

Project Management Institute

Jay Billings

Defense Systems Management Corporation

dsmc.us

15 October 2004

Overview of Project Management

- What is a project?
 - Has
 - Work definition
 - Schedule
 - Resource Requirement
 - Activity is characterized by being
 - Cross organizational and cross functional
 - Complex, costly and risky
 - Unique

Overview of Project Management

- Why do so many projects go from enthusiasm and confidence to chaos and panic?

Project Management Steps

- First, Second, Third and Fourth
 - Determine (1 & 2)
 - Where you want to go and why
 - Where you are
 - What are the desired benefits? (3)
 - Identify the barriers (4)
 - The yeah...buts

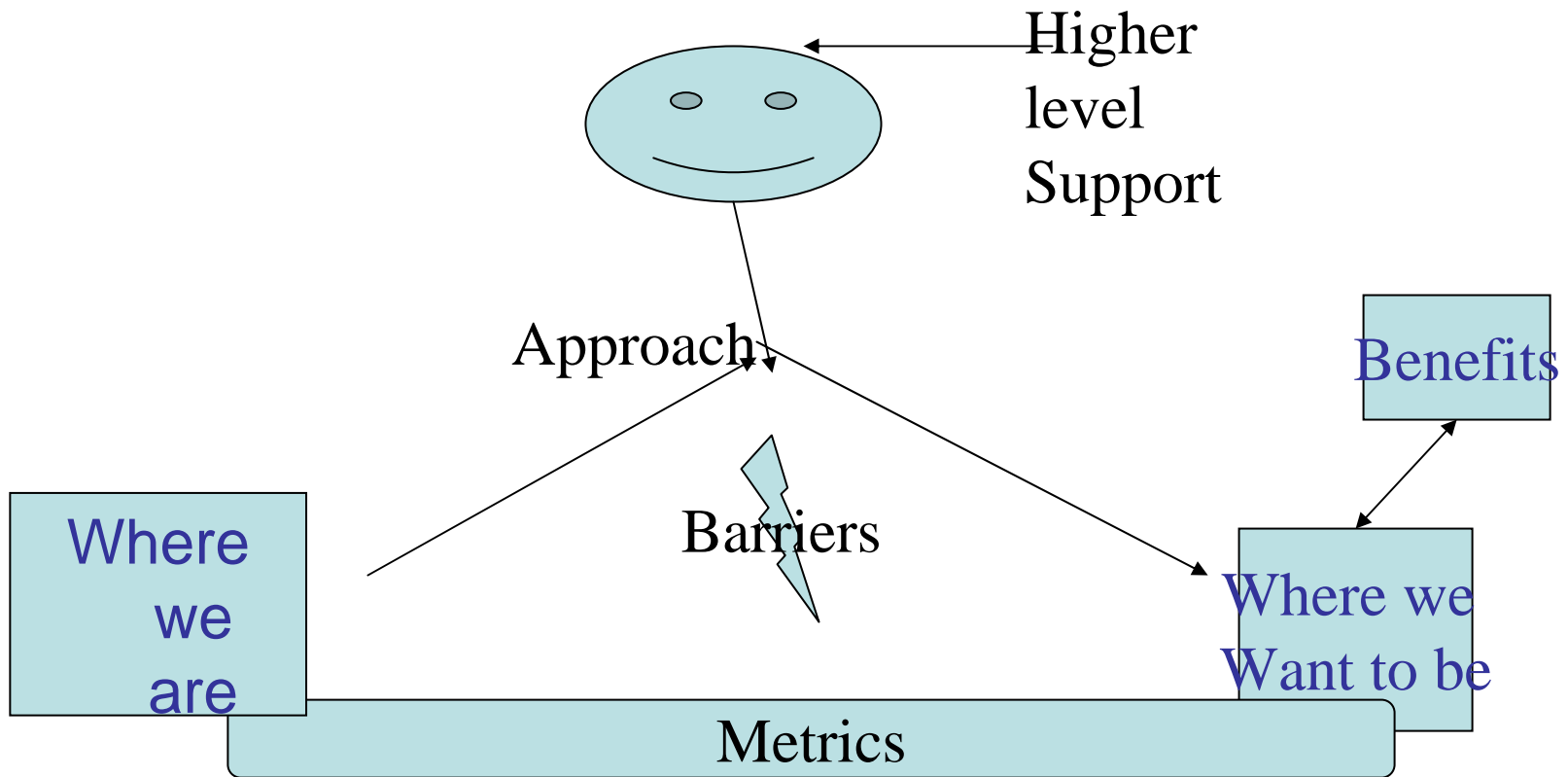
Project Management Steps

- Fifth
 - Identify viable solutions that
 - Start at right place
