

The CMMI[™] Framework and the Enterprise Adapting or Extending

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

Track 6 – CMMI Extensions

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"Approved for Public Release; Distribution Unlimited 04-1172"

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Agenda

- Approach
- Process Structure
- Implementation
- Plans For The Future.



Everything should be made as simple as possible, but not simpler. *Albert Einstein*







Objective

Establish Enterprise Processes That Will Assist in Achieving Acquisition Objectives

Enterprise Objectives

- Reduction in Cycle Time
- Capability to the users as quickly as possible
- Keep Cost Under Control
- Needed System Interoperability

Process Objectives

- Provide a Integrated Process Framework for the Management of Enterprise Systems (e.g. Use of Integrated Architectures for Requirements and Investment Planning)
- Reduce Acquisition Complexity, Span of Control, and Risks
- Life-Cycle Perspective
- Establish Nodes Responsible for Sponsor, Acquisition, Sustainment, and Test Partnership
- Synchronizes Top Down Planning, Budgeting, Direction, Acquisition, Development, Management,
 - Testing, Delivery, Modernization, and Sustainment of System Increments

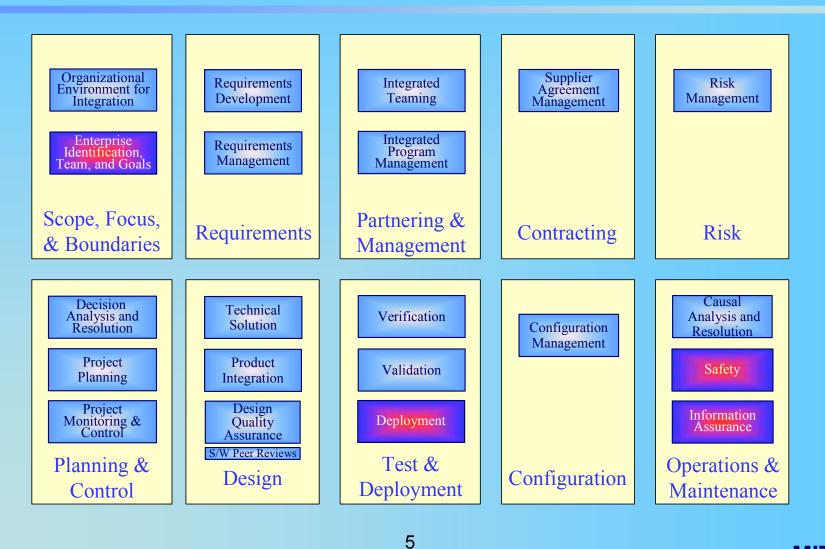








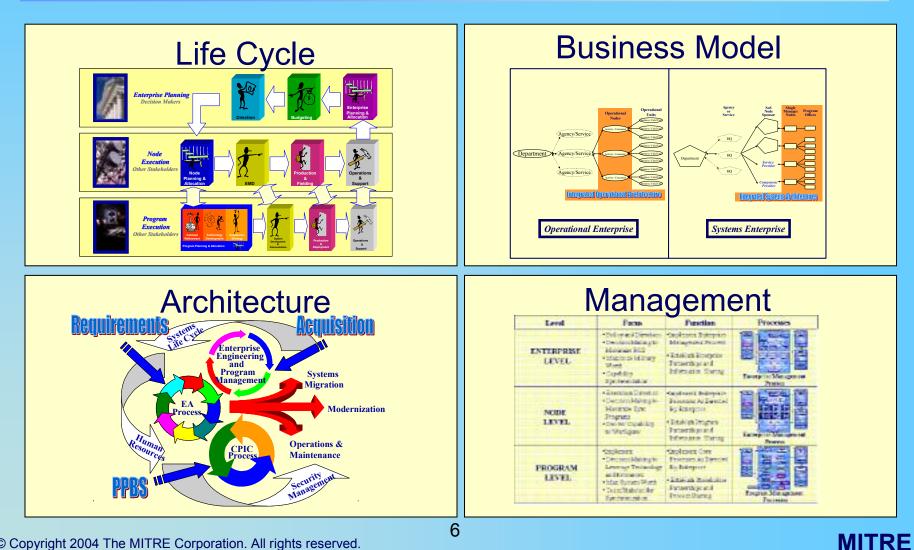
How?







