



# Logistics Information Fusion

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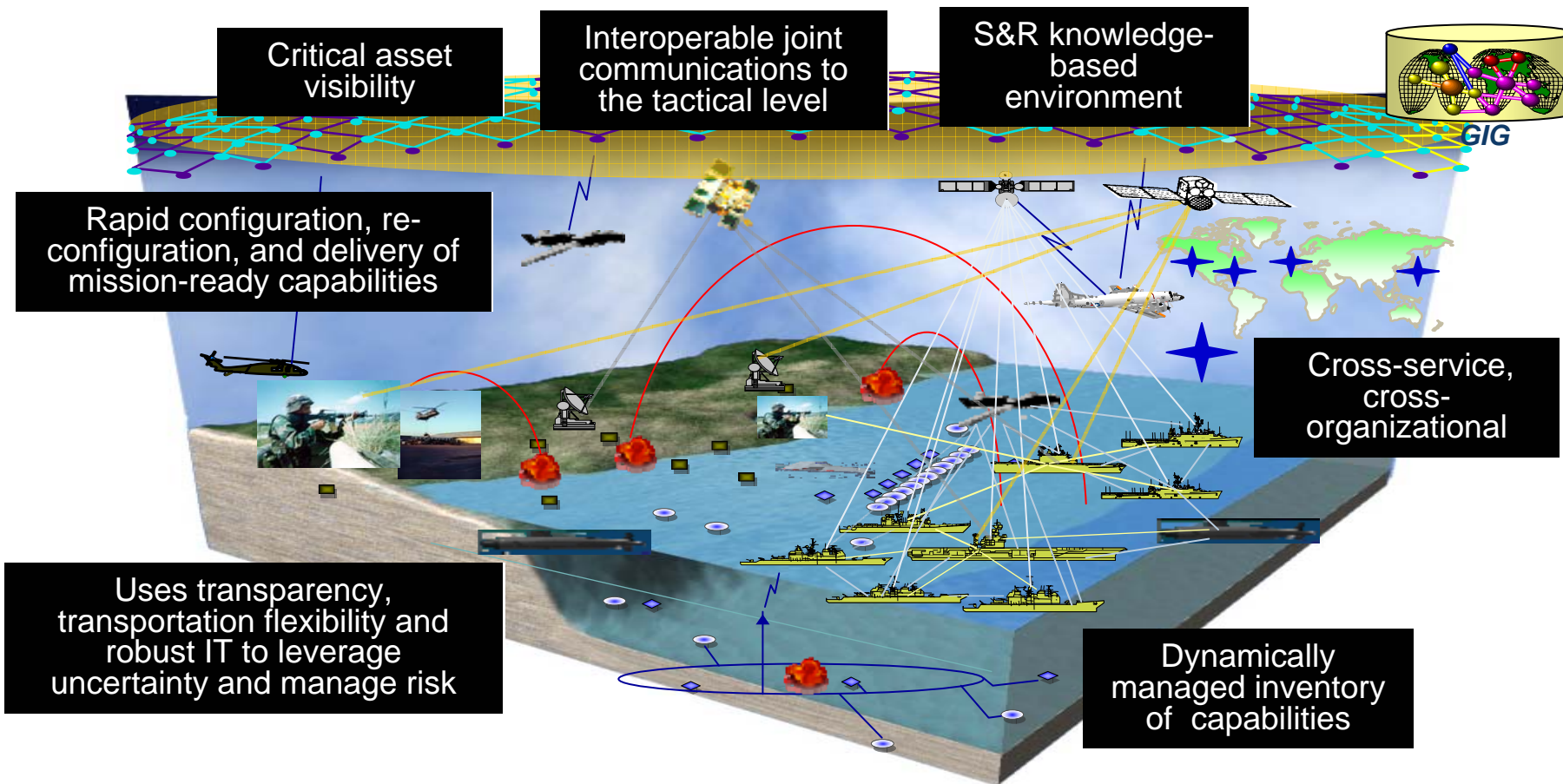
# Themes

- Rapid efficient delivery of outcomes
- End-to-end Supply Chain Visibility
- Service-Oriented Logistics
  - Logistics business processes meeting user needs
  - Services accessed to deliver business processes
  - Deploying new services with existing applications
  - Processes re-configured as required
  - Transparent applications/products
- Integration of Industry into Joint & Coalition Supply Chain
- Capability-led transformation of IT