 - End at right place
 - Avoid the constraints
 - Identify higher level support
 - Sponsors, bill payers, customers, values
 - How will you manage these?

Project Management Steps

- Sixth
 - Select metrics to measure progress, results and outcomes
 - Performance Measurement
 - Cost Schedule Resources
 - Impact Evaluation
 - The net effect = what happened-what if you had not done the project
 - Outcome Evaluation
 - Project effectiveness and results

Project Analysis



Keys to Successful Project Management

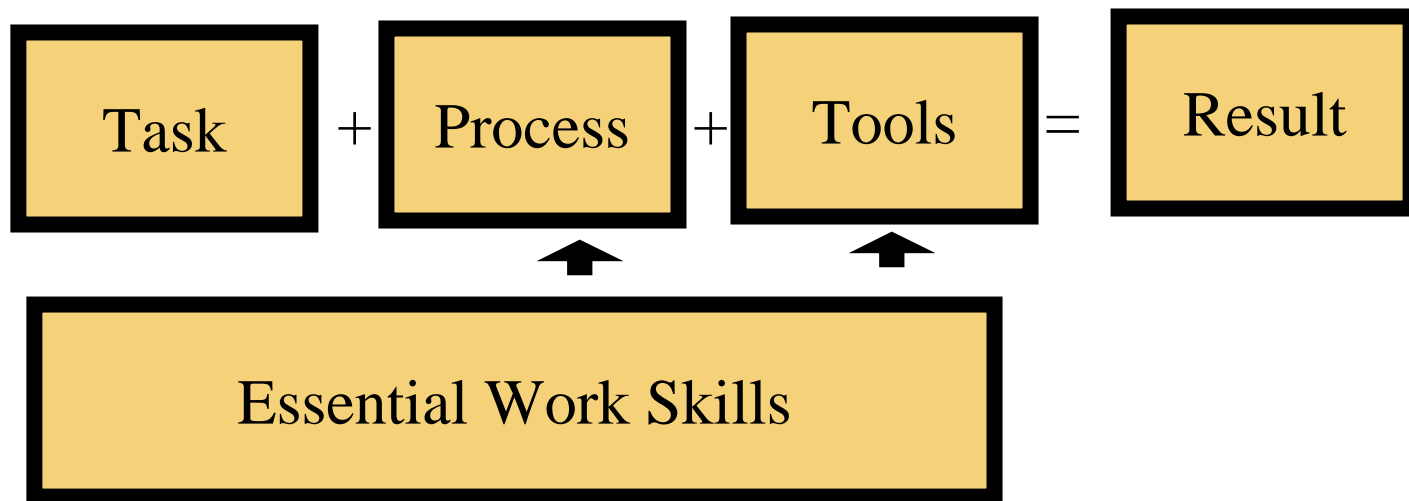
- I-***Include*** team members, customers and stakeholders.
- O- Be ***Open*** to their input—trust them to be part of the team.
- C- Share ***Control***--successful project management happens when the team, customers and stakeholders help.

