



# 2006 PEO/SYSCOM Conference

## *Net Ready Key Performance Parameter A Practical Approach*

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**Chief, Information Integration Division, J6, The Joint Staff  
7 & 8 November 2006**



# *16<sup>th</sup> Chairman's Priorities*



- **Win the War on Terrorism**
- **Accelerate Transformation**
- **Strengthen Joint Warfighting**
- **Improve the Quality of Life of our Service Members and our Families**

*The Joint Staff will be an agile, empowered, innovative and results oriented organization supporting CJCS in the execution of his duties as the Principal Military Advisor to the President of the United States, the Secretary of Defense and the National Security Council*

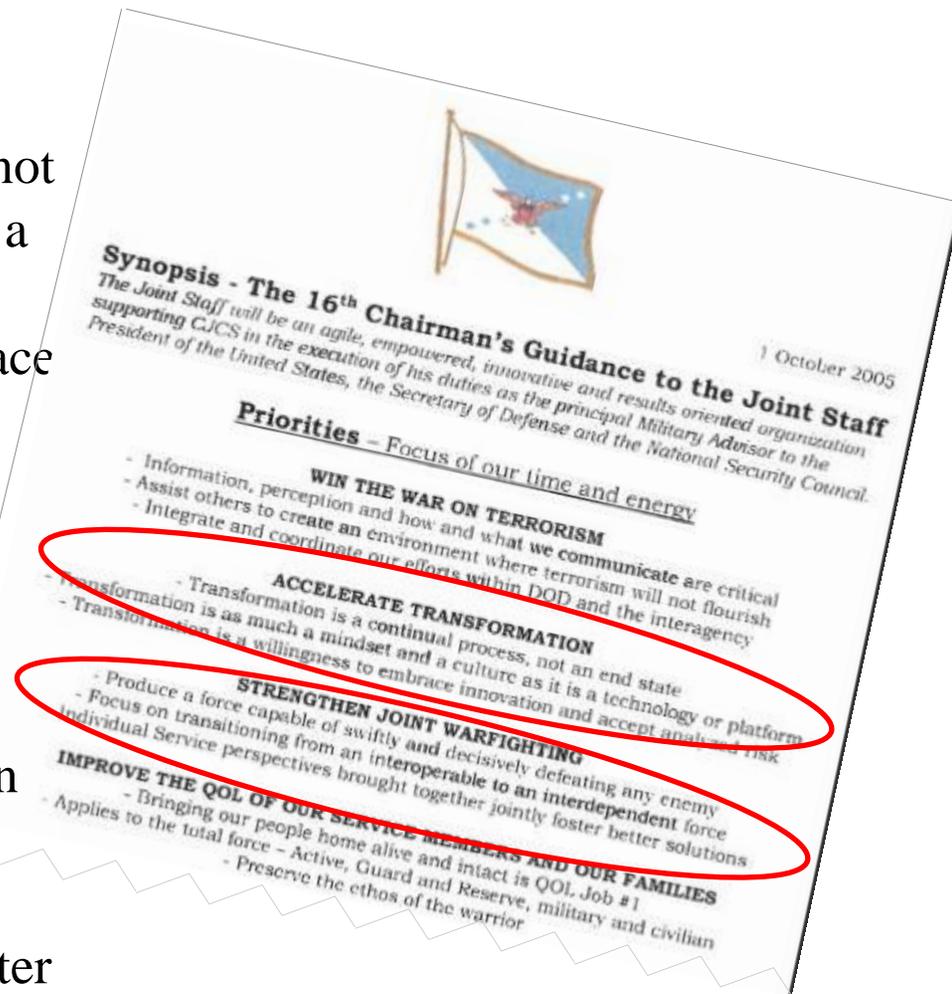
# Chairman's Priorities

## Accelerate Transformation

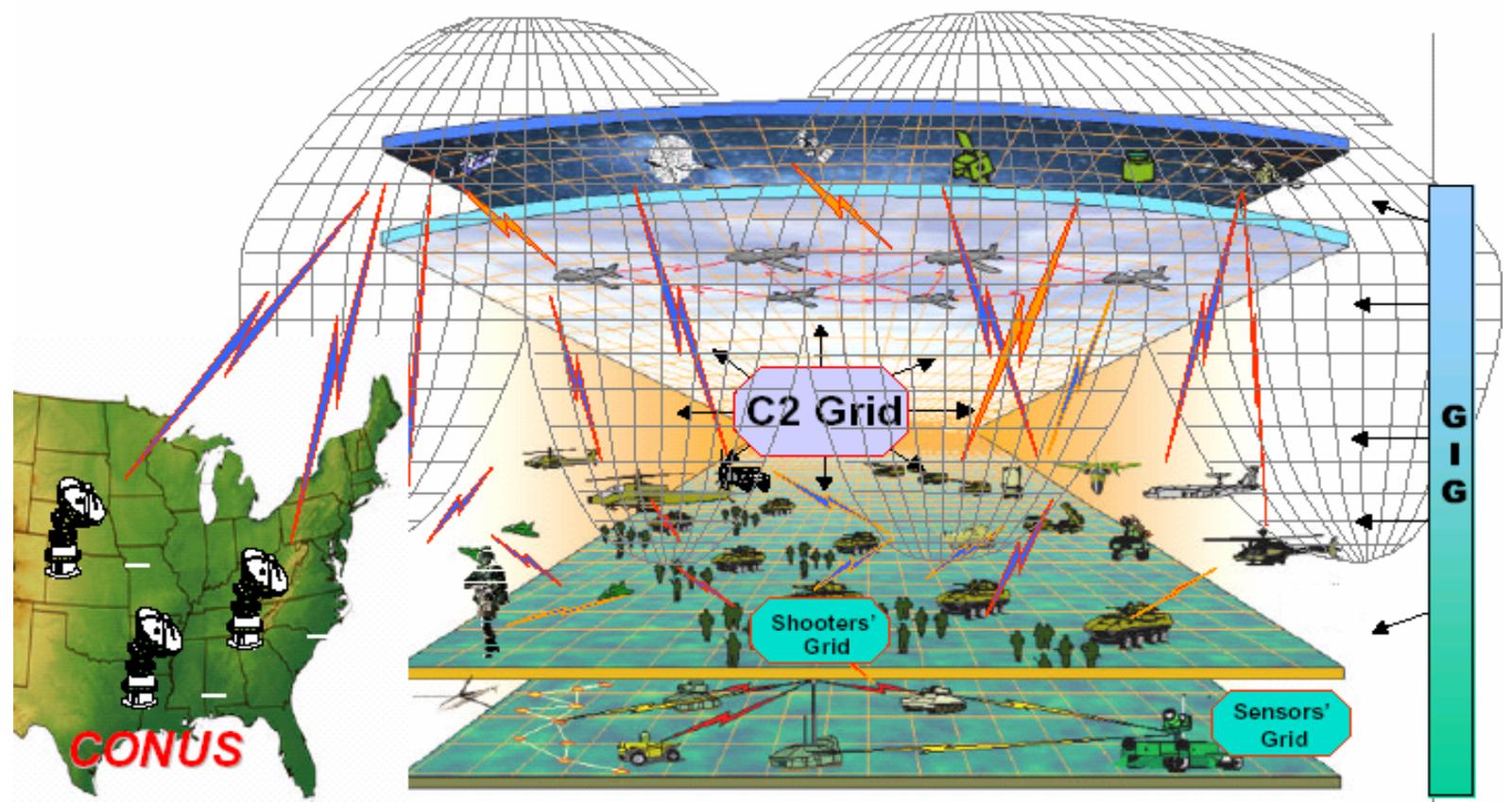
“Transformation is a continual process, not an end state; it is as much a mindset and a culture as it is a technology or platform. Transformation is a willingness to embrace innovation and accept analyzed risk”

## Strengthen Joint Warfighting

“Produce a force capable of swiftly and decisively defeating any enemy; focus on transitioning from an interoperable to an interdependent force; individual Service perspectives brought together jointly foster better solutions”



