SCAMPI Appraisals for Small Companies

CMMI® Technology Conference
November 17-20, 2008
Agenda

» SCAMPI Myths
» Challenges and Solutions for Small Companies
  » Full Life-Cycle Projects
  » Making the Timeline
  » What’s a Representative Project

» Summary

» Q & A
CMMI for Small Organizations

» Myths: CMMI won’t work for small organizations, it is too expensive and time consuming

» Truth: CMMI will work, it is just important to:
  » #1 be creative with project selection
  » #2 plan timelines carefully and prepare for the worst
  » #3 don’t go overboard with project selection—consider use of resources
Small Organization Challenges

» Project selection
» Schedule / Budget
» Representative of the organization
Finding Full Life-Cycle Projects

» Challenge #1: Identifying multiple full life-cycle projects for complete process coverage
Example: Team had identified two complete full life-cycle projects, but there were some missing phases.
Making the Schedule

» Challenge #2: Schedule / Budget

  » Gap Analysis

  » Mapping Practice Implementation Indicators

  » Project selection
    : Is the project far enough along
    : Contingencies

  » Resources
Making the Schedule

**Examples:**

- Project put on hold, scrambled to get another project far enough along to complete for appraisal
- Appraiser availability cuts into timeline

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Representative Projects

» Challenge #3: Projects must be representative of organization
Representative Projects

Example: Most of an organization’s projects include verification and have more than 10 engineers, but no comparable full life-cycle projects were available.
Summary

» Key to small organization success is careful project selection:
  » Be creative
  » Plan timelines carefully
  » Book in advance
  » Have a backup, or two
  » Select representative projects
  » But, don’t go overboard!
Questions?

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