Considerations

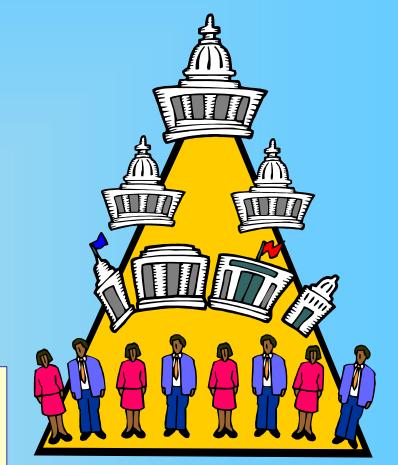




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"I am not discouraged, because every wrong attempt discarded is another step forward. Thomas Alva Edison

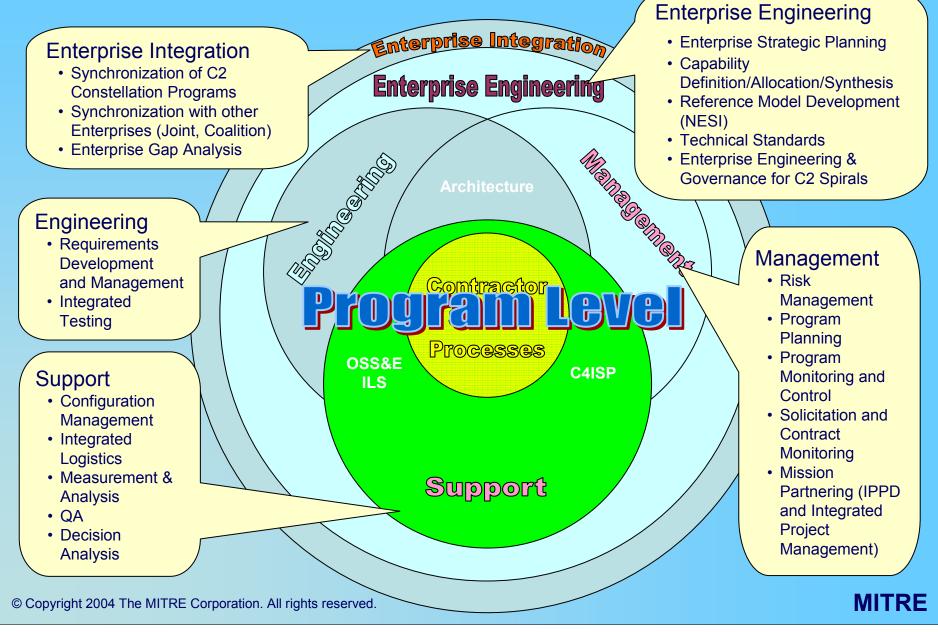


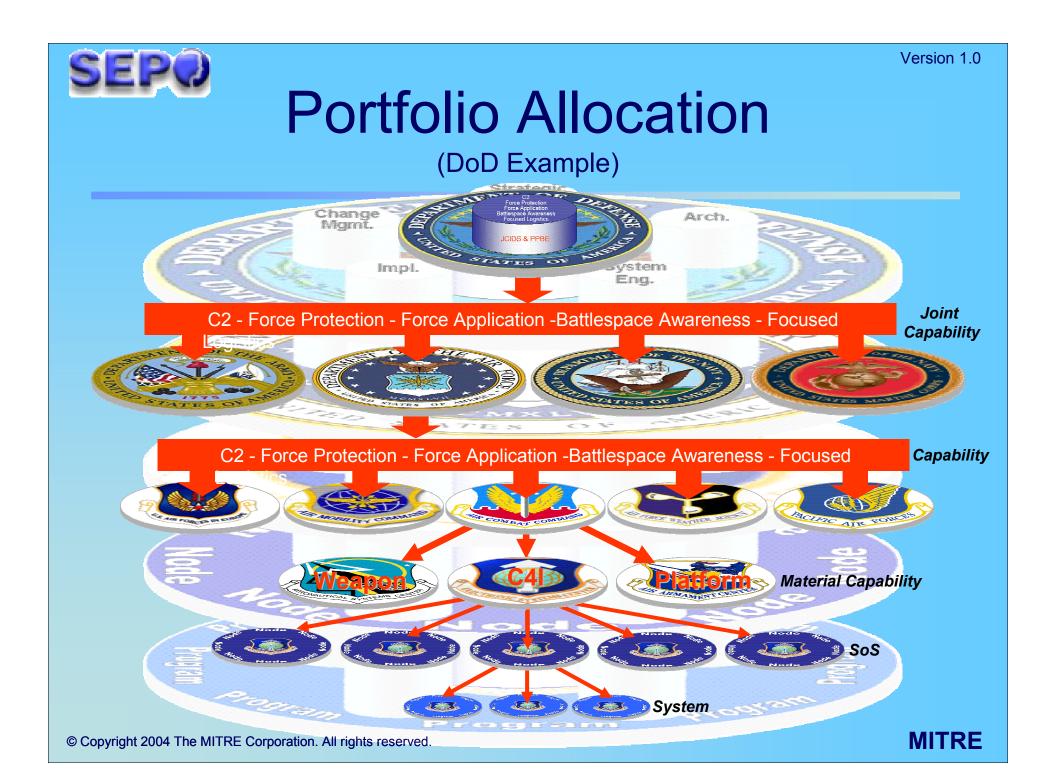