# The Global Information Grid (GIG)



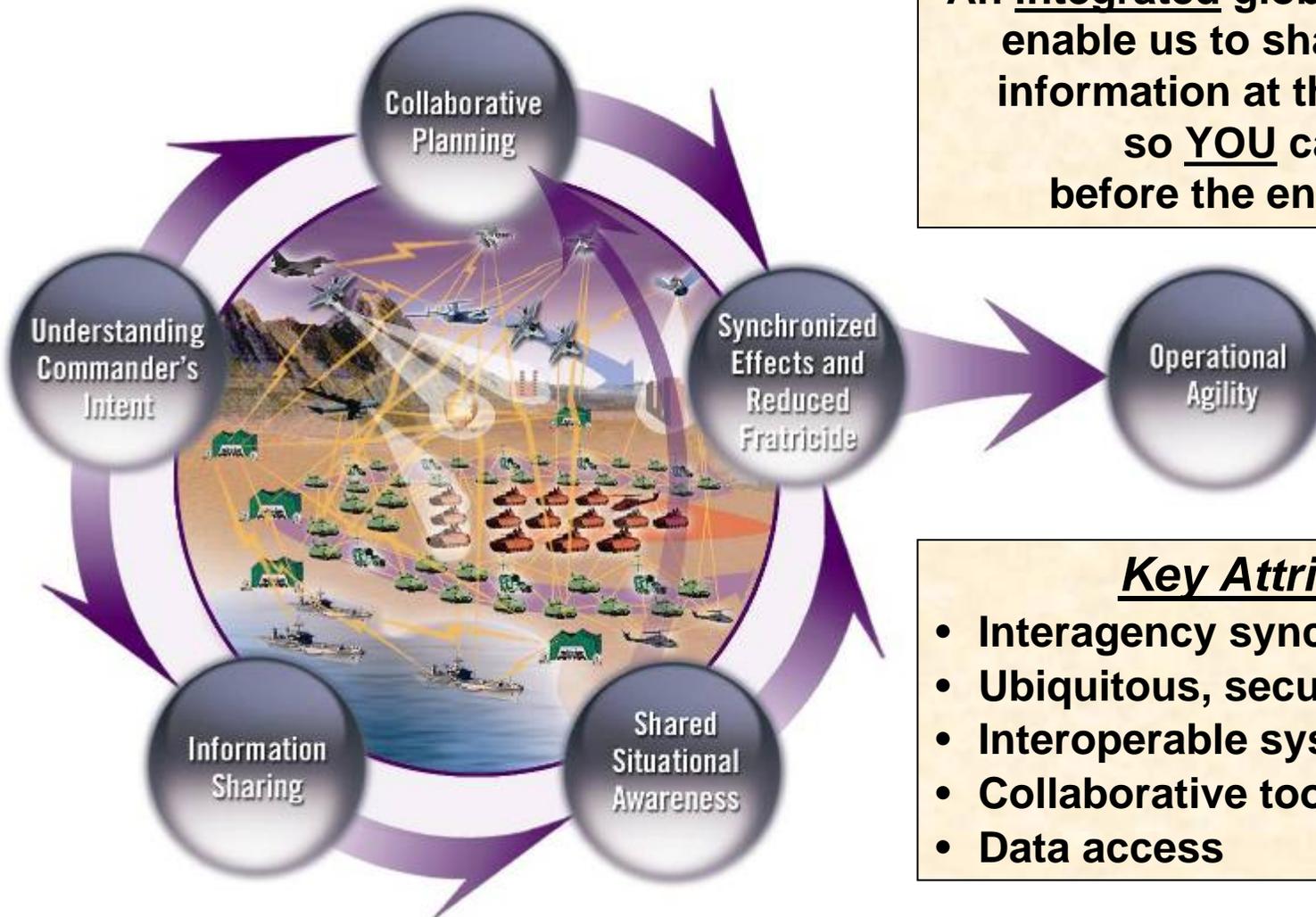
**The Foundation for Joint Warfighting**

# *Joint Net-Centric Operations (JNO)*



The ability to exploit all human and technical elements of the joint force and its mission partners by fully integrating collected information, awareness, knowledge, experience, and decision making, enabled by secure access and distribution, to achieve a high level of agility and effectiveness in a dispersed, decentralized, dynamic and/or uncertain operational environment. (Derived from Net-Centric Environment JFC)

# Joint Net-Centric Operations (JNO)



## Vision

An integrated global network will enable us to share the right information at the right time so YOU can act before the enemy acts.