# The New Battlespace

Demand-Driven, Knowledge-Driven

"7 Attributes of the Future Joint Force"



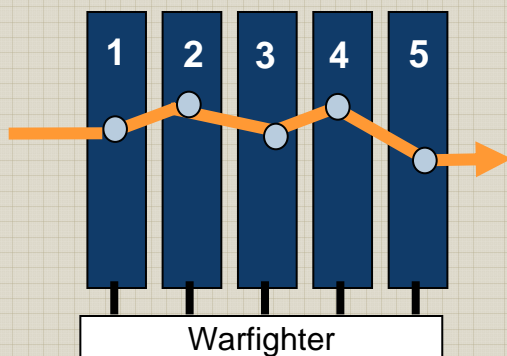
Source: OSD, Office of Force Transformation

# Quantum Leaps of Change

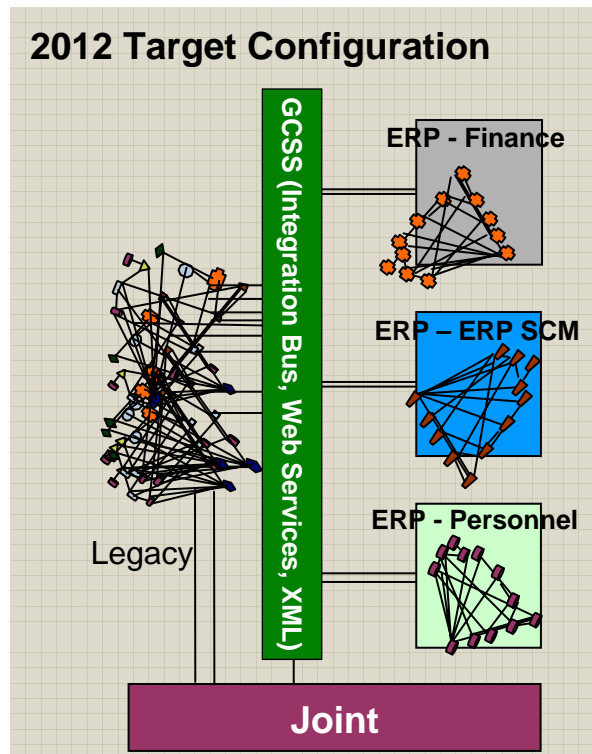
Capability

- Stove-piped service delivery
- Limited access to data
- Redundant systems
- Inconsistent data
- Multiple special purpose platforms