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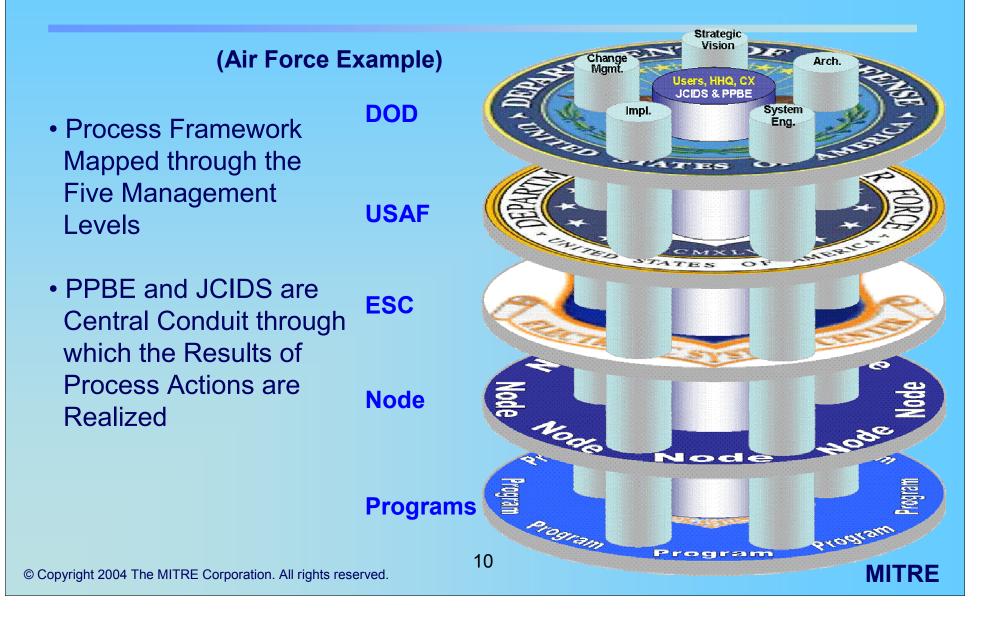
Enterprise to the Program





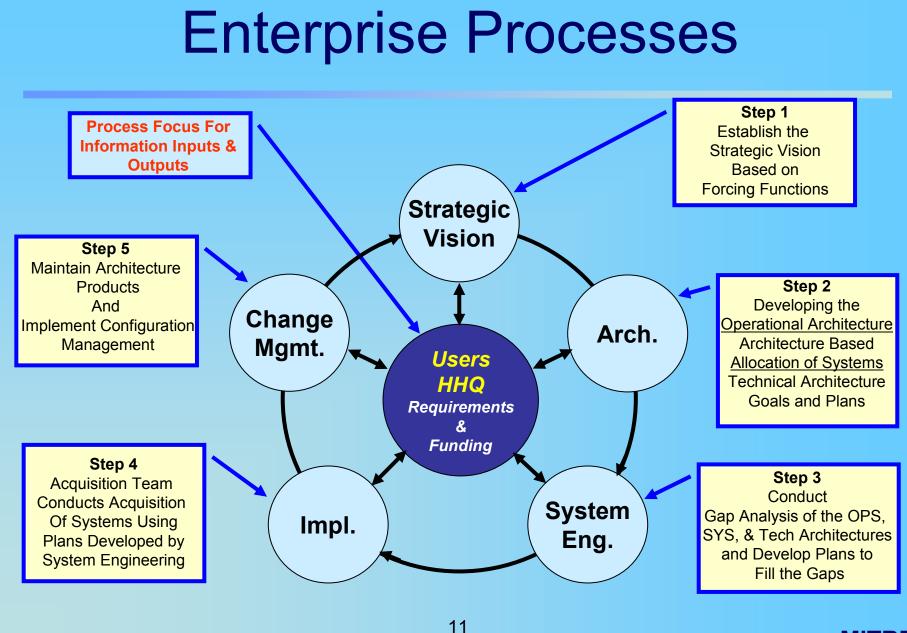


Enterprise Process Levels



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"Individual commitment to a group effort, that is what makes a team work, a company work, a society work, a civilization work."