## Key Attributes

- Interagency synchronization
- Ubiquitous, secure networks
- Interoperable systems
- Collaborative tools
- Data access

# NR-KPP Requirement

## Interoperability Required by:

- Mission Accomplishment
- Law
- DOD 4630 Series
- CJCSIs 3170 and 6212

## Program Assistance:

- Refined CJCSI 6212.01 (March 2006)
- Program Assistance Visits (Daily)
- NR-KPP DAU Module (May 2006)

Department of Defense  
**INSTRUCTION**

**CHAIRMAN OF THE JOINT CHIEFS OF STAFF  
MANUAL**

**CHAIRMAN OF THE JOINT CHIEFS OF STAFF  
INSTRUCTION**

**J-6  
DISTRIBUTION: A, B, C, J, S**

**INTEROPERABILITY AND SUPPORTABILITY OF INFORMATION TECHNOLOGY AND NATIONAL SECURITY SYSTEMS**

References: See Enclosure F.

- Purpose.** This instruction
  - Establishes policies and procedures for developing, coordinating, reviewing, and approving Information Technology (IT) and National Security System (NSS) Interoperability and Supportability (I&S) needs.
  - Establishes procedures to perform I&S Certification and J-6 System Validation of Joint Capabilities Integration and Development System (JCIDS) Acquisition Category (ACAT) programs/systems cited in references a and b.
  - Establishes procedures to perform I&S Certification and J-6 System Validation of Information Support Plans (ISPs) for all non-ACAT and fielded programs/systems (references c and d).
  - Defines the four elements of the Net-Ready Key Performance Parameter (NR-KPP).
  - Provides guidance for NR-KPP development and assessment.
  - Establishes procedures for Joint Interoperability Test Command (JITC) Joint Interoperability Test Certification.

**DEFENSE ACQUISITION GUIDEBOOK**

Welcome to the Defense Acquisition Guidebook Homepage

The purpose of the Guidebook is to provide members of the acquisition community and our industry partners with an interactive, on-line reference to policy and discretionary best practices. Consider the Guidebook a valuable resource as you design your program.

**NAVIGATION**

To enter and navigate three ways according to:

- Select the **Index**
- Select the **Links** acquisition plan
- Select the **Fast**

To maximize the utility and have JavaScript or [Click here to access pdf](#)

**TUTORIAL**

A more detailed discuss all the capabilities the

**FEEDBACK**

Date

**DAU NET-READY KEY PERFORMANCE PARAMETER**

Introduction to the NR-KPP Module

**Functional Approach to the NR-KPP**

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    graph TD
      A[Review Elements of the NR-KPP] --> B[Utilize Shared Define Standards and Architecture]
      B --> C[Complete & Submit NR-KPP Required Documentation]
      C --> D[Undergo Interoperability & Supportability Certification]
      D --> E[Undergo Joint Interoperability Test Certification & Re-Certification]
    
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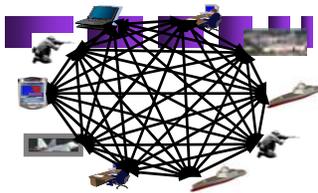
The overall method for ensuring compliance with the Net-Ready Key Performance Parameter (NR-KPP) as proposed in this course will assist in achieving a net-centric environment.

This course is designed to help Program Managers gain exposure to the NR-KPP development resources with the ultimate goal of ensuring the necessary program Interoperability and Supportability (I&S) and Joint Interoperability Test Certification.

The diagram to the right highlights the basic activities that will help Program Managers complete the steps for I&S certification based on the the NR-KPP.

As you navigate through the rest of the course, look for this image as a recorder of these activities and when they occur in the overall process.