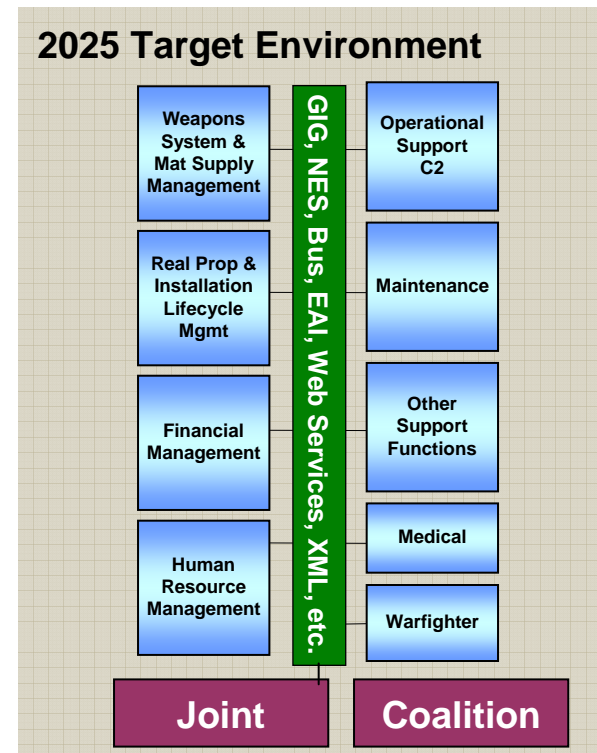
## Current Configuration



## 2012 Target Configuration



## 2025 Target Environment



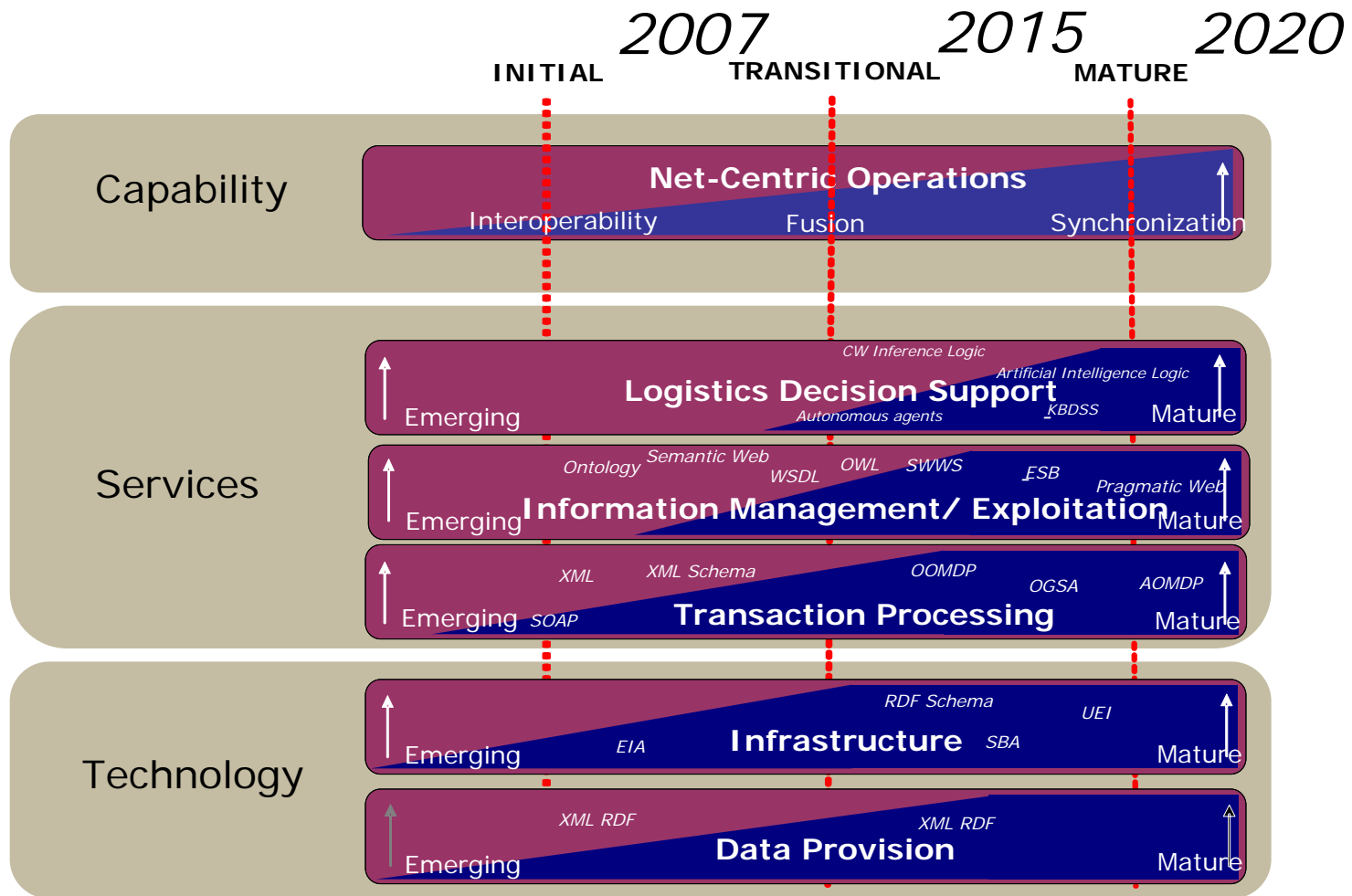
- User centric processes
- Web based and collaborative
- Shared Services - Build Once/Use Many
- Shared Data - Enter Once/Use Many
- Centralized security and controls

Time

Source: An ECS Perspective, Mr. Frank P. Weber, Director, 554th Electronic Systems Wing, Hanscom AFB, MA, on behalf of Lt Gen Charles Johnson, Commander, ESC/CC, AFCEA Montgomery Information Technology Summit, May 23, 2006

