



NDIA Supply Chain Community of Interest

**A Collective Approach to Improved
Government-Industry Collaboration**

Why a Community of Interest?



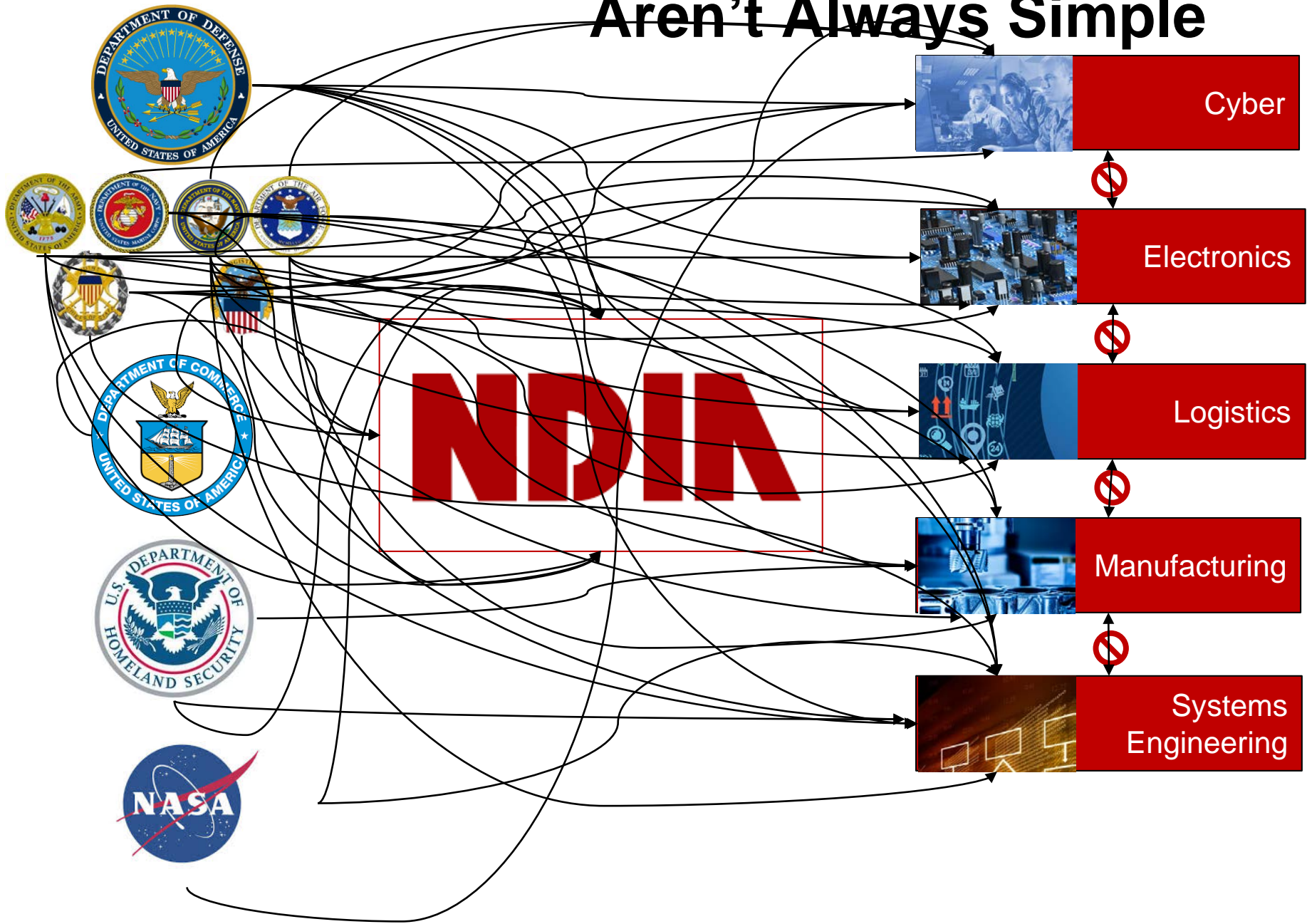
NDIA



Requests for Assistance



Aren't Always Simple



And...Sometimes Fruitless



NDIA



Supply Chain COI



NDIA



Cyber



Electronics



Logistics



Manufacturing



Systems Engineering

Other Divisions Chapters

Charter for: NDIA Supply Chain Community of Interest

Problem Statement:

As the trusted leader in defense and national security associations, NDIA is often the “Go To” place for DoD **and other Government Agencies** to obtain Industry views on issues related to/affecting Supply Chains of the Defense Industrial Base (DIB). Supply Chain expertise resides in NDIA across multiple Divisions and working groups. However, identifying appropriate participants, and coordination across the Divisions has proven difficult, resulting in **incomplete** input and **fragmented** participation.

