



NDIA Disruptive Technologies Conference Logistics Gaps

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Joint Staff (J-4)
Logistics Functional Capabilities Board*



Purpose

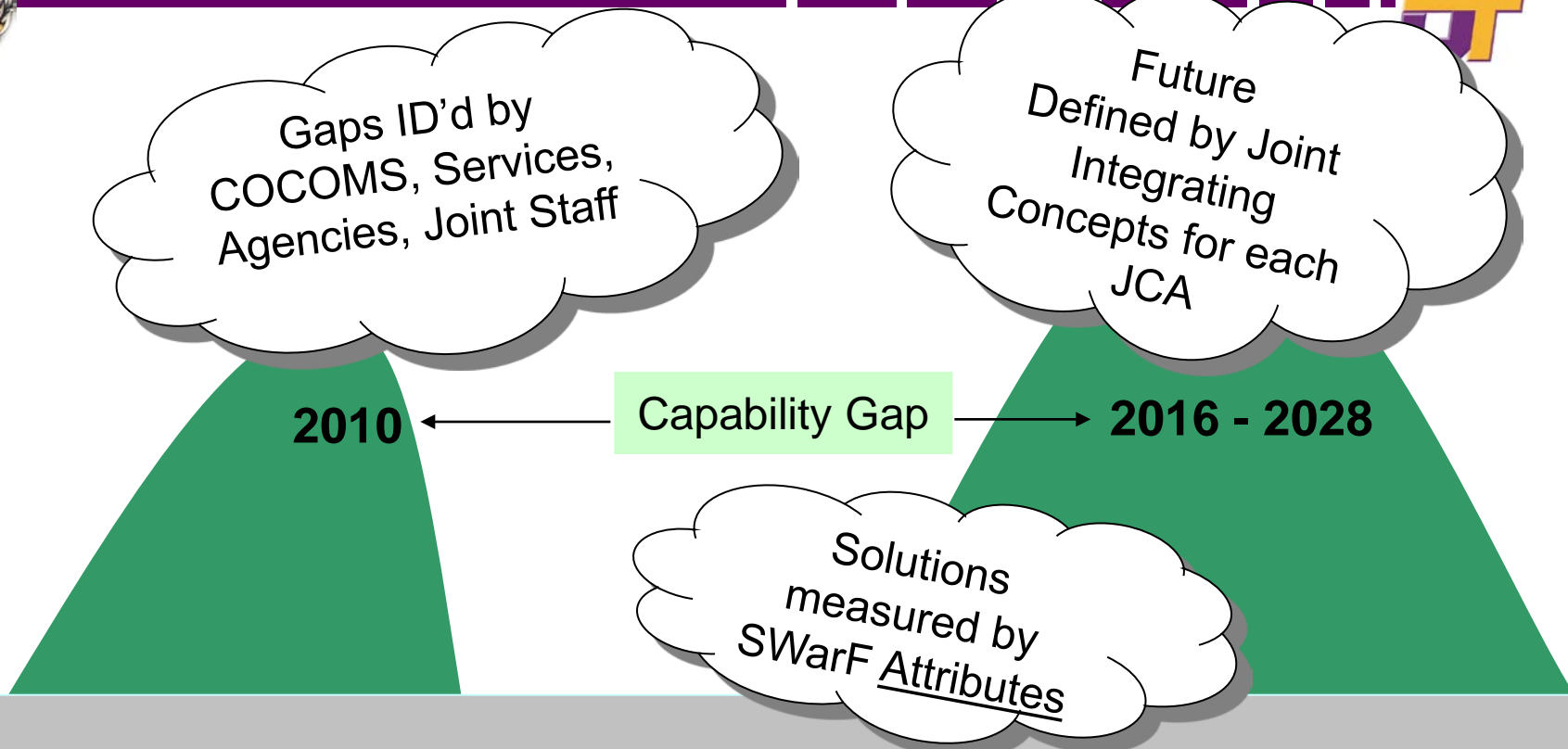


To outline Logistics capabilities and potential avenues for S&T focus



Logistics Capability Landscape

4



Gaps ID'd by
COCOMS, Services,
Agencies, Joint Staff

Future
Defined by Joint
Integrating
Concepts for each
JCA

2010

Capability Gap

2016 - 2028

Solutions
measured by
SWarF Attributes

Joint Capability Areas

Supply – Maintain – Contracting Support – Engineering
Deployment and Distribution – Logistic Services – Installation Support



Deployment and Distribution



- Move the Force
- Sustain the Force
- Operate the Joint Deployment Distribution Enterprise (JDDE)

Attributes

Visibility
Reliability
Velocity
Precision
Capacity

Potential Areas of Interest

Intra-Theater Distribution
Fuel and Ammo Mobility
Operational C2
Seabasing
Cyber Protection
Forced Entry
Agile Logistics
CBRNE Survivable



Deployment and Distribution (Cont'd)



- Move the Force
- Sustain the Force
- Operate the Joint Deployment Distribution Enterprise (JDDE)

Attributes

Visibility
Reliability
Velocity
Precision
Capacity

Potential Areas of Interest

Containerization
Sustainment
Inter-Theater Airlift
Aerial Refueling
Strategic Sealift
Distribution Networks
Unmanned Logistics Delivery Systems
Autonomic Logistics
Energy Reduction



Supply



- Manage Supplies & Equipment
- Inventory Management
- Manage Supplier Networks

Attributes
Responsiveness
Sustainability
Flexibility
Survivability
Attainability
Economy
Simplicity

Potential Areas of Interest
Prepositioning



Maintain



- Inspect
- Test
- Service
- Repair
- Rebuild
- Calibration

Attributes
Sustainability
Responsiveness
Attainability
Flexibility
Economy
Survivability
Simplicity

Potential Areas of Interest
Predictive Maintenance
Remote Monitoring



Logistic Services



- Food Services
- Water and Ice Service
- Basecamp Services
- Hygiene Services

Attributes
Responsiveness
Attainability
Sustainability
Flexibility
Economy
Survivability
Simplicity

Potential Areas of Interest
Water Packaging
BARE Base Set Generator
Modular Services
Mobile Food Services
Mobile Mortuary Affairs
Expeditionary Basing



Operational Contract Support



- Contract Support Integration
- Contractor Management

Attributes
Responsiveness
Attainability
Flexibility
Survivability
Sustainability
Simplicity
Economy

Potential Areas of Interest
Process Management



Engineering



- Combat Engineering
- General Engineering
- Geospatial Engineering

Attributes
Effective
Expeditionary
Agile/Tailorable
Networked
Integrated
Precise
Enduring/Persistence

Potential Areas of Interest
Airfield Damage Repair
Well Drilling



Installation Support



- Real Property Life Cycle Management
- Installation Services

Attributes
Responsiveness
Sustainability
Flexibility
Survivability
Attainability
Economy
Simplicity

Potential Areas of Interest
Portable Airfield Lighting
Base Support



Discussion