# **CMMI Implementation Strategies for Success**

Stephen M. Austin

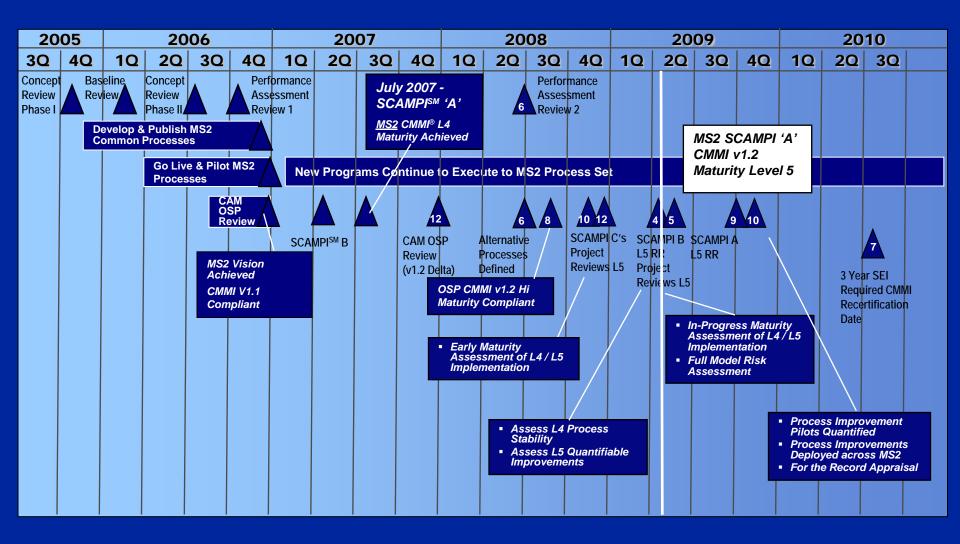




Geographically Dispersed - 13,000 Employees in 6 Primary Locations

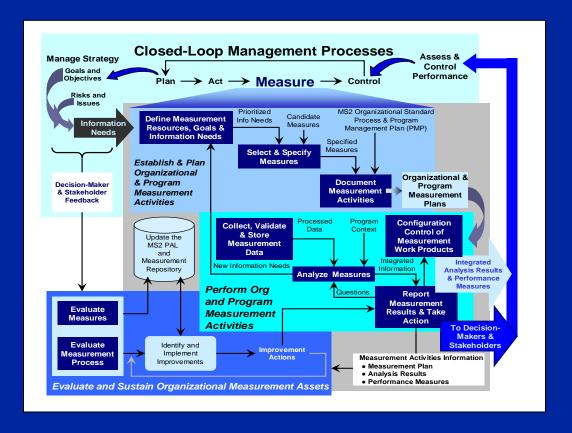
#### MS2 Path to CMMI Level 5

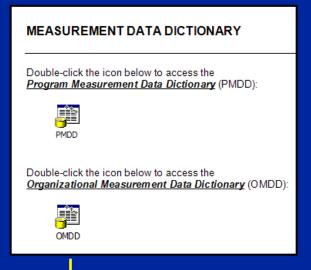




## MS2 Measurement Program Core Components









**Plans** 





Common Measures



**Training** 

Tools & Infrastructure

Business & Program Decision Making

### **Goal Flowdown Drives Information Needs Across the Enterprise**



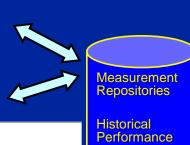
Model &

Alternate Peer Review Model N/A

Models

[COCOMO &





Lockheed Martin MS2 Program Measurement Plan

SPI – Red Threshold SPI – Yellow

(Software

Compliance Variances (Cost)

Discrete Goals Allocated to Lines of Business (LoBs), **Functions & Programs** 

Lockheed Martin MS2 Program Measurement Plan Template

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	Perform within schedule	Later Debri Desire	495-145	3/1
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	Complete critical commitments are nine	Orical Part Performance	240%	34

### Final Thoughts...



- Once you make the Decision to Pursue an Appraisal Run it Like a Program
- Centralize Activities that Need to be Common
  - Measurement Infrastructure Supports both the Organization and Programs
  - Robust Organizational Measurement Repository
  - Establish set of PPBs and PPMs to meet Business Needs
  - PPMs satisfy intent of "Healthy Characteristics"
  - Continue to refine / evolve PPBs
- Leverage existing efforts as much as possible:
  - Programs leverage Black Belts for statistical thinking
  - Existing Operating Excellence efforts synergistic w/ Level 5