Objectives:

- Create a virtual network – a Community of Interest for DIB Supply Chains, facilitated by NDIA
- Facilitate collaboration through a cross-Division communications network of Supply Chain SMEs
- Provide an information dissemination and idea sharing capability for all NDIA members interested in Supply Chain issues

Value Proposition:

- Rapid dissemination of **relevant** information ~~of interest~~
- Rapid identification of available **experts** to respond to Gov’t requests for assistance
- Leverages expertise across Divisions and facets of the DIB SC; avoiding suboptimal creation of separate SC Division
- Opportunity to highlight Supply Chain issues and inform the general public (via NDIA Website)

Initial Requirements:

- Identification of participants
- Design the COI – tools and administrative requirements (websites, email lists, workspace/storage, virtual bulletin boards/discussion threads, etc.)
- Design a Concept of Operations (CONOPS) - how does this work, who “manages” the COI, who/how to contribute, “moderators”, etc.
- Identify NDIA staff support requirements

Scope Information:

- Currently between 5 divisions. Additional adds (divisions/chapters) in future (Robotics, Small Bus., Procurement, etc...)

Event Dates: 6 Feb 2018

Location: Virtual

Champion: Dave Chesebrough, NDIA VP Programs/Divisions

Sponsors: (Division Leads)

- ✓ Cyber – Dawn Beyer/Perri Nejjib
- ✓ Logistics – Al Banghart
- ✓ Electronics – Kelly **Hennig**
- ✓ Systems Engineering - Frank Serna/Joe Elm
- ✓ Manufacturing – Kenneth Sullivan

Team Leader: Joe Spruill

Charter Members / Participants:

- **Cyber – Jeff Chang**
- **Logistics – Irv Varkonyi**
- **Electronics – Brian Cohen**
- **Systems Engineering – TBD / Joe Elm (interim)**
- **Manufacturing – Kaye Ortiz**
- **NDIA Staff - TBD**

What do we want?

- Virtual network – NDIA facilitated Community of Interest for Supply Chain Management issues
 - Collection of information from a community with shared interest
 - Capability for information dissemination and idea sharing
 - Linked SMEs – across the NDIA enterprise
- Enhanced collaboration between government and industry
 - Capture broader expertise via cross-division interactions
 - Diminish stovepipes – in both government and industry
 - Gain common understanding of multiple Supply Chains
 - Drive strategic views of Supply Chain activities (e.g. DMSMS)
 - Derive tactical actions to improve Supply Chain management

Positive impact to Government management of SC risk (legislative, regulatory, and policy) for improved national security

Design – What is our Scope:

- APICS: “A supply chain is a system of organizations, people, technologies, activities, information and resources involved in moving materials, products and services all the way through the manufacturing process, from the original supplier of materials supplier to the end customer.”
- Focus – Supply Chains supporting/impacting the National Security (e.g Defense Industrial Base)
- Process – Leverage the collective knowledge and actions of a networked community with shared interest.

Help improve Supply Chain decisions through better understanding of the tools, levers, and outcomes

Design the COI – Desired Processes

- Create a network – identify and enlist participants
 - Identify Subject Matter Experts
 - Facilitate mutual support on individual Division initiatives
- Facilitate the exchange of ideas, sharing of knowledge
 - Open lines of communications for cross-discipline (Division) collaboration
 - Collaboratively solve problems, or provide a collective Industry position or response

***Clearinghouse for Supply Chain issues
across NDIA organizations***

Design the COI – Identify Process Requirements

Desired Process

Create a network – identify and enlist participants

- Identify Subject Matter Experts
- Facilitate mutual support on individual Division initiatives

Requirement

- Survey: Identify interests and expertise on sign up
- Participation description including expected time commitment, communication methods, and outcomes
- Communications Plan & Platform
 - Email – management tools
 - Managed address list
 - Web presence
 - Participant sharing portal (separate from open website)
- Maintain Division Leadership support
 - Meeting agenda items

Design the COI – Identify Process Requirements

Desired Process

Facilitate the exchange of ideas, sharing of knowledge

- Open lines of communications for cross-discipline (Division) collaboration
- Collaboratively solve problems, or provide a collective Industry position or response

