



Agile Transportation for the 21st Century (AT21)



UNCLASSIFIED



Focus

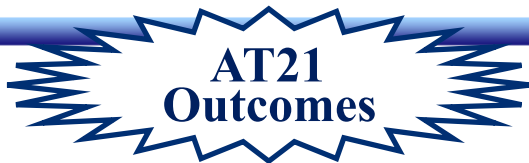
- What AT21 does operationally
- How we're delivering AT21
 - BPM
 - Optimization
 - Corporate Services Vision
 - RDT&E Efforts
- Where we are programmatically



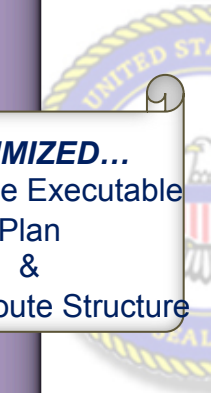
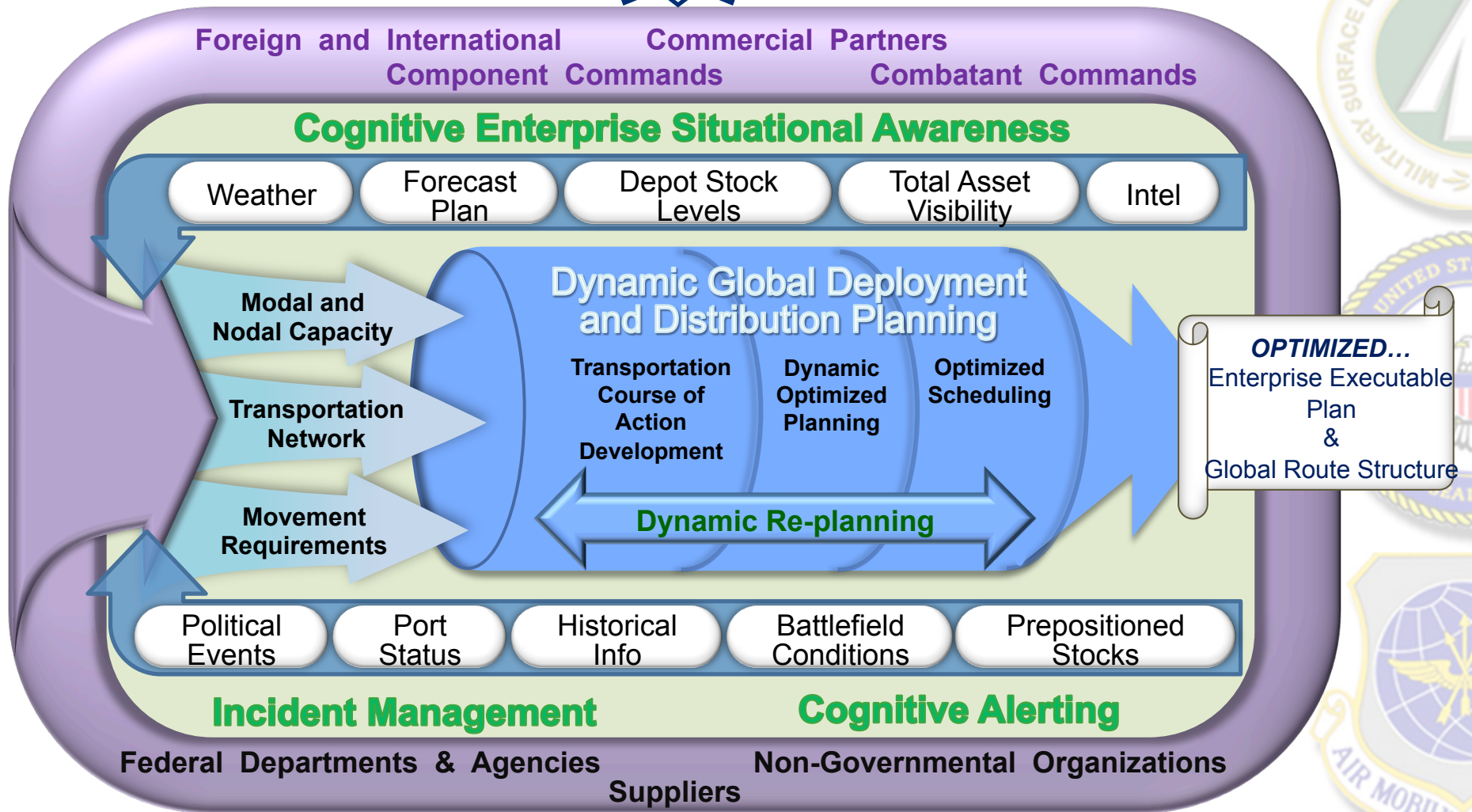