"Vince" Lombardi





Strategic Vision (Air Force Example)



Net Centric Warfare C2 Task Force CONOPS C2 Constellation CONOPS

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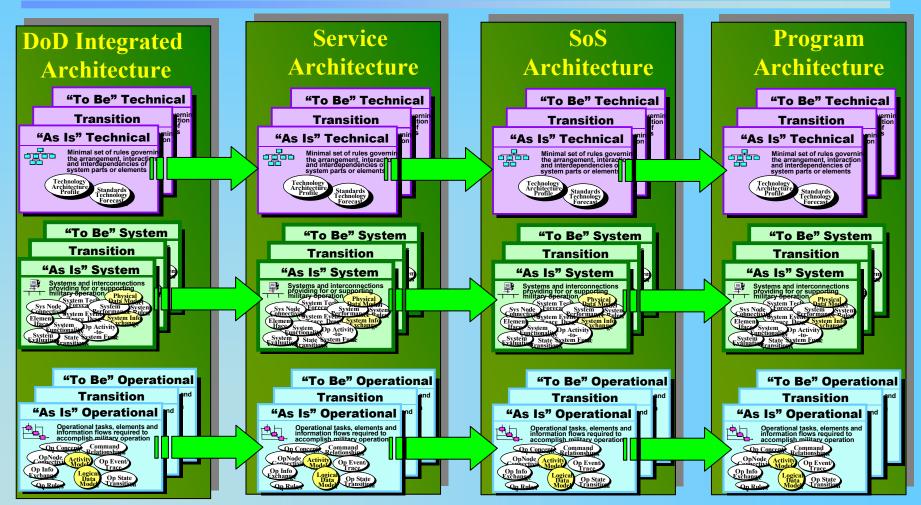


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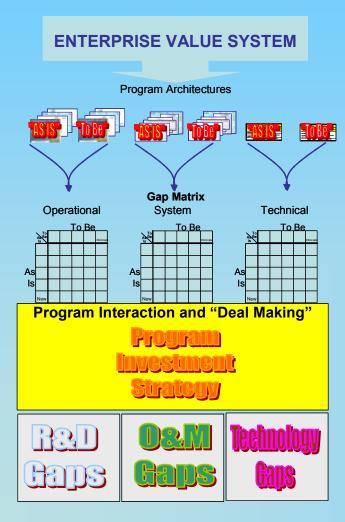


Top Down Architecture Influences

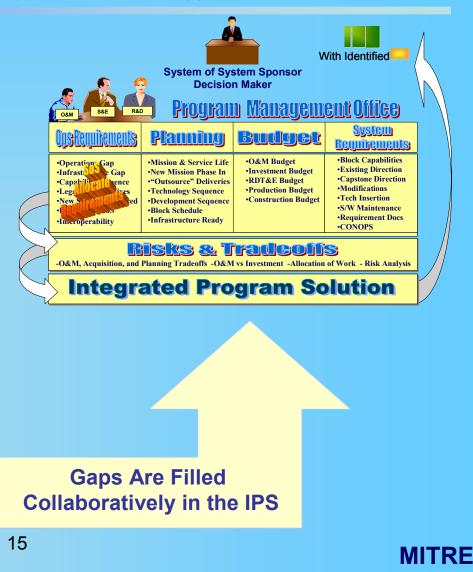




System/Node/Enterprise Engineering (Arch Gap Analysis & Planning)