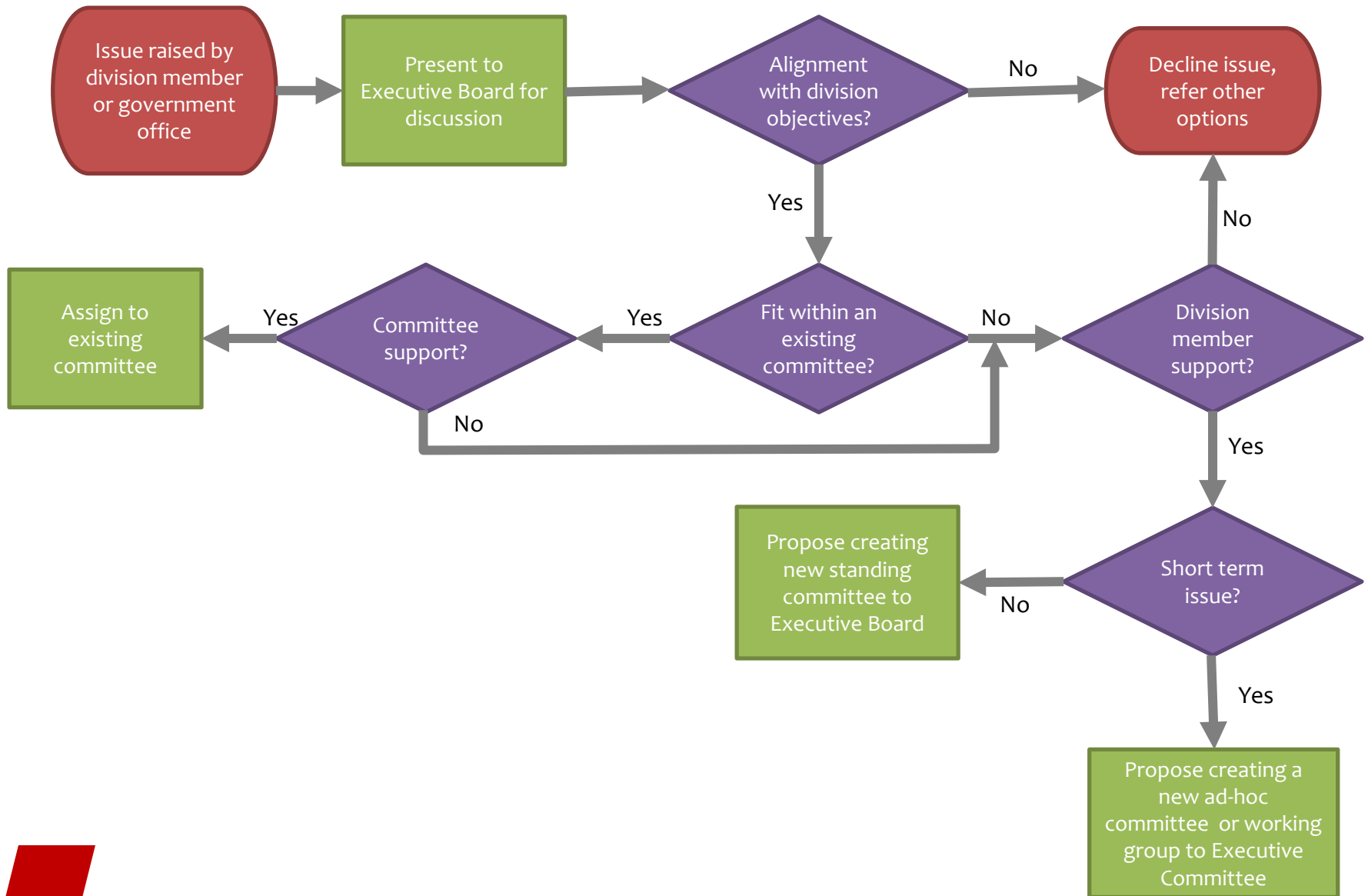
Requirement

- Web-based Collaboration tools
 - Participant sharing portal (separate from open website)
 - Collective/Group eMail lists
 - Web-based chat room/discussion threads
- Collective/Group eMail lists
- Wiki-like repository of papers, links, etc...

Concept of Operations

- Who “Manages” the COI?
- Selection/Verification of SMEs?
- How is information updated?
- How is information validated/deleted/archived?
- How is information disseminated?
- Is there need for a central, trusted “sender”
- ???
- ???

Sample Process Flow for Issues



Things we need to do....