AT21 Operational Concept

Optimized end-to-end delivery of forces



Optimized end-to-end delivery of sustainment



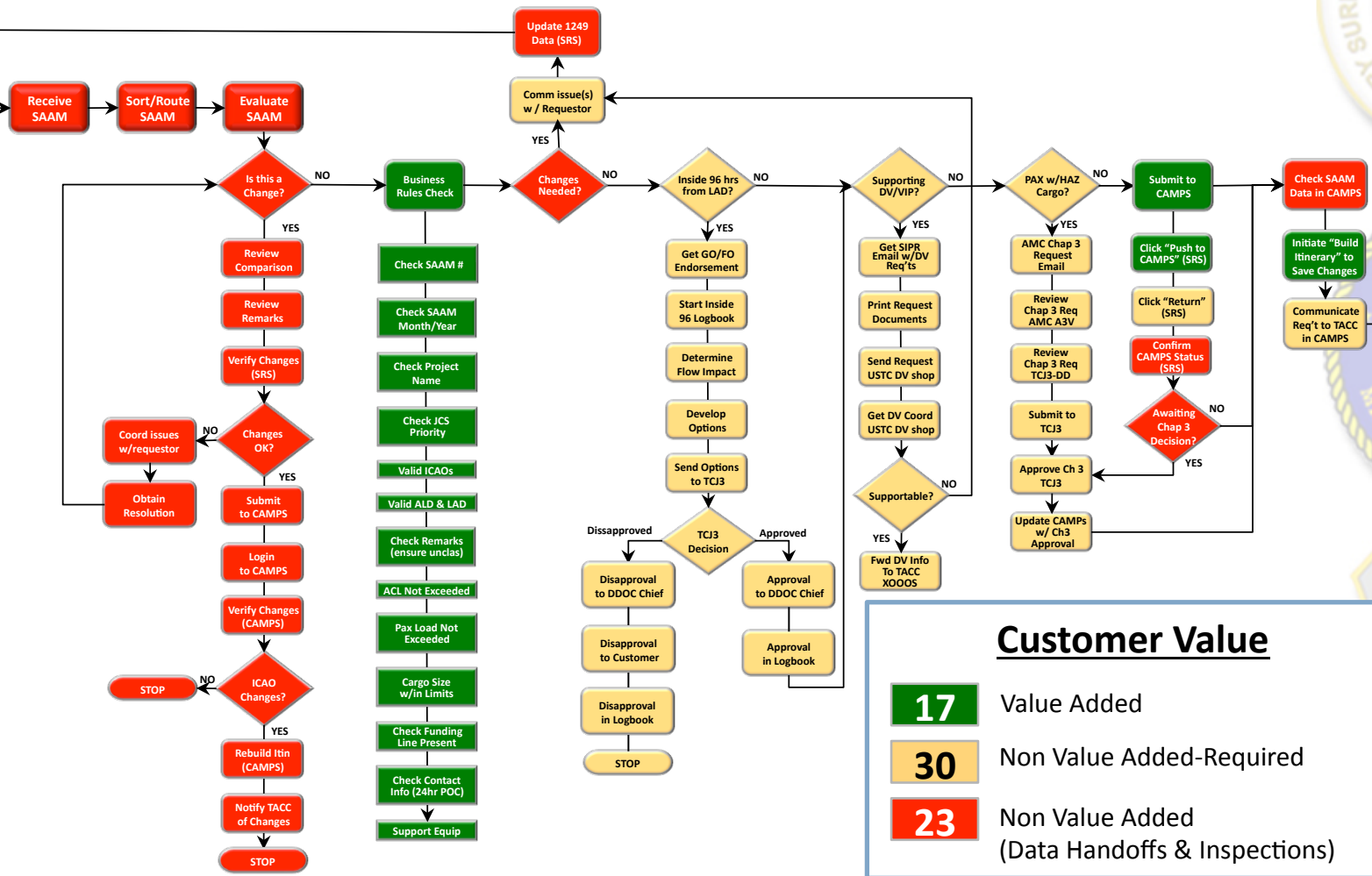


AT21 Process Improvement Results: Special Assignment Airlift Mission (SAAM)

Old Special Assignment Airlift Mission (SAAM) Validation Process

Requestors & Svc Validators

Air Mobility Command (Customer)

