



CMMI Institute

BEYOND SCAMPI – ASSESSING AN ORGANIZATION’S REAL CAPABILITY

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NOTE TO READER!

This presentation was delivered at Capability Counts 2017. The concepts outlined in this presentation were demonstrated using an Excel tool in the conference presentation. If you simply read these slides and did not attend the conference presentation, you will probably not acquire much value from this material.

WHAT IS CAPABILITY?

Wiktionary:

The power or ability to generate an outcome.

Michaeliktionary:

The power or ability to generate a positive outcome relative to the investment.

IS YOUR PROCESS A PRODUCT? AND WOULD YOU BUY IT? WHAT WOULD YOU PAY FOR IT?

- Were there documented requirements or user stories / use cases for your processes?
- Was your process designed (or just built)?
- Was your process peer reviewed against its requirements, architecture or design standard?
- Was your process tested (piloted) against the user stories or use cases?
- Does your process address “ilities?”

WAS THE INTENT OF GP 3.1 IN ALL PAs REALLY SATISFIED?

- Is there really fidelity between the defined process and the performed process?
- To what extent?
- How do you know?

Here's a not-so-subtle clue: If your organization has named its processes after the CMMI process areas, then the fidelity between the as-defined and the as-performed processes is zero ... zip ... nada!

ARE YOUR PROCESSES INTEGRATED BASED ON THE WORK THAT IS PERFORMED?

- Co-located is not integrated.
- Do your processes look like this?
- Are there life cycles that tie the processes into a cohesive system?
- Did you do a DSM on your defined processes?

DO YOU EVEN HAVE A CAPABILITY FOR IMPROVING CAPABILITY?

Prior to starting process definition work, what were your organization's capabilities in:

- Process and process asset design and definition?
- Standard work environment and process authoring tools?
- Work product reviews (or peer reviews)?
- Stakeholder involvement planning and management?
- Meeting management?
- Receptiveness to ideas that aren't your own?

DOES YOUR ORGANIZATION HAVE A CULTURE FOR IMPROVEMENT?

Prior to initiating improvement, did you determine if your organization has a culture for improvement in these dimensions:

- Leadership
- Goal setting
- Work prioritization
- Decision making
- Applied learning
- Communication
- Accountability
- Discipline
- Professional respect