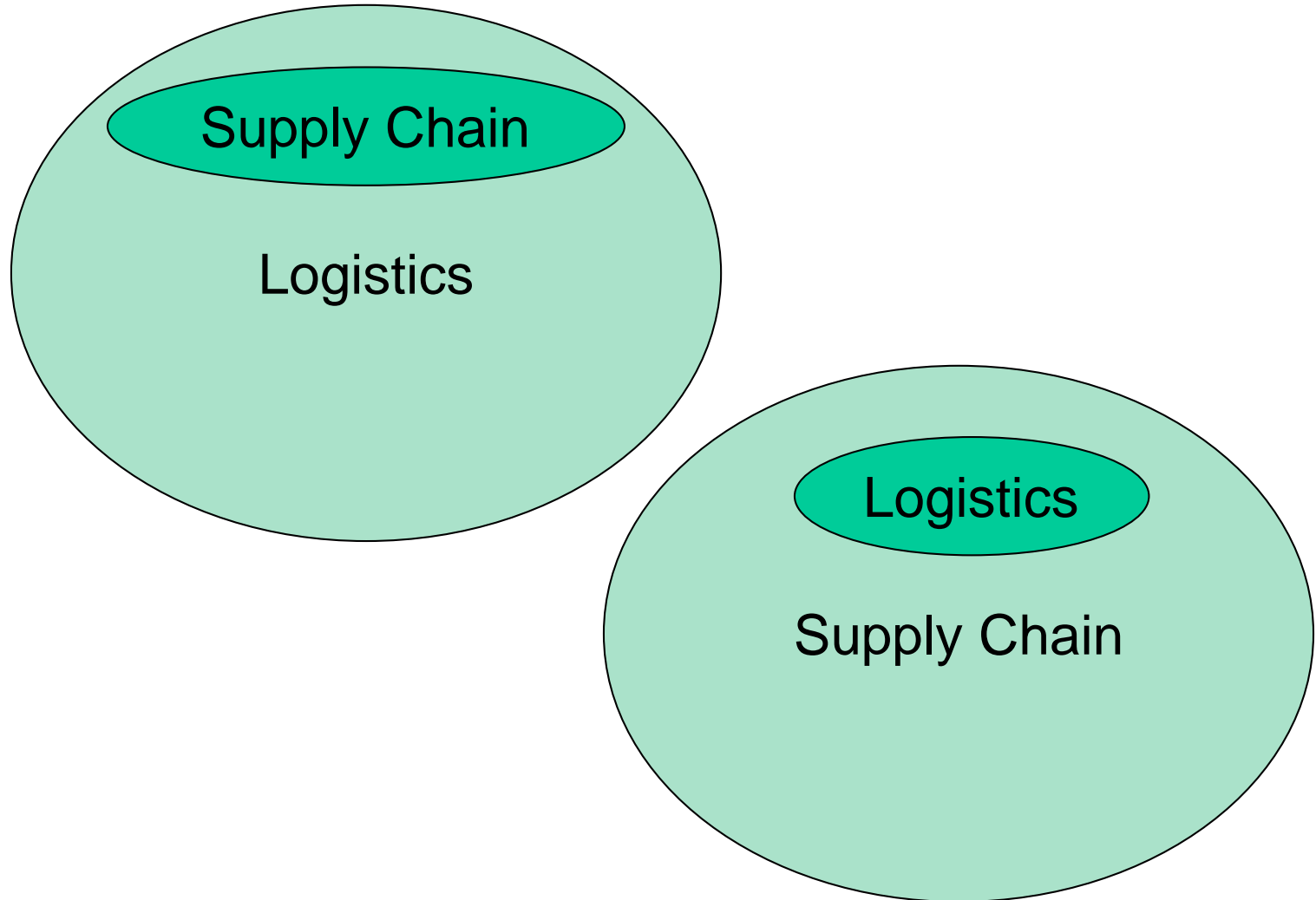
- ID SMEs within specific SC areas
- Sort out between Strategic and Tactical issues
- Identify Government Stakeholders
- Collaborate with NDIA Communications team...
 - “Art of the Possible” discussions – available tools
 - Communications plan to inform NDIA members

Moved to backup or delete

Burning Platforms

- Avoidance of counterfeit parts
- Diminishing sources of supply
- Component obsolescence
- Vendor qualification for defense applications
- 1. Examine the role of collaboration between organic and commercial industrial base and how this can be optimized. If collaboration means shared values, information and goals, to what degree is the commercial supply chain integrated with organic resources?
- 2. What are the strengths and weaknesses of supply chain integration with respect to maintenance and material readiness? Is DoD policy and programs consistent with such integration?

Supply Chain stovepipes



Supply Chain Community of Interest

