Process Maturity Profile

CMMI® v1.1
SCAMPI™ v1.1 Class A Appraisal Results
2004 Year End Update

March 2005

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.

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 number of appraisals reported to the SEI. It cannot be used as a source for an exact indicator of all organizations in the world using SEI 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 and authorizes approved team leaders 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 its 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/managing/app.directory.html
Introduction: Purpose

Characterize the adoption of CMMI®

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

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/sema/profile_about.html for additional information or questions you may have about this briefing before contacting the SEI directly
Section 1. Current Status

SCAMPI v1.1 Class A appraisals conducted from its April 2002 release through December 2004 and reported to the SEI by January 2005

- 630 appraisals
- 567 organizations
- 298 participating companies
- 56 reappraised organizations
- 2,339 projects
- 56.1% Non-USA organizations

Please refer to: Terms Used in this Report on page 19

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.
Maturity Profile by All Reporting Organizations

Based on most recent appraisal of 567 organizations

Number Of Organizations

Not Given: 9.2%
Initial: 4.8%
Managed: 34.4%
Defined: 26.8%
Quantitatively Managed: 4.4%
Optimizing: 20.5%

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Reporting Organizational Categories

- Commercial/In-house: 60.1%
- Contractor for Military/Government: 34.0%
- Military/Government Agency: 5.8%

Based on 567 organizations
Maturity Profile by Reporting Organization Categories

Based on most recent appraisal, of 567 organizations
Organization Type
Based on Primary Standard Industrial Classification (SIC) Code

Based on 253 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: 38.5%
- 101 to 200: 17.7%
- 201 to 2000: 43.8%
- 2000+: 3.6%
- 25 or fewer: 9.8%
- 26 to 50: 11.4%
- 51 to 75: 9.4%
- 76 to 100: 8.0%
- 501 to 1000: 10.3%
- 1001 to 2000: 7.6%
- 51 to 75: 9.4%
- 26 to 50: 11.4%
- 51 to 75: 9.4%
- 76 to 100: 8.0%

Based on 553 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 553 organizations reporting size data
Disciplines Selected for Appraisals

Based on 630 appraisals

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
- Belarus
- Brazil
- Canada
- Chile
- China
- Colombia
- Czech Republic
- Denmark
- Egypt
- Finland
- Germany
- Hong Kong
- India
- Ireland
- Israel
- Italy
- Japan
- Korea, Republic of
- Malaysia
- Mexico
- Netherlands
- New Zealand
- Philippines
- Russia
- South Africa
- Spain
- Sweden
- Switzerland
- Taiwan
- Thailand
- United States
- United Kingdom

Red country name: New additions with this reporting
USA and Non-USA Reporting Organization Categories

- **Commercial/In-house**
  - USA: 100% = 249
  - Non_USA: 100% = 318
  - Total: 273

- **Contractor for Military/Government**
  - USA: 100% = 249
  - Non_USA: 100% = 318
  - Total: 149

- **Military/Government Agency**
  - USA: 100% = 249
  - Non_USA: 100% = 318
  - Total: 32

Based on **249** USA organizations and **318** Non-USA organizations

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Maturity Profile by All Reporting USA and Non-USA Organizations

Based on **249** USA organizations and **318** Non-USA organizations
## Number of Appraisals and Maturity Levels Reported to the SEI by Country

<table>
<thead>
<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>
<th>Maturity Level 4 Reported</th>
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</table>
Process Area Profiles - 1
Organizations Appraised at Maturity Level 1

Based on 39 appraisals reporting a maturity level 1 rating
Process Area Profiles - 2
Organizations Appraised at Maturity Level 2

Optimizing
- CAR
- OID

Quantitatively Managed
- QPM
- OPP

Defined
- OEL
- DAR
- ISM
- IT
- RSKM
- IPM
- OT
- OPD
- OPF
- Val
- Ver
- PI
- TS
- RD

% of Appraisals

Based on 203 appraisals reporting a maturity level 2 rating
Summary

630 appraisals have been reported to the SEI in 34 months

Commercial/In-House organizations reporting appraisals is increasing more rapidly than other organizational categories

Government/Military and Government/Military Contractors reporting appraisals is increasing at a stable and consistent rate

The highest percentage of Commercial/In-House organizations reporting appraisals is from outside the USA

The highest percentage of Government/Military Contractors reporting appraisals is from the USA

Comparing early reports of the SW-CMM maturity profile with early CMMI data reflects a more mature CMMI® profile

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/sema/report.html

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

Please visit:

http://www.sei.cmu.edu/sema/profile_about.html

and review the information provided before contacting:

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