CMMI® Implementation Strategies for Success Panel

16 Nov 2010
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