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SEI[SM] Appraiser Program: Future Directions

3rd Annual CMMI® Technology Conference and User Group

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Agenda

Context setting – the SEI Appraiser Program

Retrospective on SEI Process Appraisal

Today – recent or ongoing improvements

Tomorrow - improvements under consideration

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Context Setting

What is the SEI Appraiser Program?

- Scope
- Purpose
- Operating mechanism

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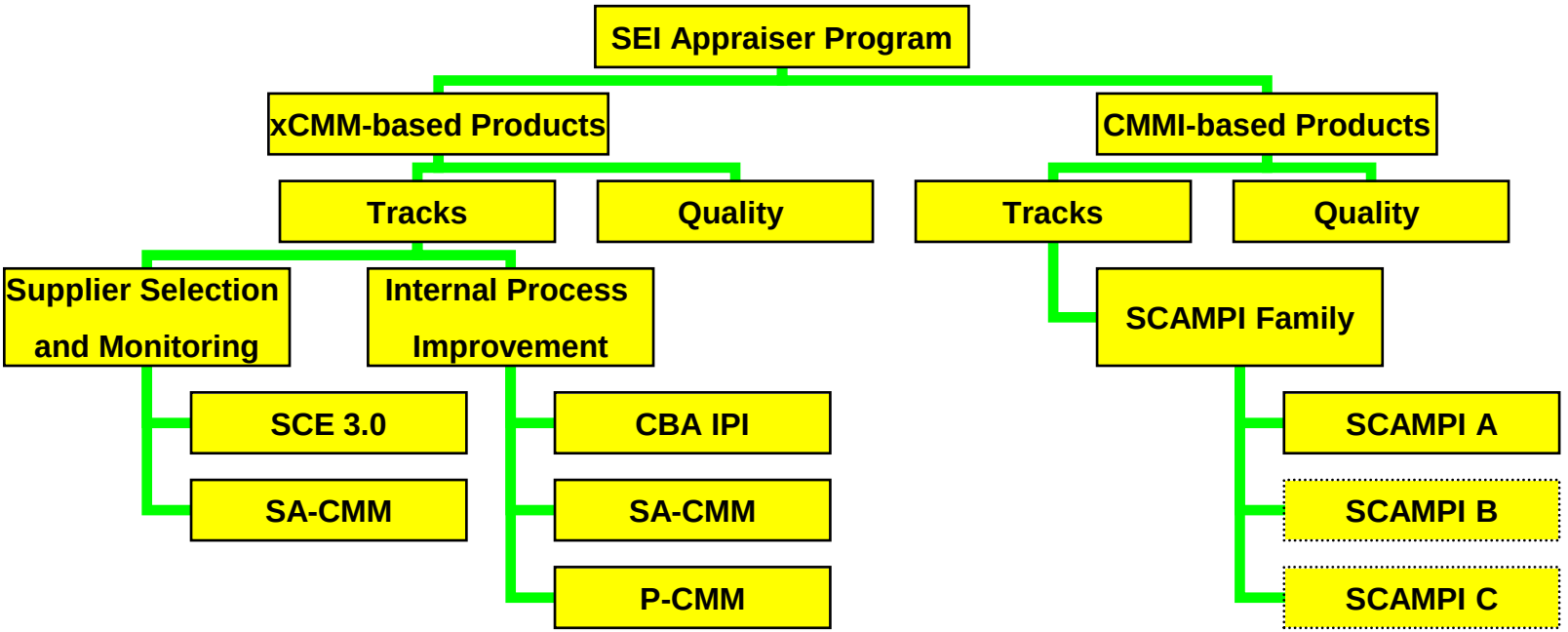
SEI Appraiser Program Scope



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SEI Appraiser Program Purpose

Purpose: Promote and support synergy among SEI appraisal methods and a uniform level of quality in SEI appraisal methods and related products and services

Goals:

- Maximize value and use of SEI appraisal methods facilitated by qualified, trained individuals.
- Transition appraisal technology in an effective manner, maintaining consistency and quality in the process.

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Retrospective – SEI Appraisals

Generation	Method (s)	Model (s)	Period
0	SEI-assisted Assessments (SEIAAs)	Implicit	1987-1992
1	Software Process Assessment (SPA), SCE	Implicit/SW-CMM	1988-1994
2	CBA IPI/SCE 3.0	SW-CMM	1994-2005
3	SCAMPI (A)	CMMI	2001+

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Recent Or Ongoing Improvements

Introduction of formal communication mechanism (notifications)

Appraisal Report Processing Improvements

SCAMPI Lead Appraiser Annual Workshop

SCAMPI Family

SW-CMM-based SCAMPIs

SCAMPI Appraisal Team Training

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1st Annual SCAMPI Lead Appraiser Workshop

Conducted in Washington, DC November 4-5; co-located with workshop for CMMI instructors (November 6)

Approximately 135 SCAMPI Lead Appraisers participated

Annual event which focuses on the SLA community

- Interactive
- 2-way communication
- Multi-purpose (upgrades, currency, inform, feedback, etc.)