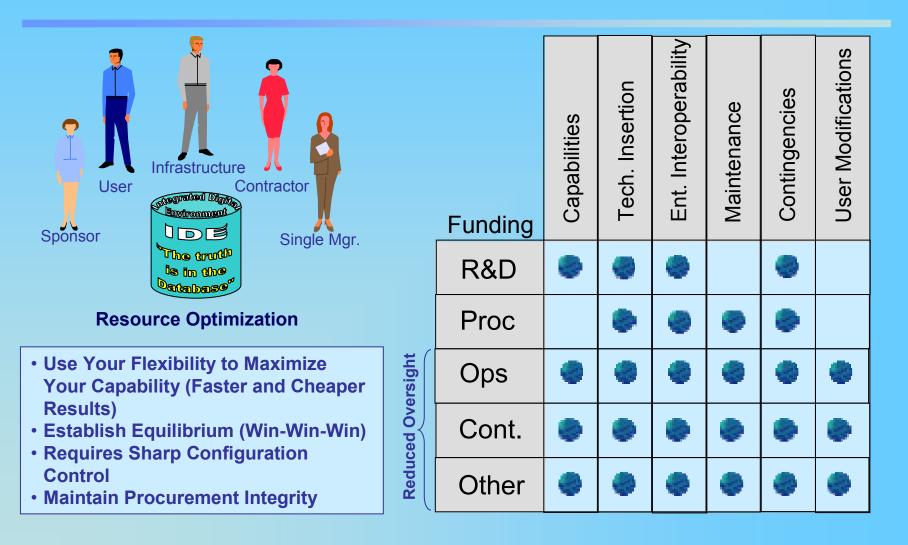
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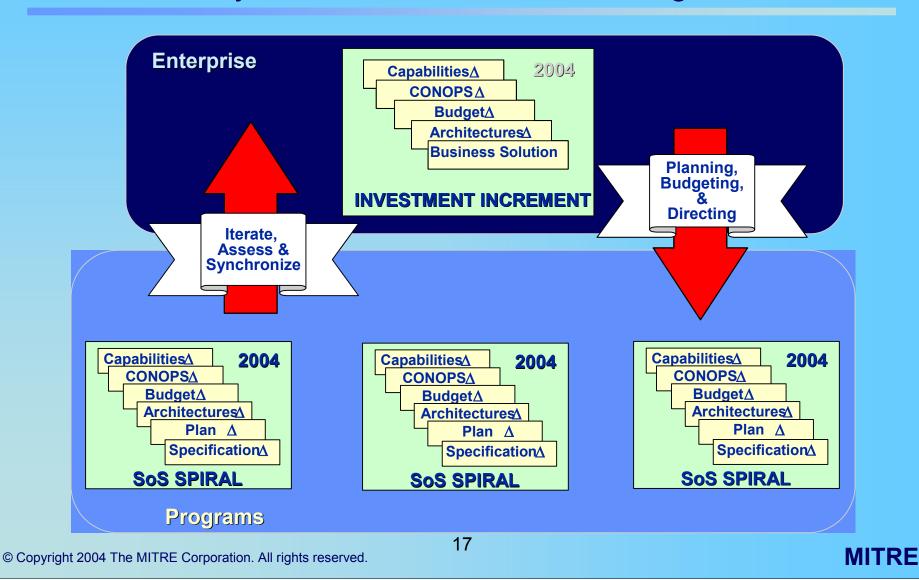
Team Solution Plan







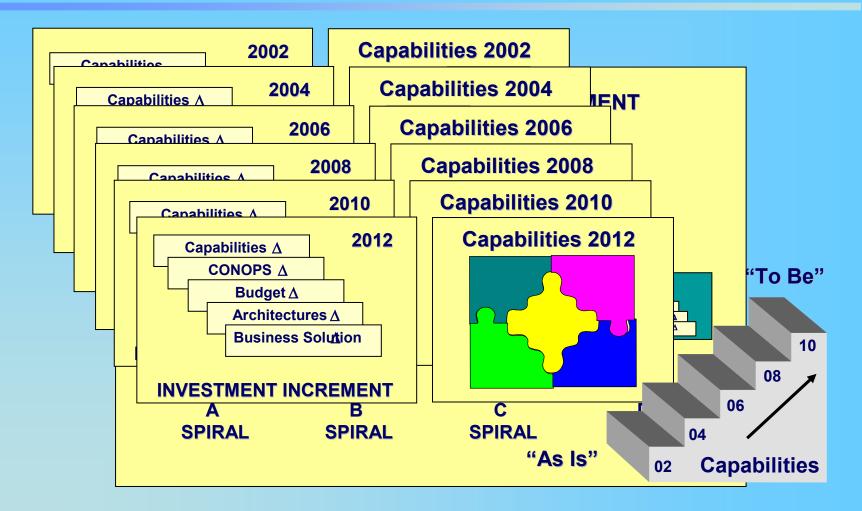
Implementation Synchronized Direction and Budget