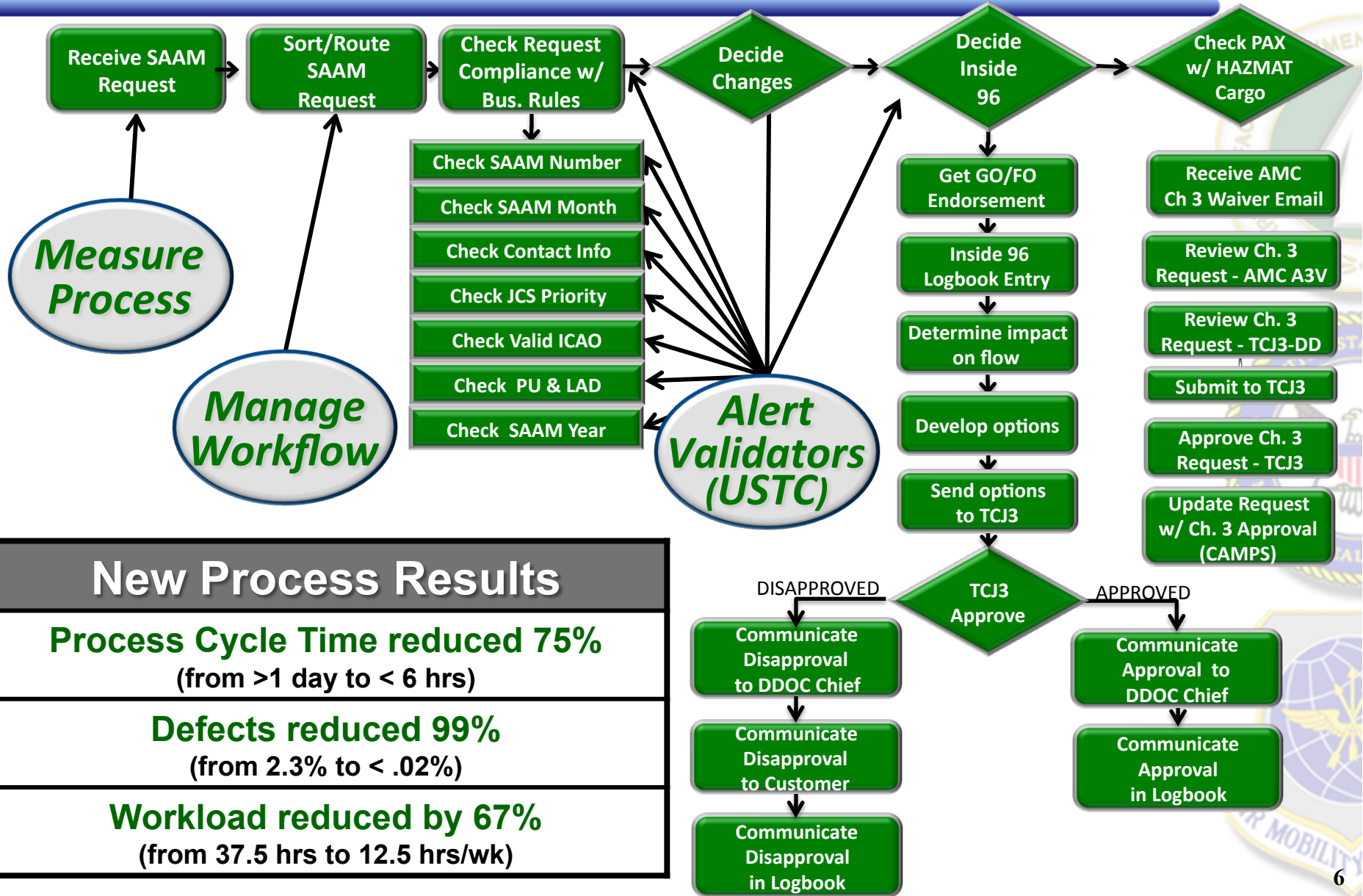


Customer Value

- 17 Value Added
- 30 Non Value Added-Required
- 23 Non Value Added (Data Handoffs & Inspections)



AT21 Process Improvement Results: Special Assignment Airlift Mission (SAAM)



New Process Results
Process Cycle Time reduced 75% (from >1 day to < 6 hrs)