This is the end of the topic. To proceed, select the Next button



**May 2000** Focused on one-to-one relationships (point-to-point).

Interoperability KPP (6212.01B)	Threshold	Objective
All top-level Information Exchange Requirements ( <b>IERs</b> ) will be satisfied to the standards specified in the Threshold and Objective values (In blocks when applicable).	<b>100%</b> of top-level <b>IERs</b> designated critical	<b>100%</b> of top-level <b>IERs</b>

**Nov 2003** Focus shifted to interfaces, net-centric services, data sharing, availability, assurance and correctness – net-readiness and the **Net Ready Key Performance Parameter (NR-KPP)**

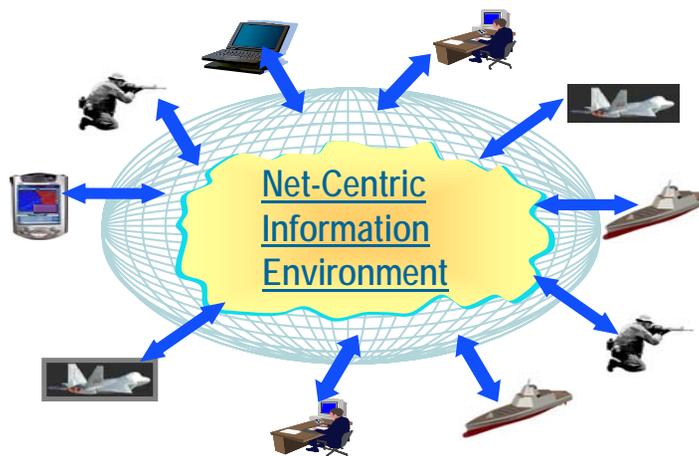


Net-Ready KPP (6212.01C)	Threshold	Objective
All activity interfaces, services, policy-enforcement controls, and data-sharing of the <b>NCOW-RM</b> and <b>GIG-KIPs</b> will be satisfied.	<b>100% of</b> Interfaces Services Policy-enforcement controls Data correctness	<b>100% of</b> Interfaces Services Policy-enforcement controls Data correctness

# CJCSI 6212.01D NR-KPP (Mar 2006)

Focus on operationalizing & aligning with NR-KPP elements improving understandability and testability.

Net-Ready KPP	Threshold	Objective
<p>Net-Ready: The system must support Net-Centric military operations.</p>	<p>Must support execution of <b>joint critical operational activities</b></p> <p>Must satisfy technical requirements of the <b>NR-KPP elements</b>.</p>	<p>Must support execution of <b>all joint critical operational activities</b></p> <p>Must satisfy technical requirements of the <b>NR-KPP elements</b>.</p>



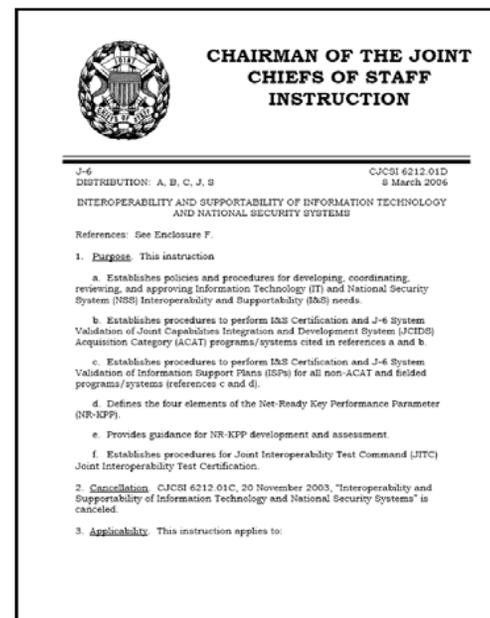
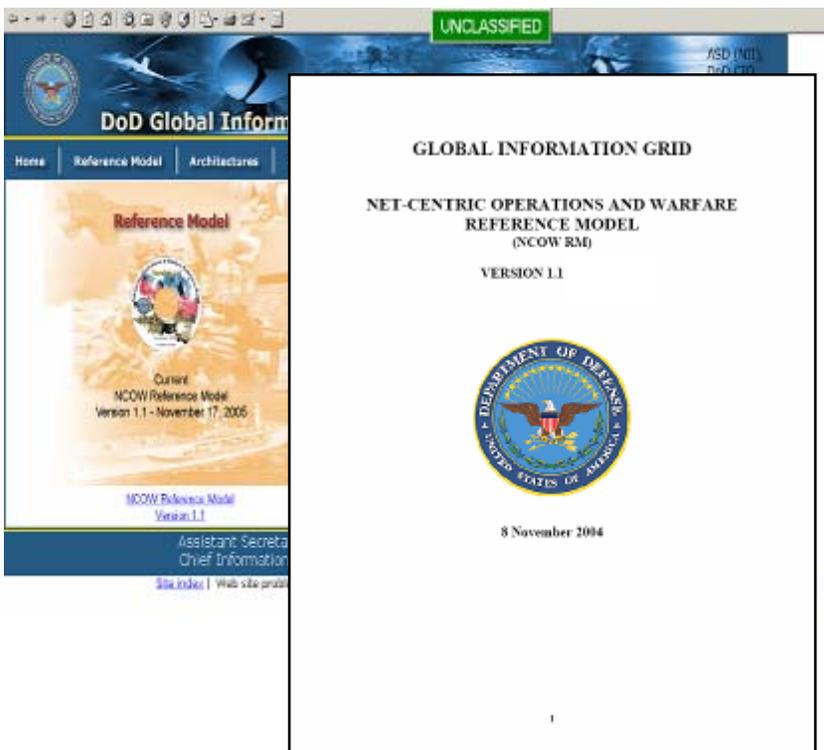
# Net-Centric Operations and Warfare Reference Model