Implementation

Enterprise Investment Plan



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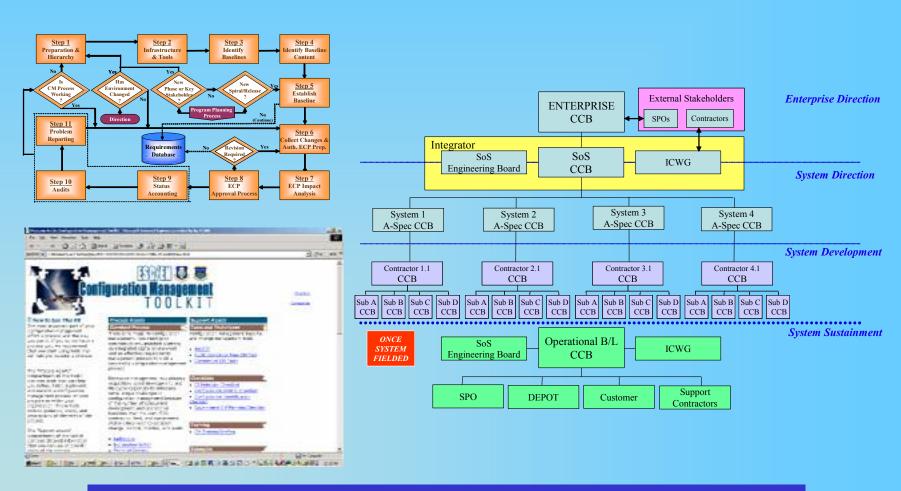
Implementation Processes

Level	Focus	Function	Processes
ENTERPRISE LEVEL	 Policy and Direction Decision Making to Maximize ROI Maximize Military Worth Capability Synchronization 	 Implement Enterprise Management Process Establish Enterprise Partnerships and Information Sharing 	Enterprise Management Process
NODE LEVEL	 Execution Direction Decision Making to Maximize Sync Programs Deliver Capability to Warfighter 	 Implement Enterprise Processes As Directed By Enterprise Establish Program Partnerships and Information Sharing 	Enterprise Management Process
PROGRAM LEVEL	 Implement Decision Making to Leverage Technology and Resources Max System Worth Team/Stakeholder Synchronization 	 Implement Core Processes As Directed By Enterprise Establish Stakeholder Partnerships and Process Sharing 	Program Management Processes





Change Management

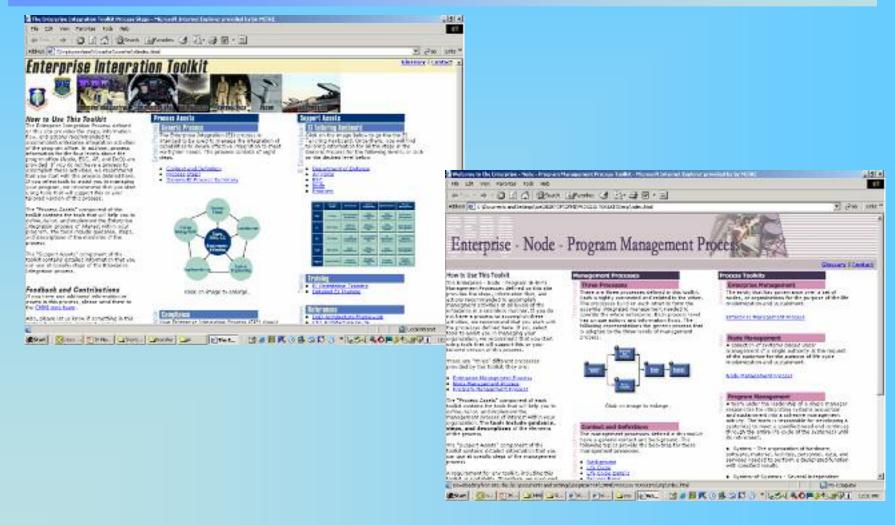


Subject Architecture and Program Direction to Configuration Control





Enterprise Process Toolkits



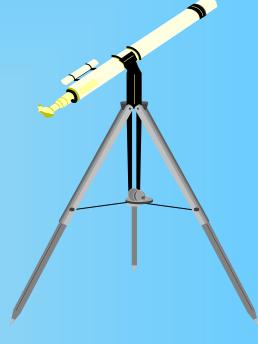




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Plans are only good intentions unless they immediately degenerate into hard work. Peter Drucker





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"Things are only Impossible until they're not."

Jean-Luc Picard, 'Star Trek: The Next Generation'