Defects reduced 99% (from 2.3% to < .02%)
Workload reduced by 67% (from 37.5 hrs to 12.5 hrs/wk)



Process Improvement Results: Strategic Surface Route Plan (SSRP)

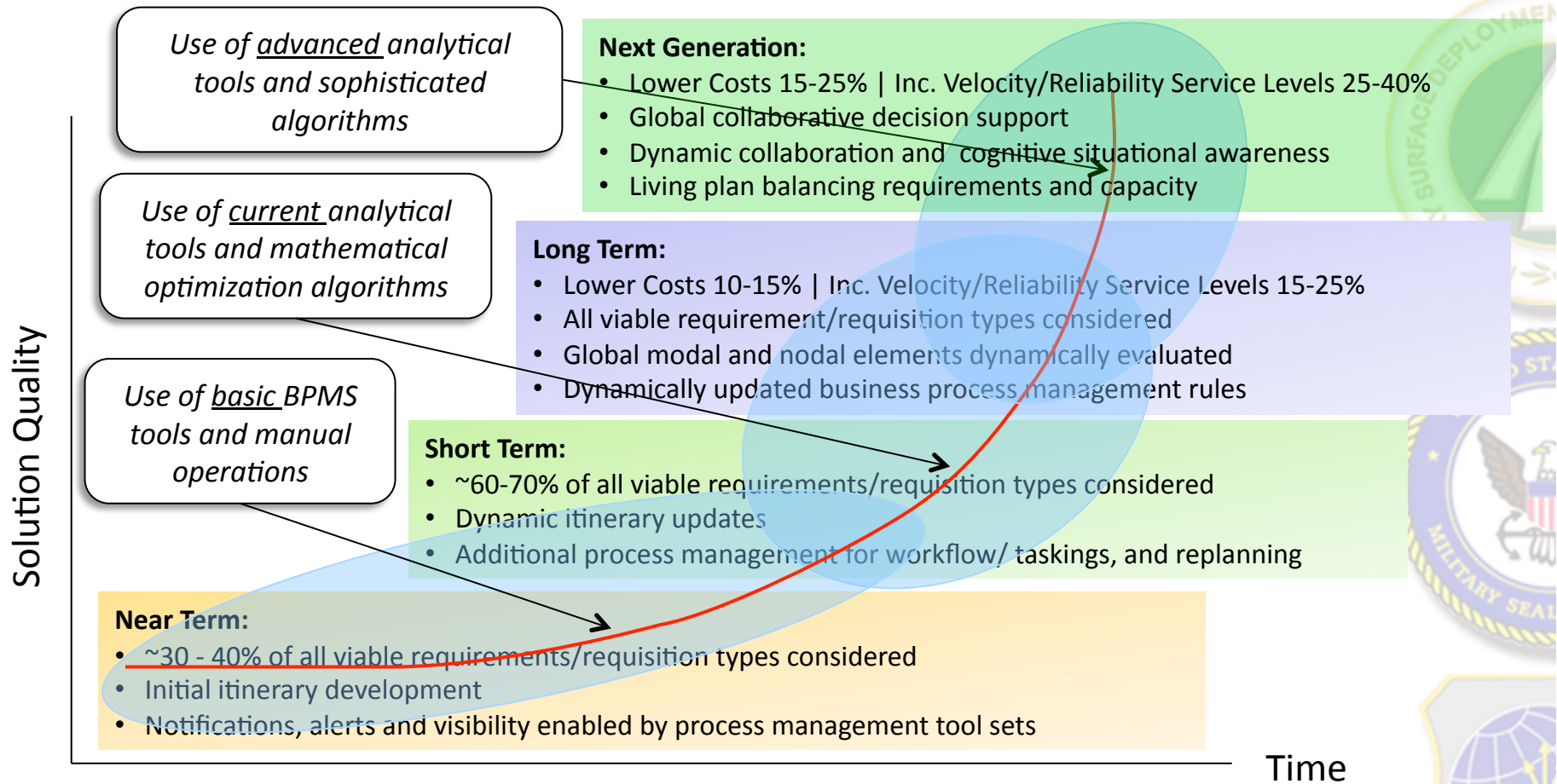
**SSRP Generates Routing and Consolidation
Recommendations for Surface Sustainment Cargo**