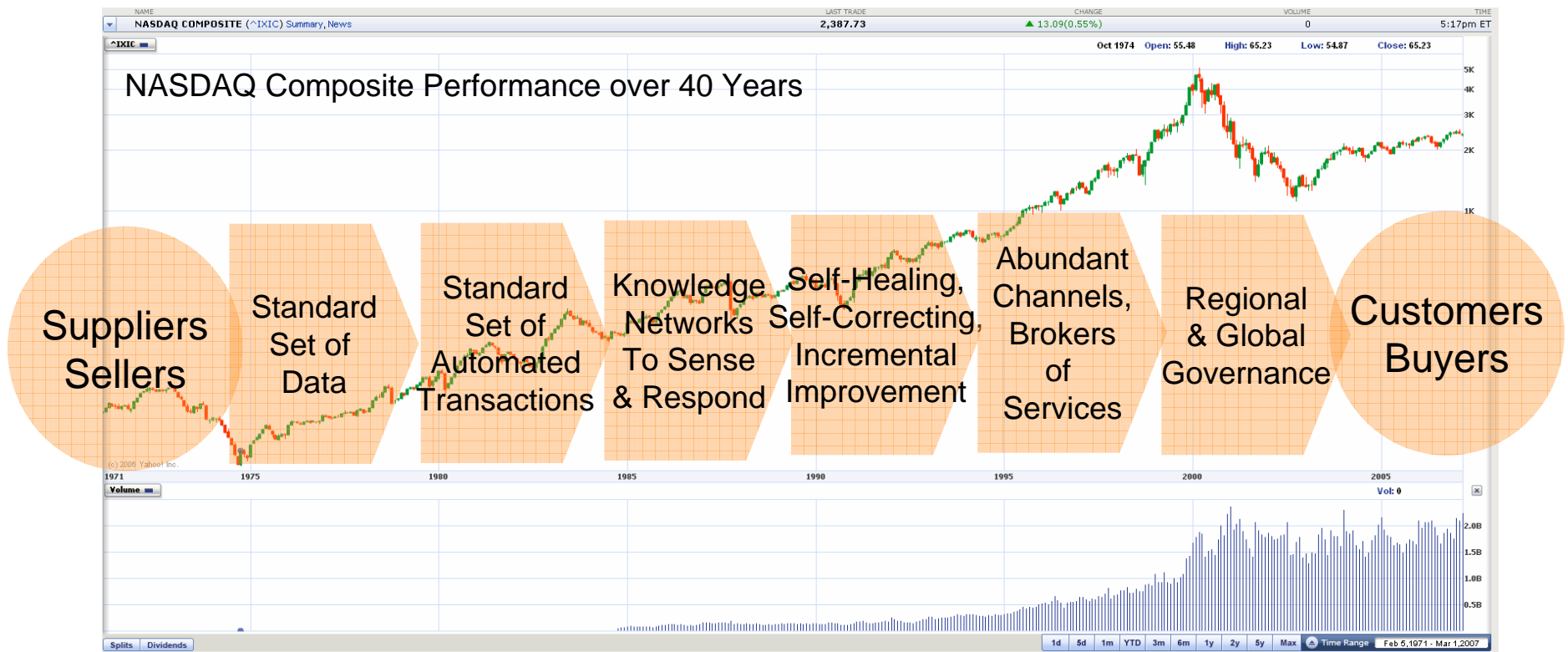
# Fusion of Services & Capability

## Evolutionary Roadmap



# A Well-Fused Information Supply Chain

The Industrial Benchmark of Moving Data To Create An Outcome





# Defense Distribution Virtual Operations Center

## ROLES / VIEWS

- Base Ops
- Flight OPS
- Mission Control
- Maintenance
- Materiel Management
- Transportation

## Maintenance Squadron

Commander On Duty  
**Maj Ken Wood, ext. 5660**  
NCOIC:  
**MSgt Beth Miller, ext. 5844**  
Shift:  
**Bravo 2**  
Mission Schedule: # 5B  
Mission Status: **Yellow**



52nd Fighter Wing, Spangdahlem AFB  
Time: 1324 hours Description: Repair Part Inventory  
Location: Warehouse 14A Ticket #: 333728  
Customer:

SEV1 SEV2 BULLETINS

## Asset Tracking

Repair Part #292343  
Pallet #: **290008**  
Status: **Shipped**  
Location: **Charleston AFB**  
Est. Departure Time: **2030 hours**  
Est. Time of Arrival: **0820 hours**  
Actual: **1140 hours**  
Contact: MSgt John Smith (867-324-5652)  
Severity: **SEV1**

## STATUS BOARD

- ➔ Incoming Supply
- Mission Readiness
- Customer Satisfaction
- Readiness
- Resources
- SYSTEMS STATUS

