

CMMI® Implementation Strategies for Success Panel

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Discussion Topics

- Strategies for Success
- How to implement good, effective measures to determine what CMMI specifically does for your organization
- Benefits of CMMI

Steps to Success Using CMMI

Understand Your Organizational Objectives

- Just to get organized?
- Get an External Rating?
- Reduce Costs?
- Improve Quality?
- Delight Customers?

Ensure top-down buy for Objectives & Strategies to achieve

- “CMMI” objectives should not be standalone

Leverage Industry Experience

- Reasonable expectations for velocity of change
- Benchmark cost, schedule, tactical plans

Establish Measures for Success

- Meaningful to the organization
- Consider items that measure achievement over time
- Get specific

Measures of CMMI Effectiveness

For Organizations just starting out...

- % of target employee group that knows where to find processes and how to suggest changes (survey)
- Count of “escapes” attributable to poor or unknown process instruction
- Specific process area metrics

For More Mature Organizations ...

- Measures of execution improvement (overall or targeted improvement initiatives)
 - Cycle time
 - Quality
 - Technical performance
 - customer satisfaction
- Extent of process improvement involvement from the organization (# suggested, % implemented, analysis of origin)

Benefits of CMMI

Provides a neutral framework for best practices

- No need to invent/maintain your own standard
- Common language across diverse business & customer base
- Accommodates organizational unique criteria

Allows alignment of diverse improvement methods

- Focuses all efforts to support organizational objectives
- Guides integration and prioritization of improvements

Biggest benefit is organizational process areas

- Infrastructure basics enable re-organization agility
- Again – links process management & improvement to organizational objectives