	Old Process		New Process
Data Collection	15 Work Days Cycle Time	→	<u>Instantaneous</u>
Data Analysis	4 Work Days Cycle Time	→	<u>20 Minutes</u>
SSRP Production	42 Work Days Total Cycle Time	→	<u>11 Work Days</u>

**5-26% Utilization Increase per Lane
\$123 Million in Annualized Savings**



Improved Optimization Over Time



Speed – Precision – Quality



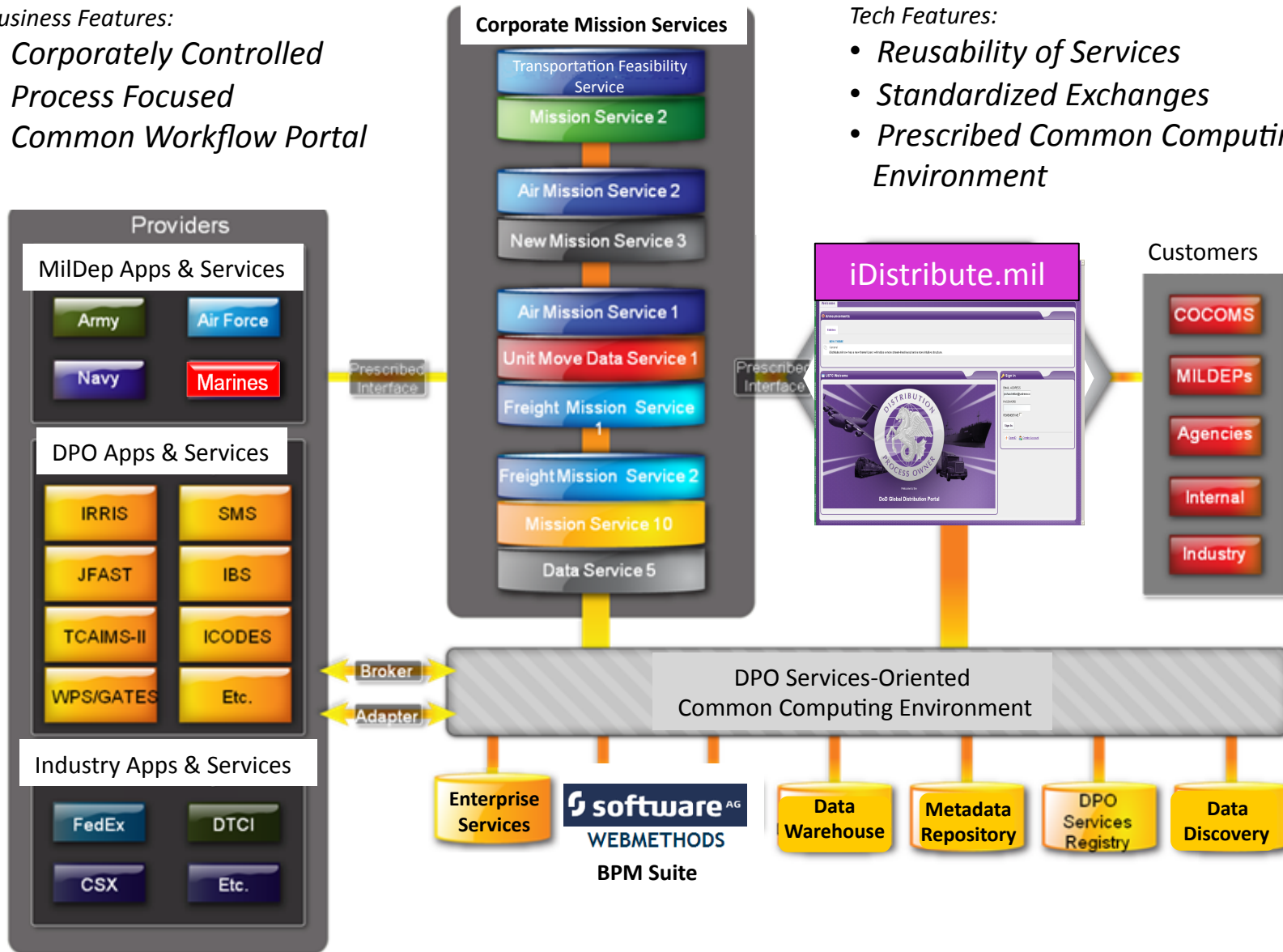
CSV Architecture: Delivering Capability Through Services

Business Features:

- Corporately Controlled
- Process Focused
- Common Workflow Portal

Tech Features:

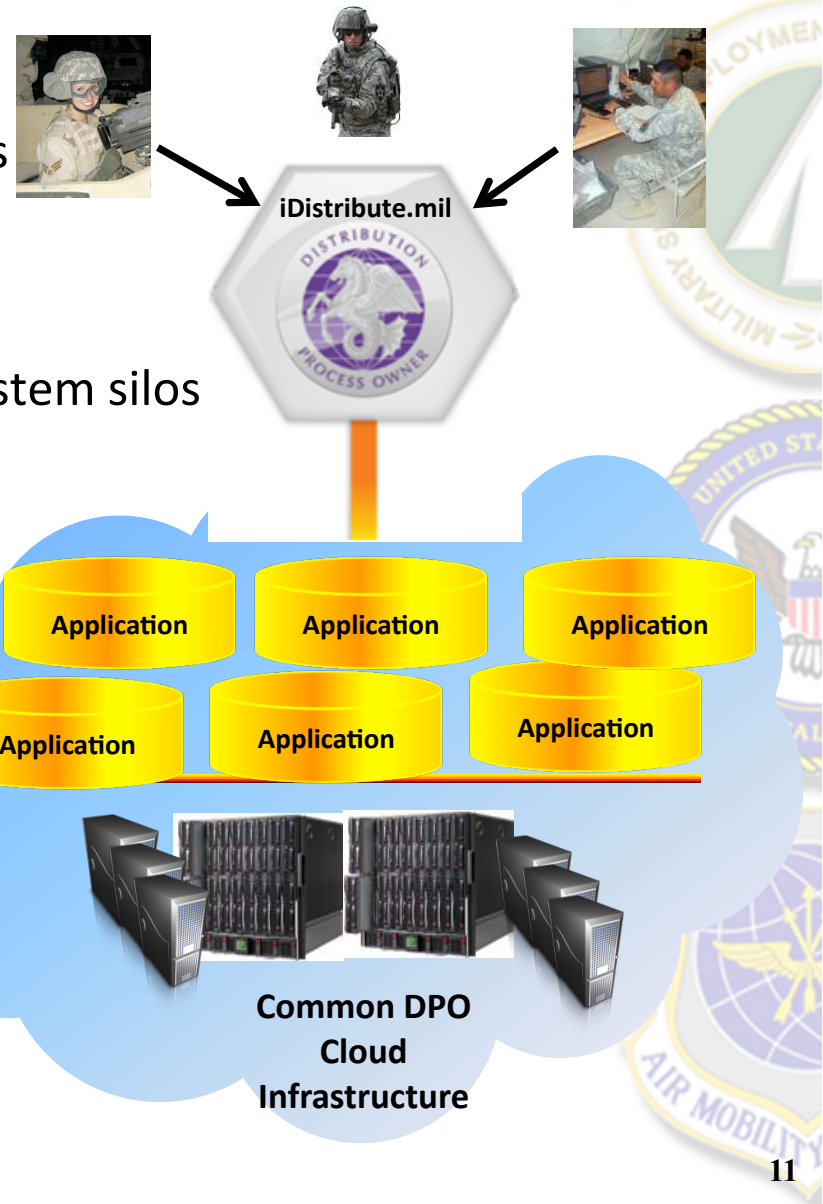
- Reusability of Services
- Standardized Exchanges
- Prescribed Common Computing Environment





Silos to Synergy: Creation of the Common Computing Environment

- ✓ Enables Rapid Business Process Improvements
- ✓ Application Focused
- ✓ Provides “app store” via shared infrastructure
- ✓ Eliminates duplication among independent system silos



