

Acquisition and the CMMISM - An Update

A Presentation to the 4th Annual CMMI Technology Conference and User Group November 17, 2004

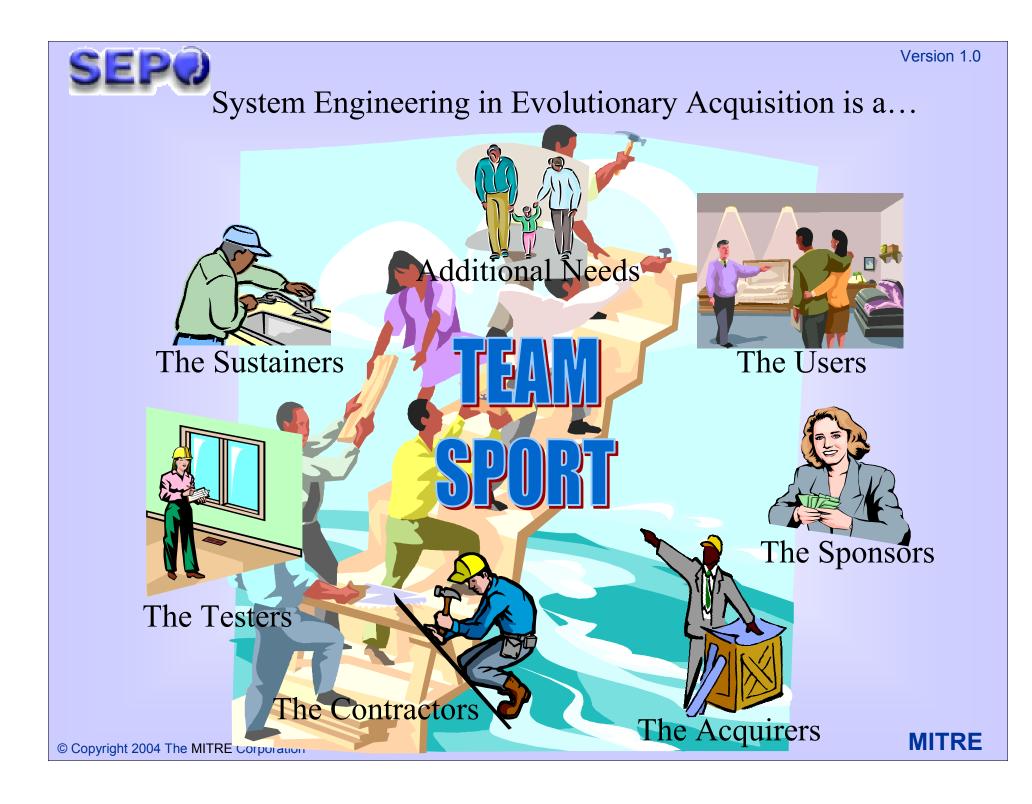
Track 6 - CMMI Extensions

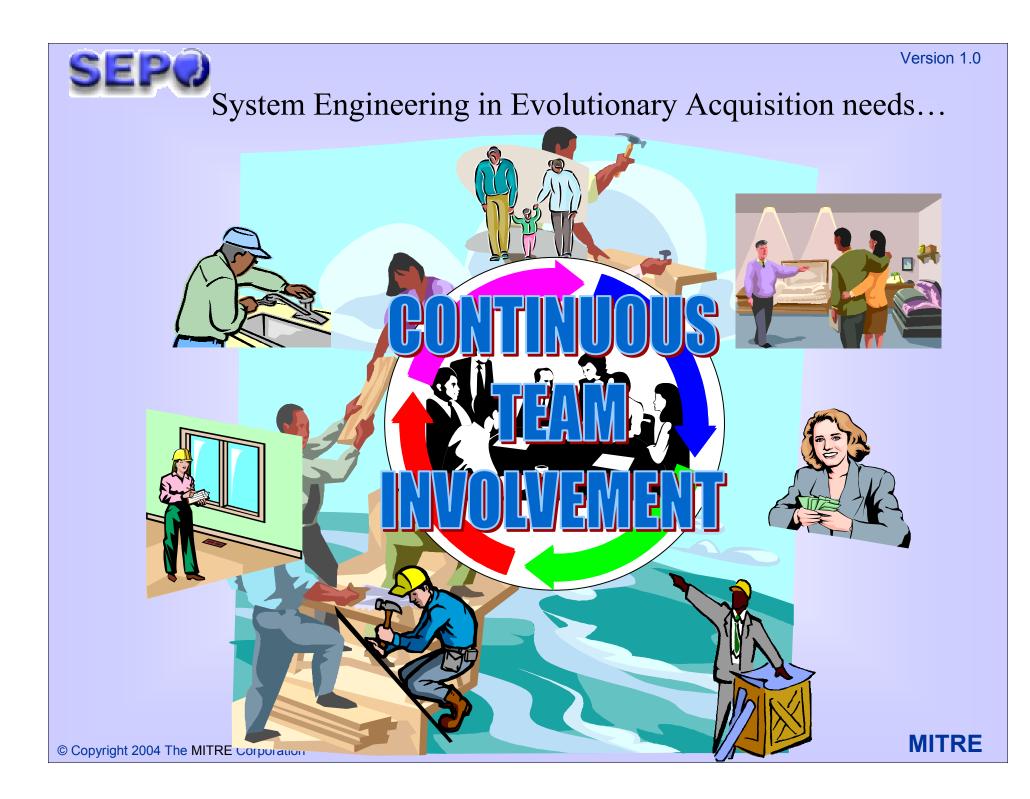
Mike Bloom mjbloom@MITRE.org

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Why are the contractors ...



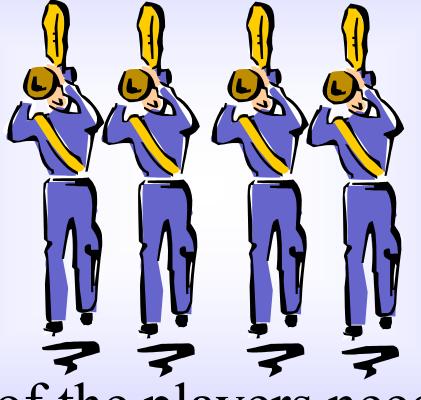
the only team member required to have System Engineering processes?