In developing the approach

- In approach development
 - Start with the desired results then work back
 - Use the future past perfect
 - “By __ (date) __ this is how we will have had accomplished __ objective __.”
 - This process produces a feasible plan that can be used as a draft to get started
- **Task + Processes + Tools = Results**

Project Management Plan

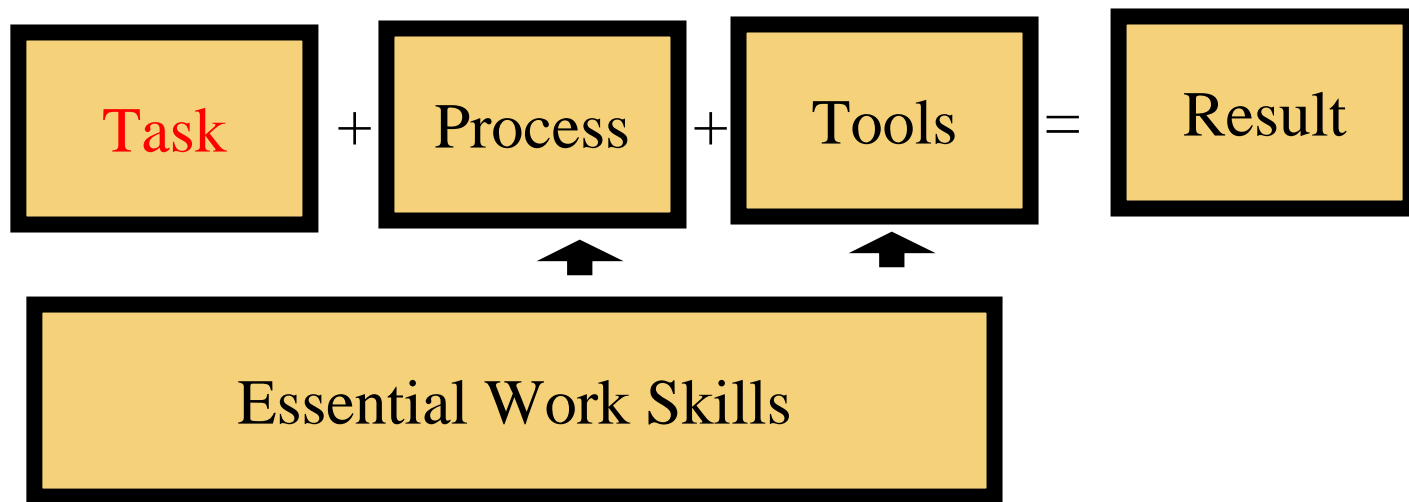
- Elements of the Plan



Project Management Plan

- Elements of the Plan

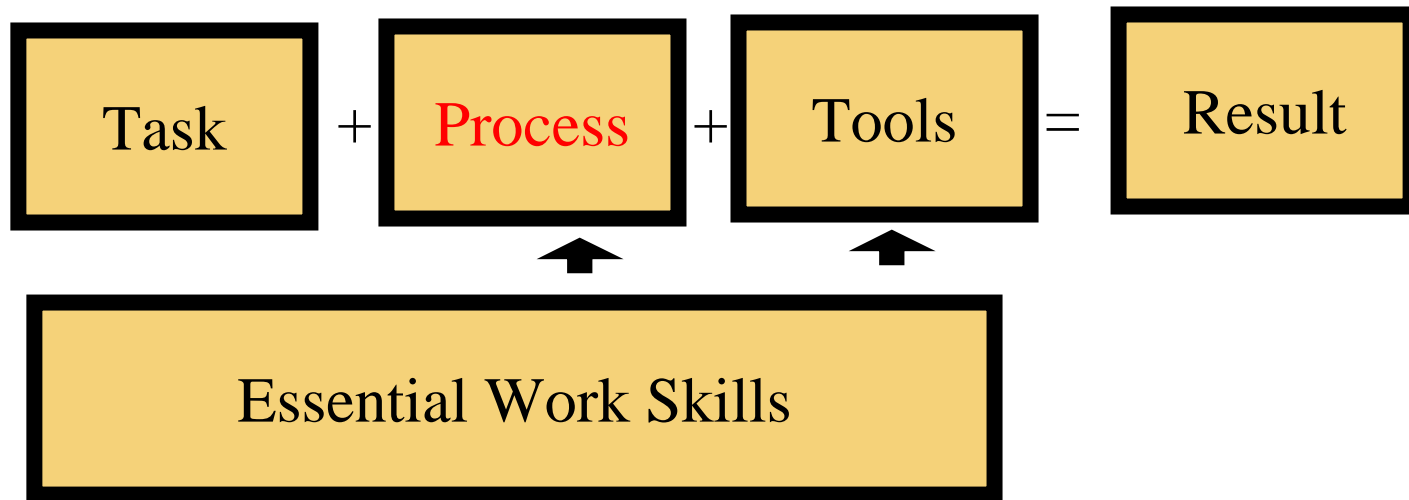
From Requirement + (You add these)