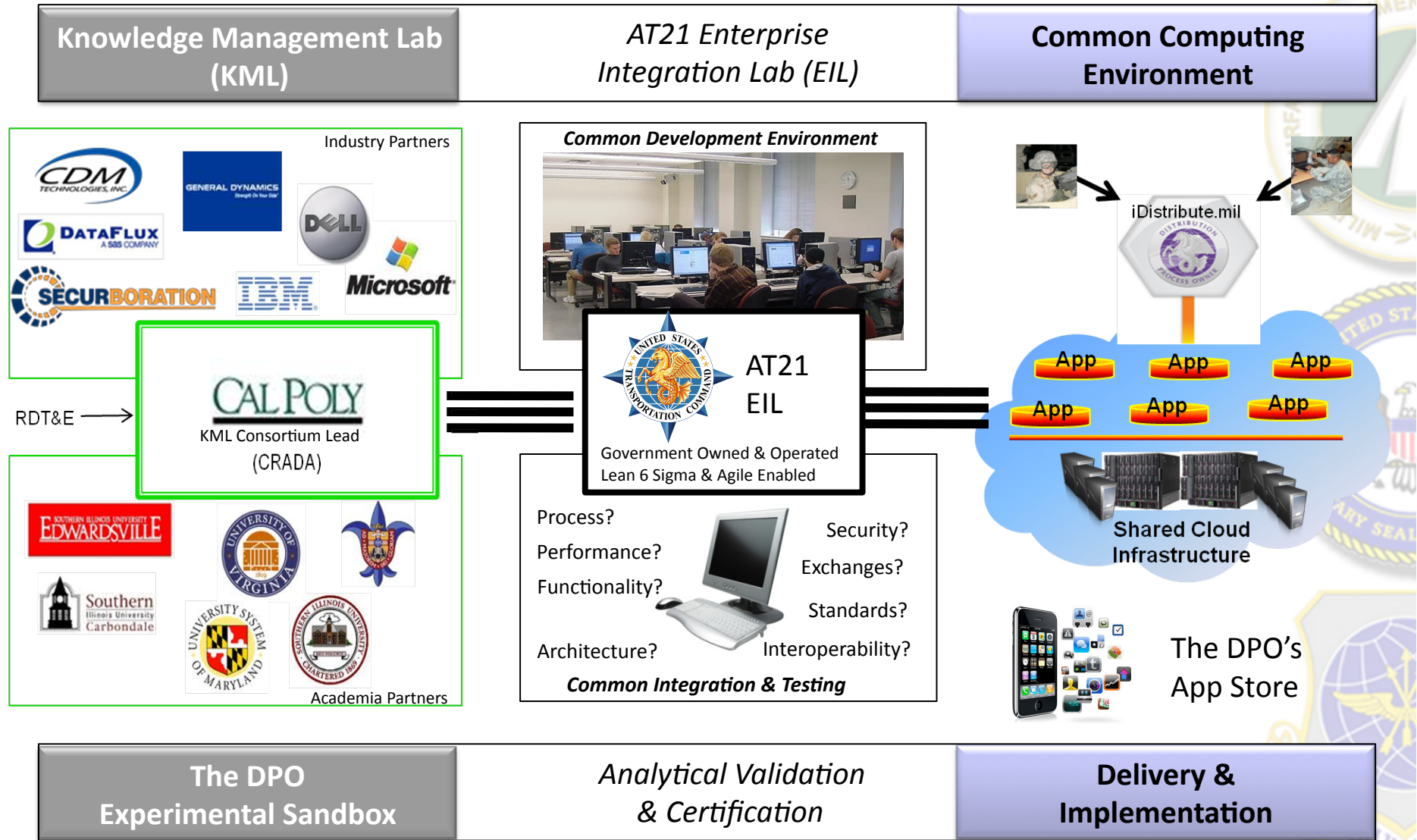
CURRENT
15-25% Utilization
175-185% Unshareable,
Unused Capacity
(Includes COOP
requirement)

FUTURE
60-80% Utilization
All Excess Capacity
Shared

POTENTIAL ROI
2/3 Reduction in servers
Reduced overall energy Costs



CSV/AT21 Delivery Methodology: In-Place and Delivering





Lessons Learned Applied to AT21

DOD-Wide Lessons Learned	AT21 Strategies Underway
<input type="checkbox"/> Lack of High Level Support	<input checked="" type="checkbox"/> 4-Star Direct Involvement -- #1 Program
<input type="checkbox"/> Technology Driving Capability	<input checked="" type="checkbox"/> Ops Process-Driven, Technology Enabled
<input type="checkbox"/> System-Centric	<input checked="" type="checkbox"/> Web-Service Enabled
<input type="checkbox"/> Development not Keeping Pace with Requirements	<input checked="" type="checkbox"/> Agile Development Implemented
<input type="checkbox"/> No Pre-Production, Staging, & Virtual Testing Environments	<input checked="" type="checkbox"/> Delivered AT21 Enterprise Integration Lab
<input type="checkbox"/> Unresponsive Procurement	<input checked="" type="checkbox"/> Responsive Procurement Partnership
<input type="checkbox"/> Lack of Sound Operating Process and Metrics	<input checked="" type="checkbox"/> Executing Corporate Governance Process <input checked="" type="checkbox"/> Adopted Process-Centered Culture (BPM) <input checked="" type="checkbox"/> Producing measurable efficiencies and effectiveness results
<input type="checkbox"/> Limited or No Joint Support	<input checked="" type="checkbox"/> Joint Support from all COCOMs



QUESTIONS