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This is a familiar industry tune...



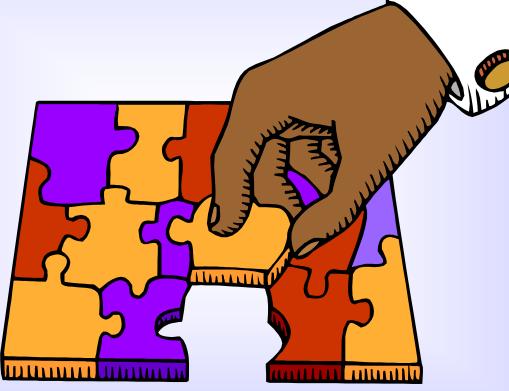
The rest of the players need system engineering processes too...

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And an integrated set of processes for the team ...



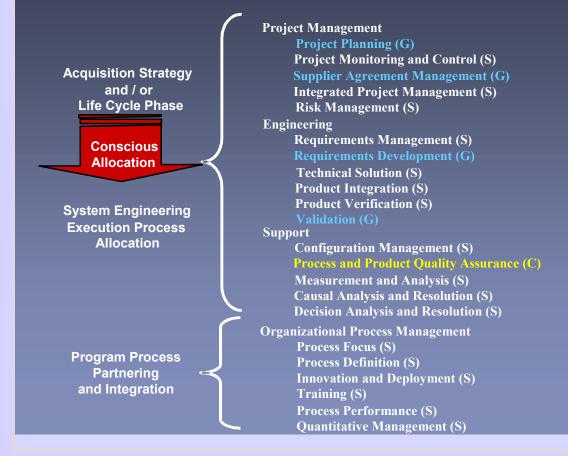
Would be even better



Version 1.0

At the first CMMI Conference in 2001...

