



Balancing Resources - Unity of Effort Between Maintenance and Supply Operations

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For Want of a Nail

For want of a nail the shoe was lost.

For want of a shoe the horse was lost.

For want of a horse the rider was lost.

For want of a rider the battle was lost.

For want of a battle the kingdom was lost.

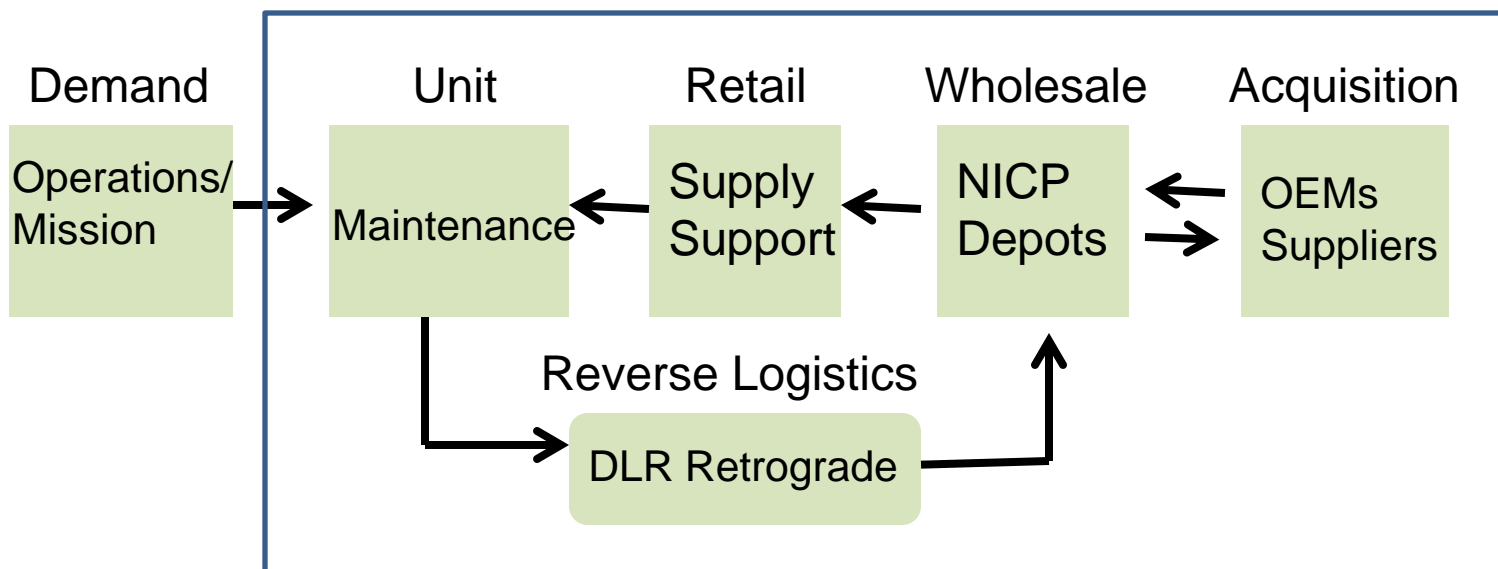
And all for the want of a nail.



Unity of Maintenance and Supply

- Purpose of Maintenance is to *Generate Combat Power*
- Purpose of Supply is to *Support Maintenance*
- Together, Maintenance and Supply *Ensures Readiness*

$$\text{Readiness (Ao)} = \frac{\text{Mean Time Between Failure}}{\text{MTBF} + \text{MLDT} + \text{MTTR}}$$



Parlier, *Transforming U.S. Army Supply Chains*



Best Practices

- Business Process Management
 - Holistic View of Processes/End to End Scenarios
 - Continuous Process Improvement
- Enterprise-wide Processes
 - Technology/Data
 - Standards/Policy
 - Relationship Management (Supplier and Customer)
- Linkage to Readiness
 - Demand Forecasting with Supply Planning
 - Reliability Centered Maintenance
 - Condition Based Maintenance



Challenges

- Culture
- Arrogance of Status Quo



WAY AHEAD



\$ Stagnant / Declining Defense Spending



Regenerating Combat Power While Being Efficient and Preparing for the Future