Task== Listing of all deliverables, functions and continuing efforts

Project Management Plan

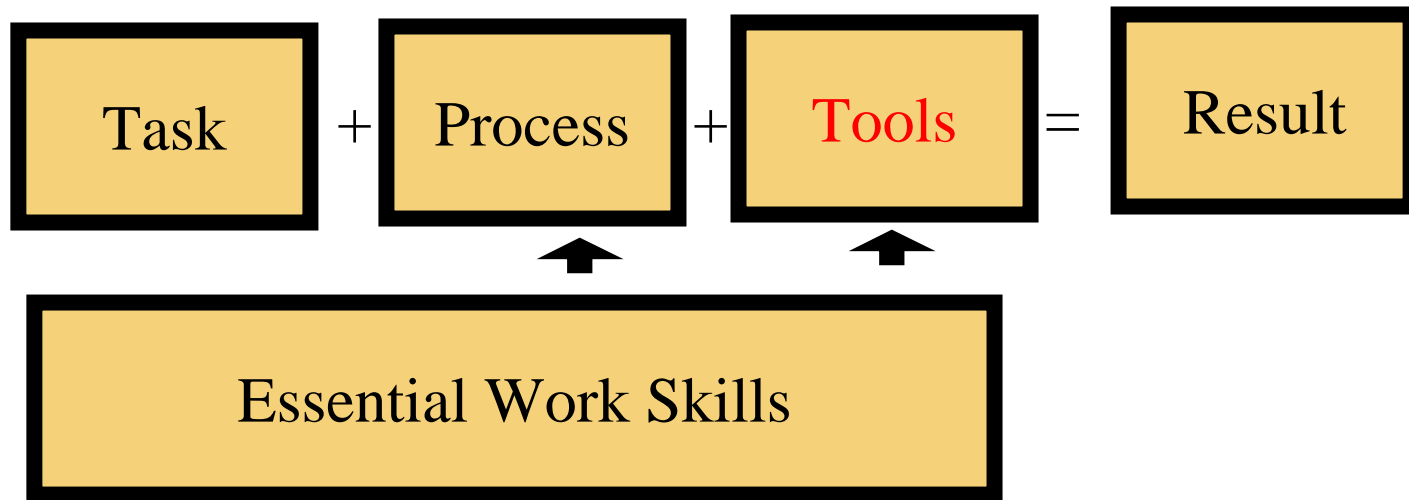
- Elements of the plan



Process= A controlled series of steps that accomplishes the task

Project Management Plan

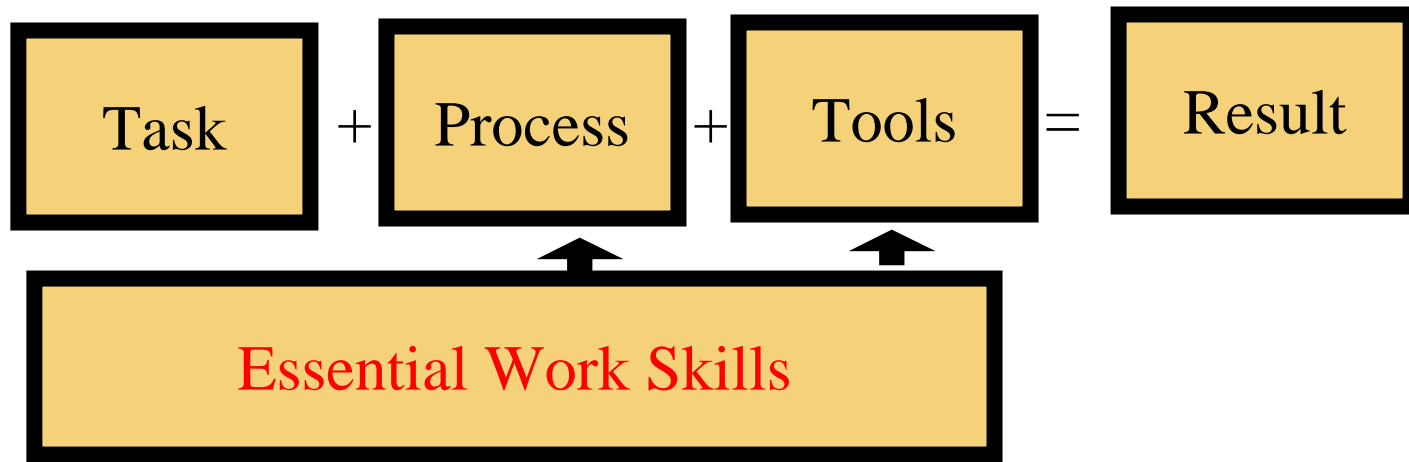
- Elements of the plan



Tools= External aids to reduce process time or
labor in process performance

Project Management Plan