Allocation of Process Responsibility





Government (G) [User, SPO, Test]





Shared (S)

I recommended a process sharing concept for CMMI

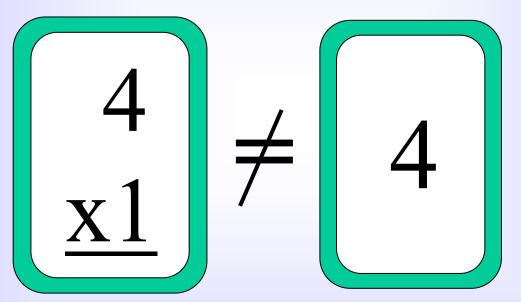
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At the second CMMI Conference in 2002...

Jack Ferguson and M. Lynn Penn showed us their new math*



Case 4 - Mature Developer and Immature Acquirer

*New CMM Math Jack Ferguson – SEI and M. Lynn Penn - Lockheed Martin M&DS

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CMMI Conference 14 November, 2002





In March 2003, DoD Issued a memo stating...

"Section 804 of the Bob Stump National Defense Authorization Act for Fiscal Year 2003 requires the establishment of software acquisition process improvement programs by Military Departments and those Defense Acquisition Agencies that manage Major Defense Acquisition Programs (MDAPs) with a substantial software component..."





In February 2004, The CMMI-AM is published...

0.7	Software Engineering Institute Preva /Attense
	CMMI [®] Module for Acquisition
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Over this period of time...

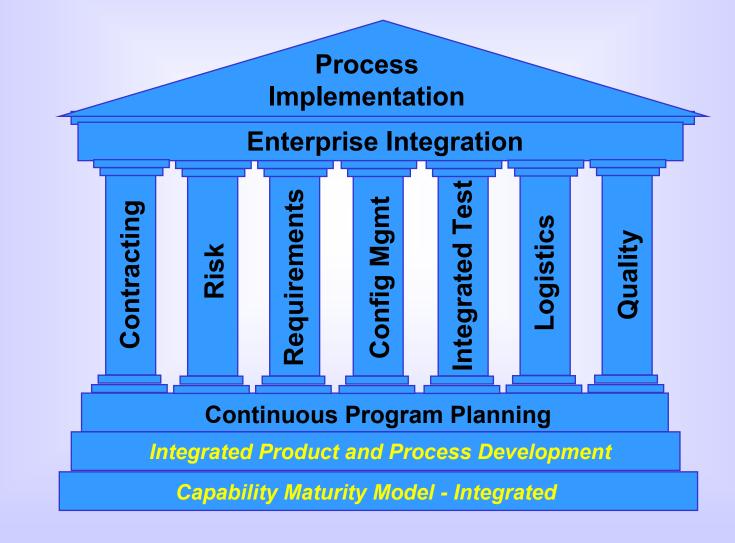


We have matured our System Engineering process approach for the Air Force Electronics Systems Center





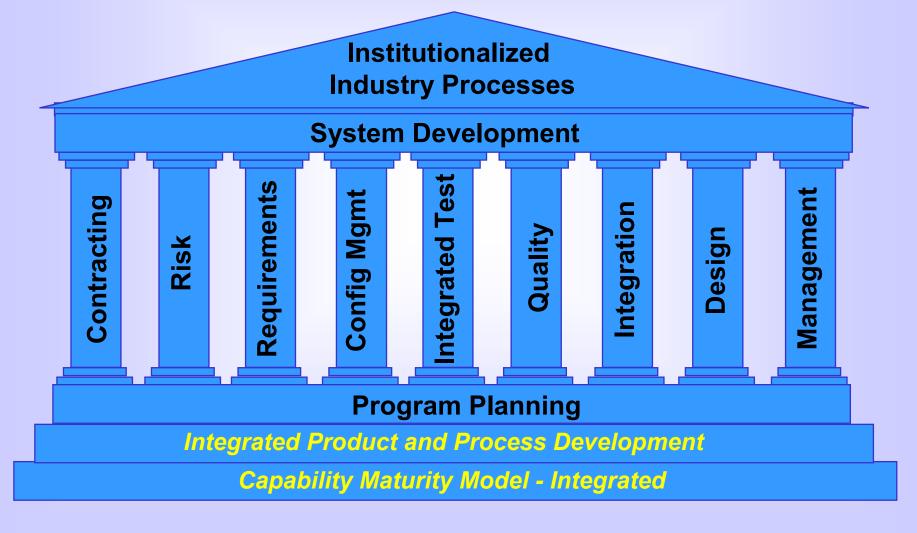
We are building a set of Government System Engineering Core processes based on the CMMI