## Asset Identification

Name: Internal Navigation Unit  
Description: NSN Class 9 3442  
Order# 41780166  
UID: AAxy299  
Unit Pack# 1443  
Pallet Tag# 290008  
Container# 463L Pallet  
Transport vehicle: C-17  
Tail NFF8976

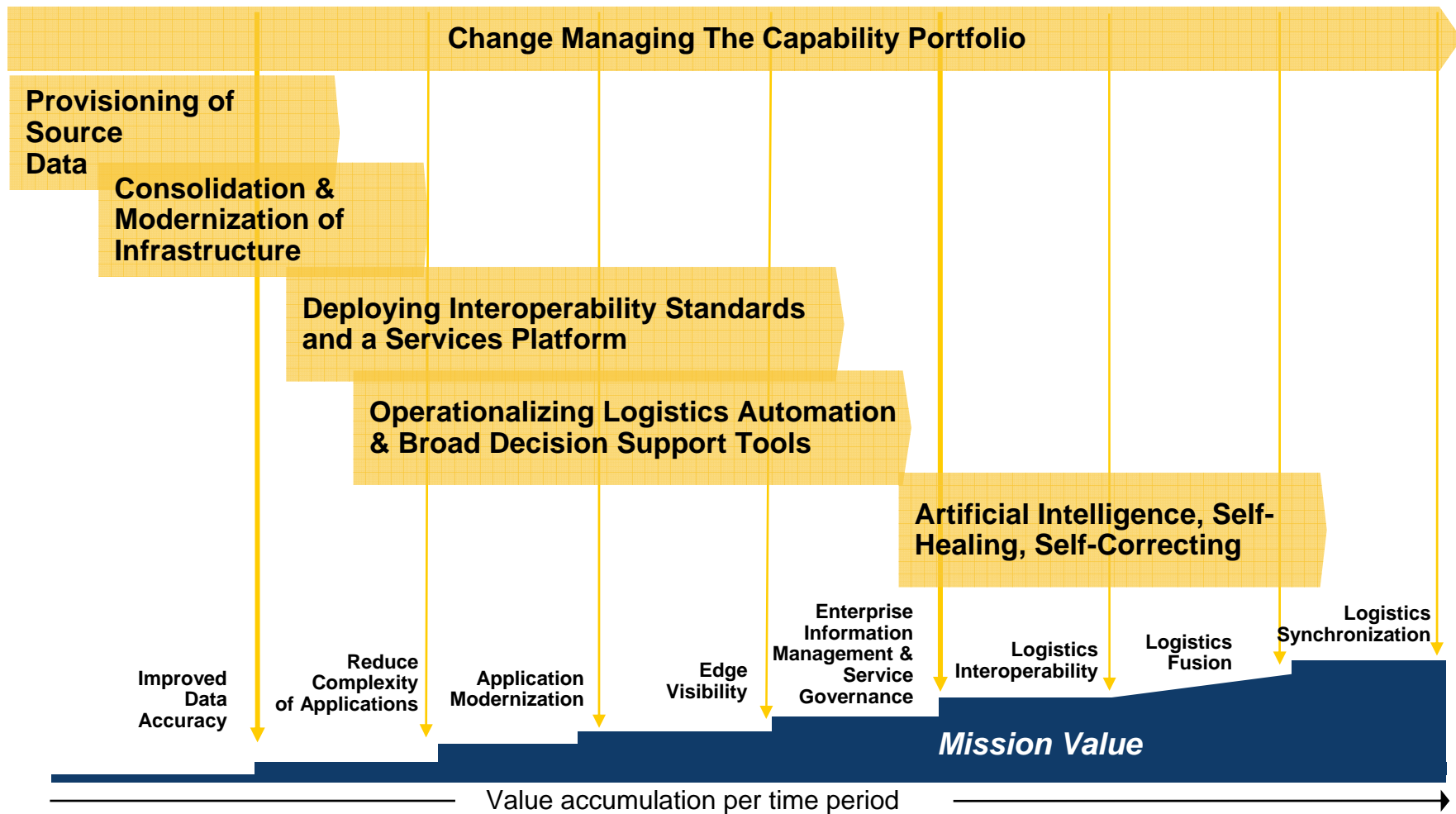
Possible Delay

- ALL
- MAP
- ROAD
- RAIL
- P.O.
- BMC
- IT SITES
- INCIDENT



# Bringing It all Together

Illustrative





## A Point of View