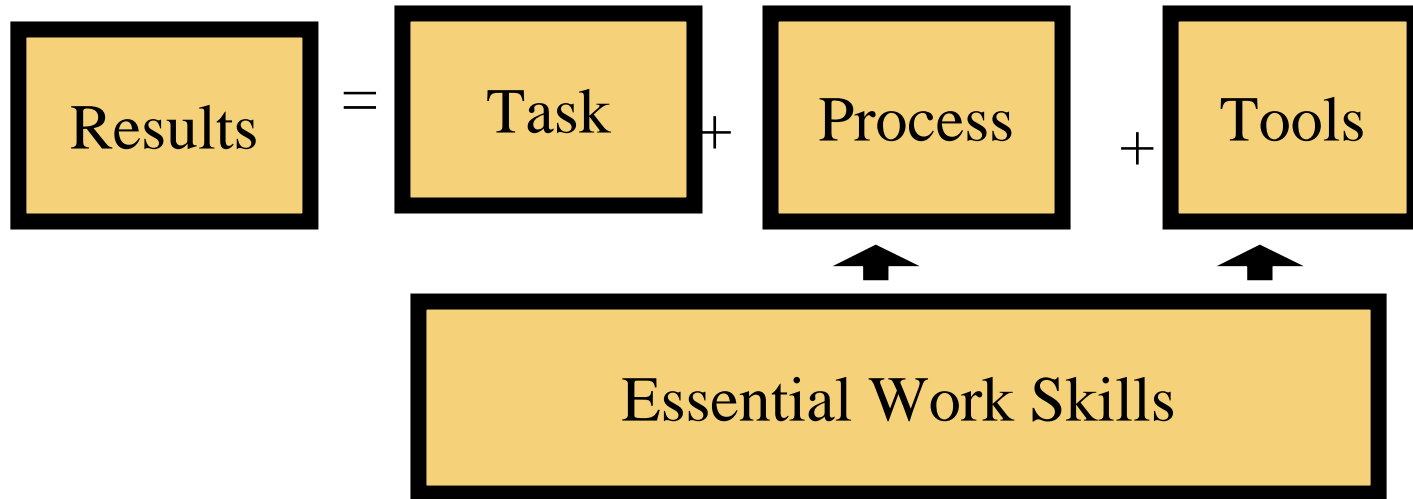
- Elements of the plan



Essential Work Skills==Team skills, education , training, influencing, understanding, positive conflict resolution, listening and communicating (I + O + C)

Project Management Plan

- Elements of the quality plan



Quality results happen because you manage the task planning, select the correct processes and tools, and you have the needed essential work skills