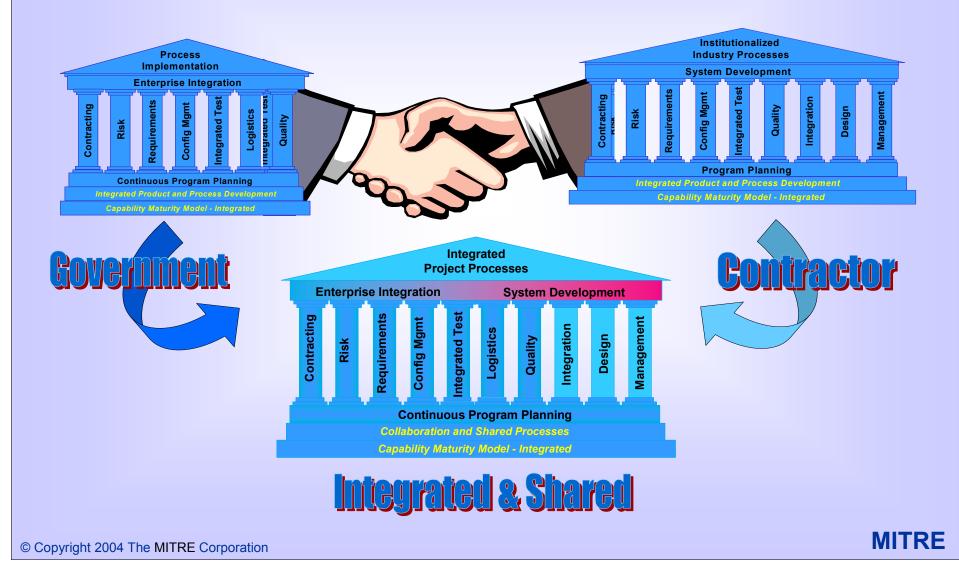
We expect our contractors to have mature System Engineering processes based on the CMMI





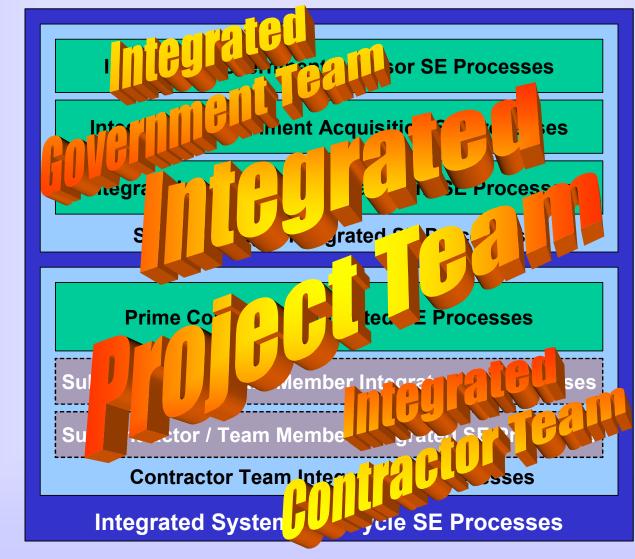


Post award we expect an integration of System Engineering processes based on the CMMI and IPPD





Over the System Life Cycle We Should Assess the Process Maturity of the Project Team



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