## Net-Centricity Enabler:

- Net-Centric Operations and Warfare Reference Model (NR-KPP) – How to Build Guide (Building Code)

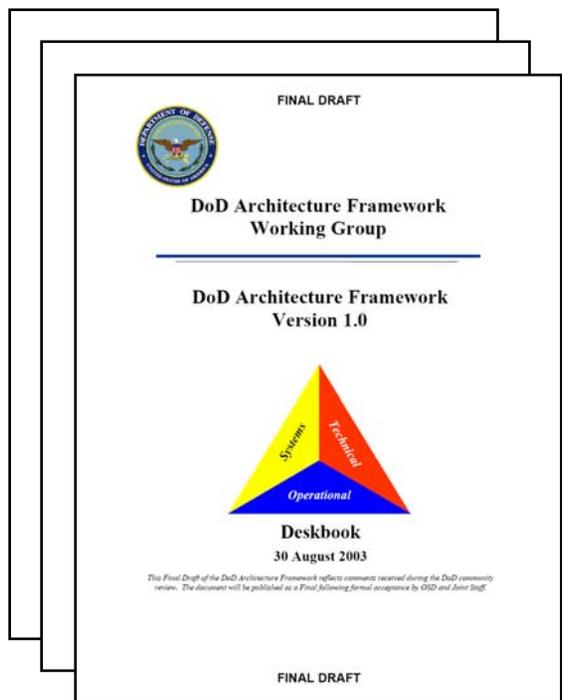
## Program Assistance:

- NCOW Reference Model Update (Nov 2005)
- Included Net-Centric Data Strategy in CJCSI 6212.01D (May 2006)
- Drafting CJCSI on Communities of Interest (COI) Governance



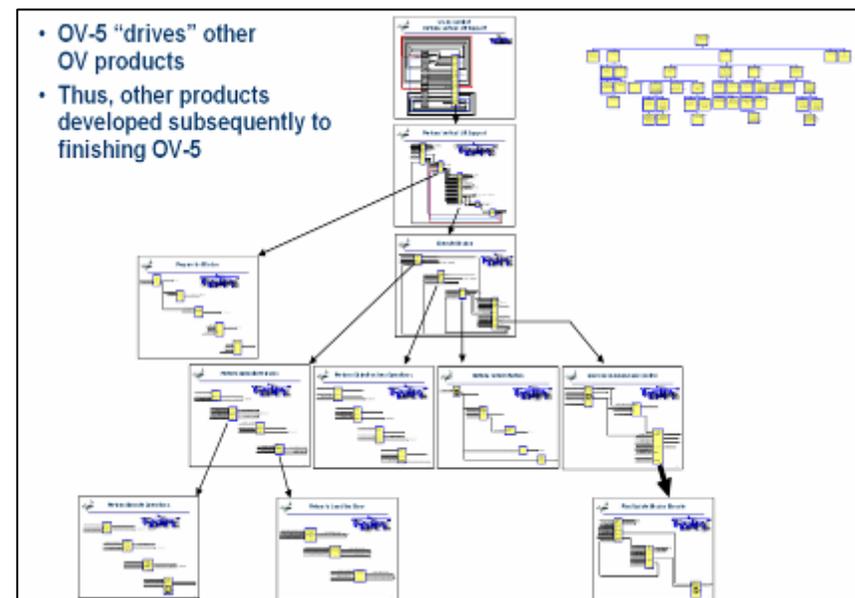
## Net-Centricity Enabler:

- Architecture Development
- Documents Capabilities and Interoperability Requirements



## Program Assistance:

- DOD Architecture Framework (DODAF)
- DODAF Working Group for Version 2.0
- Developing JCA based Warfighting Mission Area Enterprise Architecture







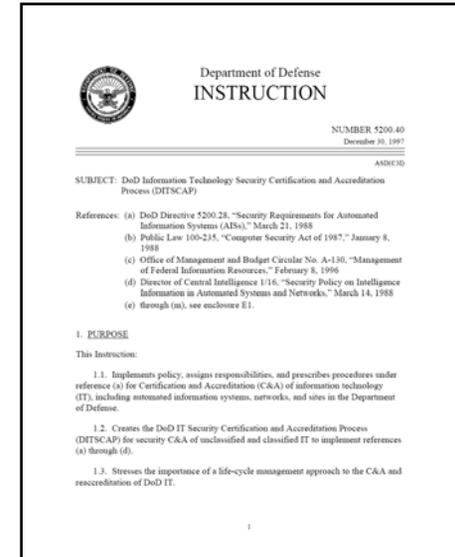
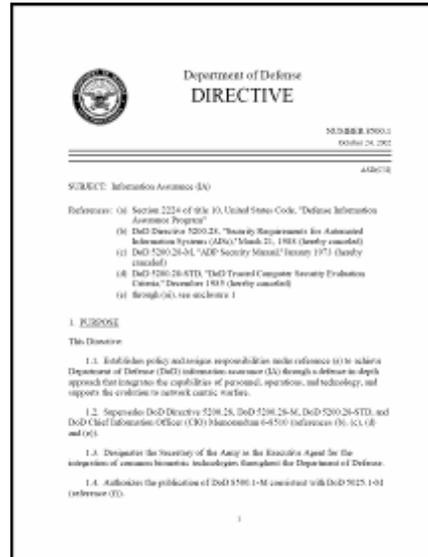
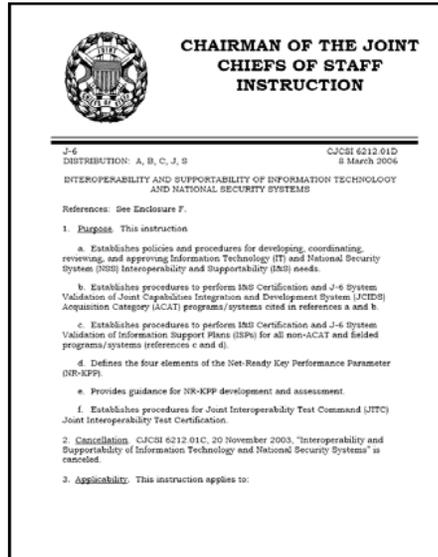
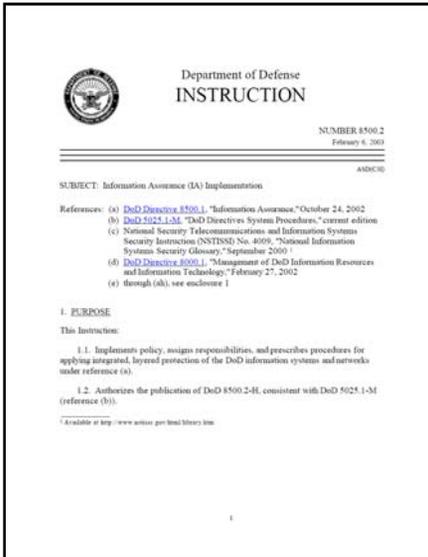
# Information Assurance

## Net-Centricity Enabler:

- Force Early Compliance Strategy of Information Assurance Requirements

## Program Assistance:

- Refined guidance in CJCSI 6212.01D (Mar 2006)





# *Conclusion*

