



Doing More with Less

Precision Strike Association
PEO Summer Forum

08-July-2004

The Objective

***Providing
the Fighting
Edge to Our
Forces***



***Weapon Systems
That Are:***

Safe

Reliable

Responsive

Effective

Affordable

***Providing the “Edge” Requires More than Just
Integrating Different Technologies Together***

Safety

- Manufacturing
- Handling, transportation and storage
- Training
- Safety footprints
- Safe and arm
- Insensitive munitions
- De-Mil and disposal

***The Weapon System Cannot Compromise
Personnel Safety***

Reliable

- Wooden round (MTBF, MTTR, etc.)
 - Reducing complexity, the number of components and the number of moving parts
- Designed to work in the operational environments
 - Environmental, physical, E³, etc.
 - Transportation, handling, storage
 - Loading, launch, in-flight, etc.
- Designed to be affordably produced
 - Sufficient margins to accommodate material, fabrication, assembly and testing tolerances

Always Available and Works Every Time

Responsive

- Available in the numbers required
- Easy and quick to deploy and use
- No time of day or weather constraints
- Shortest possible time-of-flight

Time is Critical to Our Forces

Effective

- Stand-off to increase survivability
- Accurate delivery for increased effectiveness and reduced collateral damage
- Immune to countermeasures
- Lethal

***Precisely Delivering the Desired Impact
from Outside Harms Way***

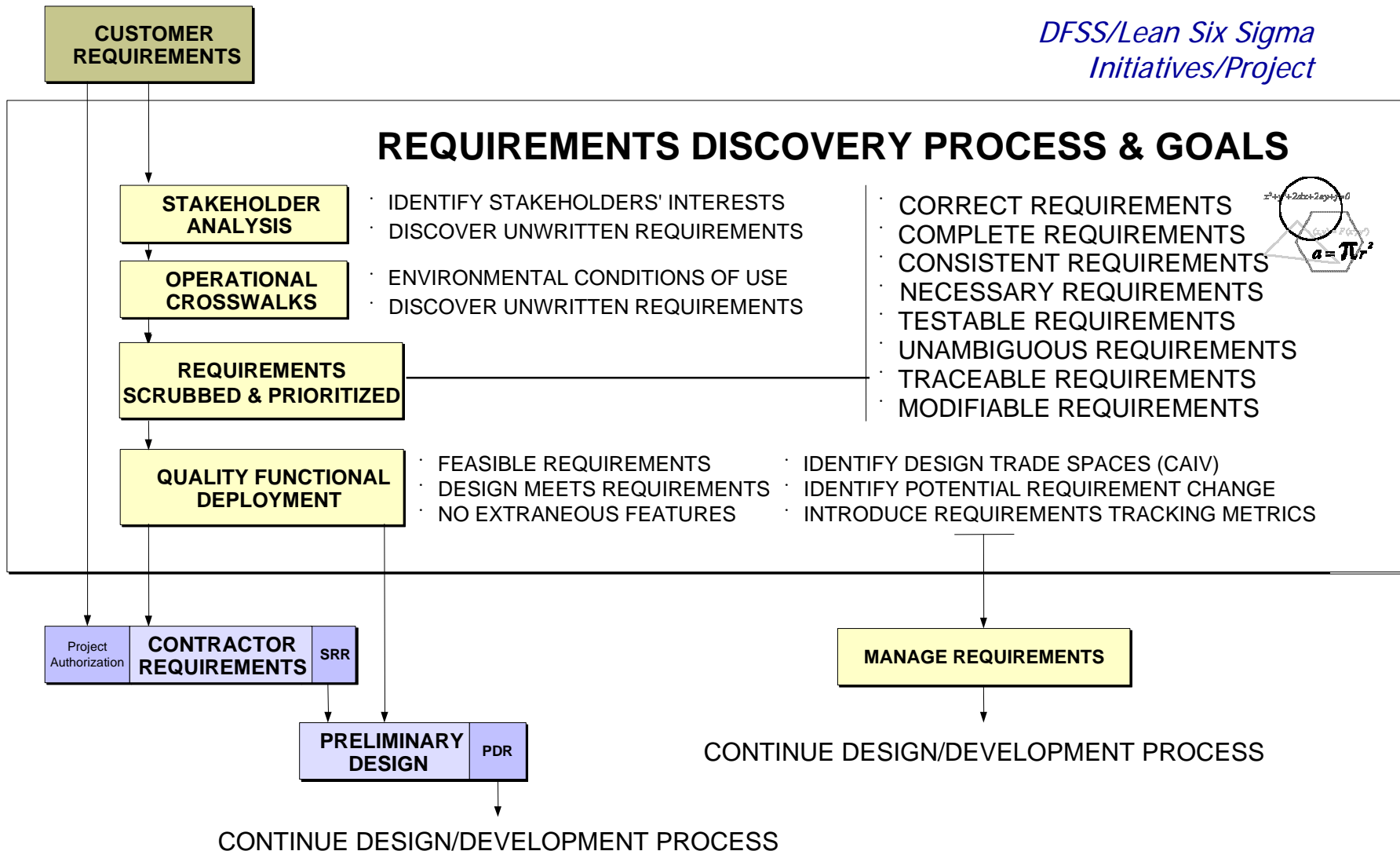
Affordable

- Matching technical maturity, time and risk to deliver the capability within the available funding
- Designed to be affordably produced
 - Sufficient margins to accommodate material, fabrication, assembly and testing tolerances
- Attacking unit production cost drivers
 - Reducing the number of parts
 - Using less expensive parts
 - Reducing the number of manufacturing steps and processes
 - Using less expensive manufacturing processes

Reducing Total Ownership Cost Starts at the Beginning of the Program

Disciplined Processes

*DFSS/Lean Six Sigma
Initiatives/Project*



Summary

- True partnering with the customer is essential for a mutual understanding of the requirements, capabilities, constraints, tradeoffs and risks
- Optimizing the trade space balancing cost with performance, reliability and the concept of operations is critical to success
- Using disciplined and proven process from start to finish is another key to delivering the fighting edge to our forces