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Selected SLA Workshop Topics

Code of Conduct

Changes to SCAMPI Lead Appraiser Authorization renewal criteria

Improvements to SCAMPI Method and materials

CMMI Product Suite and International Standards

SCAMPI Asset Library proposal

SCAMPI B/C pilots

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Workshop Snipets -1

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Improvements Under Consideration

Maintenance of SCAMPI Lead Appraiser Proficiency - a broader perspective

Draft Notifications

Synergy with selected international standards

SCAMPI asset library

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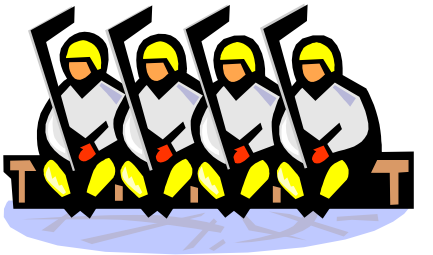
Renewal Criteria (current)

2 Years



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Renewal Criteria (future)

4 Years

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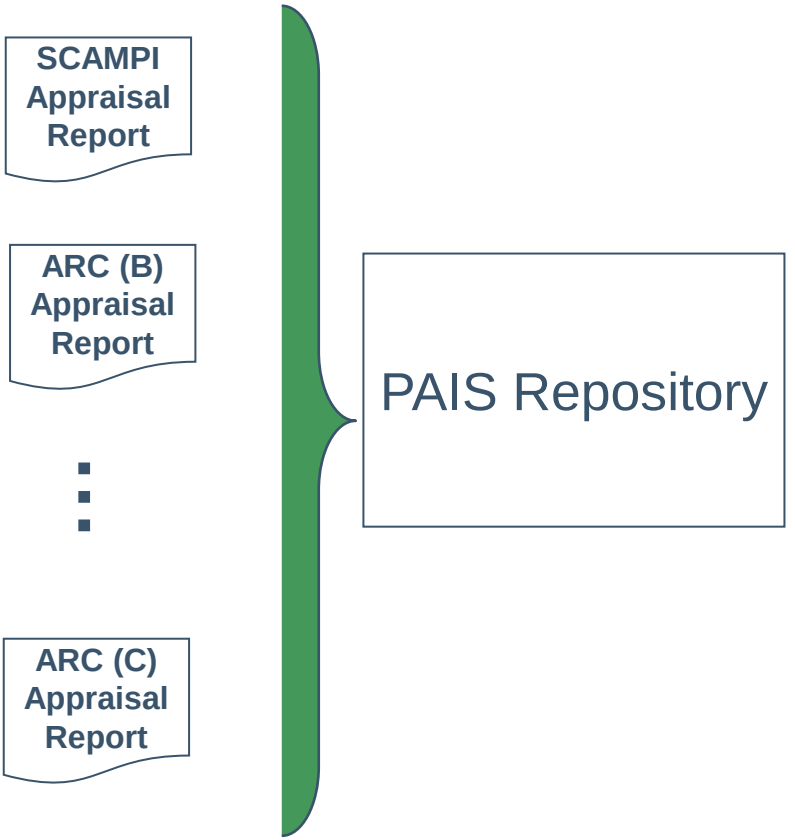
Recognition of Appraisal Experience

- the appraisal method documentation required by ARC requirements in clause 4.2 is freely available to the public,
- a detailed mapping which shows how the method satisfies the relevant ARC requirements is freely available to the public (e.g. as in appendix D of the SCAMPI MDD),
- submissions of appraisal reports to the SEI meet requirements consistent with the ARC and similar to those imposed on members of the SCAMPI Family of appraisal methods; in particular, an ADS-like artifact would be a required part of such appraisal reporting.



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Draft Notifications

SCAMPI-N-0003: Goal rating profile

SCAMPI-N-0004: Appraisal feedback form submission

SCAMPI-N-0005: Appraisal Input submission

SCAMPI-N-0006: F2F affirmation

SCAMPI-N-0007: Minimum requirements for observation appraisal

SCAMPI-N-0008: Use of non-standard SCAMPI artifacts

SCAMPI-N-0009: Reporting appraisal findings

SCAMPI-N-0010: Announcement for scampi-quality

SCAMPI-N-0011: Announcement for SLAT for SWCMM

SCAMPI-N-0012: Change in renewal period

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Synergy With Selected International Standards -1

Identify areas where there are opportunities for synergy between key international standards and the CMMI Product Suite

Exploit these opportunities by developing appropriate work products and/or liaising with appropriate individuals and organizations

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Synergy With Selected International Standards -2

Two of the key areas identified to date are the ISO 9000:2000 family of standards and the (emerging) ISO/IEC 15504 standard

Note that 15504 provides a mechanism for establishing important relationships to other international standards such as ISO 9000:2000, 12207, 15288 and others

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Future Directions for SCAMPI

Capability to conduct fully conformant appraisals relative to selected PRMs; possibilities include

- 12207
- 15288
- 9000:2000
- Native CMMI PRM

Pace and selection (of PRMs) dependent on market needs.

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