>
Process Area Profiles - 1
Organizations Appraised at Maturity Level 1

Optimizing
- CAR
- OID

Quantitatively Managed
- QPM
- OPP

Defined
- DAR
- ISM
- RSKM
- IPM
- OT
- OPD
- OFF
- VAL
- VER
- PI
- TS
- RD

Managed
- CM
- PPQA
- MA
- SAM
- PMC
- PP
- REQM

Based on 65 appraisals reporting a maturity level 1 rating
Process Area Profiles - 2
Organizations Appraised at Maturity Level 2

Based on 1024 appraisals reporting a maturity level 2 rating

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Process Maturity Profile - Page 19
Number of SCAMPI A Appraisals Reported to SEI by Year

Based on 3113 appraisals

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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:

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