



# ***United States Strategic Command***

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UNCLASSIFIED

Overall Briefing Classification



## *Purpose*

**To provide a general overview of USSTRATCOM warfighter needs, the Command mission and where it is going, and examples of the S&T efforts to support this**



## *USSTRATCOM Mission*

“Provide the nation with **global deterrence** capabilities and synchronized DoD effects to combat adversary weapons of mass destruction worldwide. **Enable** decisive **global** kinetic and non-kinetic combat **effects** through the application and advocacy of integrated ISR, space and global strike operations, information operations, integrated missile defense and robust command and control.”

Provide Global Capabilities to Geographic COCOMS



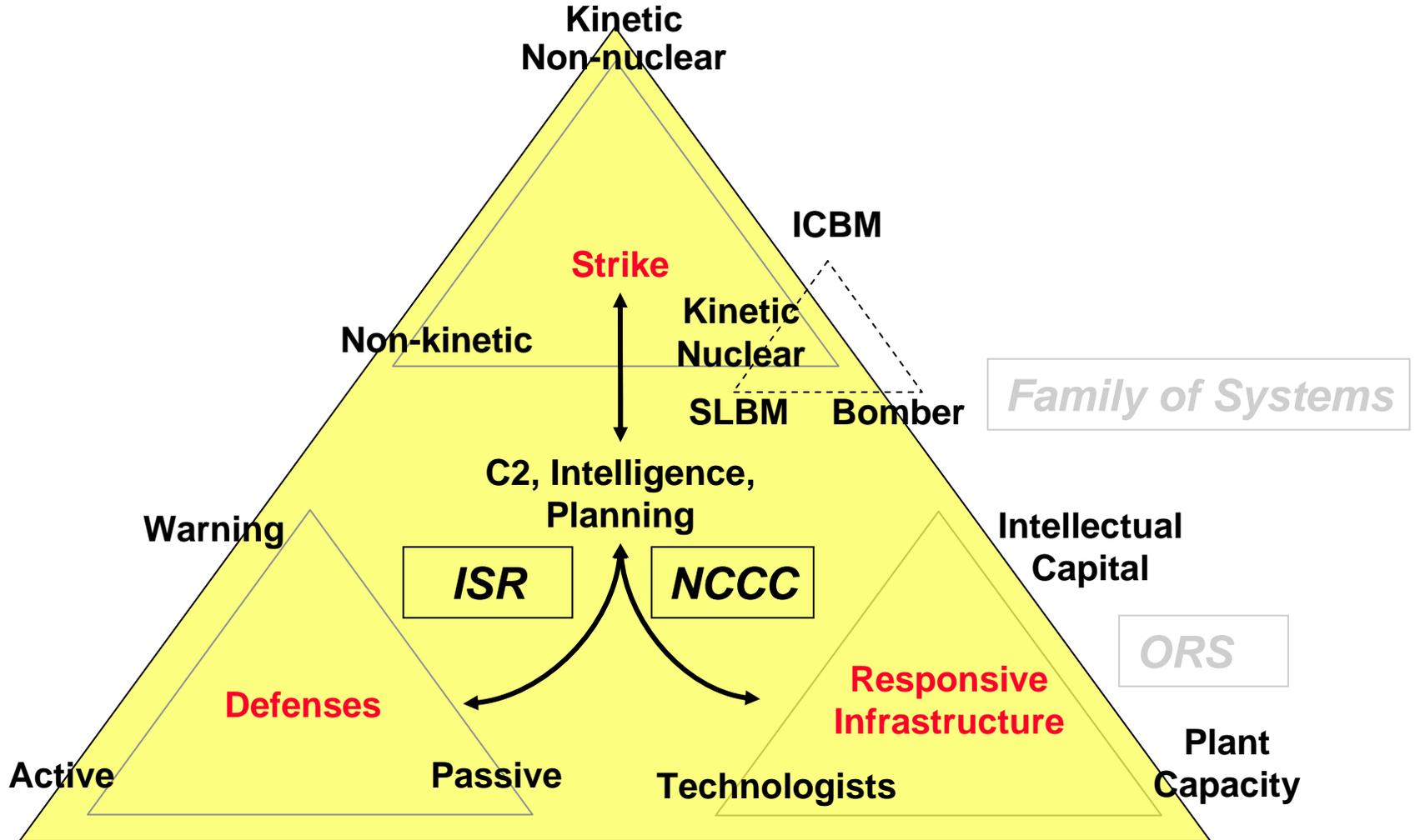
# CDR USSTRATCOM Highest Priority

*“My highest priority is to accelerate our transformation to a net-centric force. Virtually every current DoD mission would benefit from a net-centric approach and all of our future major mission capabilities are being designed and built on the promise of net-centricity. The Department can increase the pace of delivering the fundamentals (e.g., governance, data standards, system engineering, and architecture) necessary to enable ubiquitous, secure, and trusted information access. We require a Service Oriented Architecture, a data strategy, and a secure transport network unrestricted by bandwidth or application to achieve the advantages of a net-centric approach”*

**Maneuver within the enemy’s decision cycle**



# C2, Intelligence and Planning



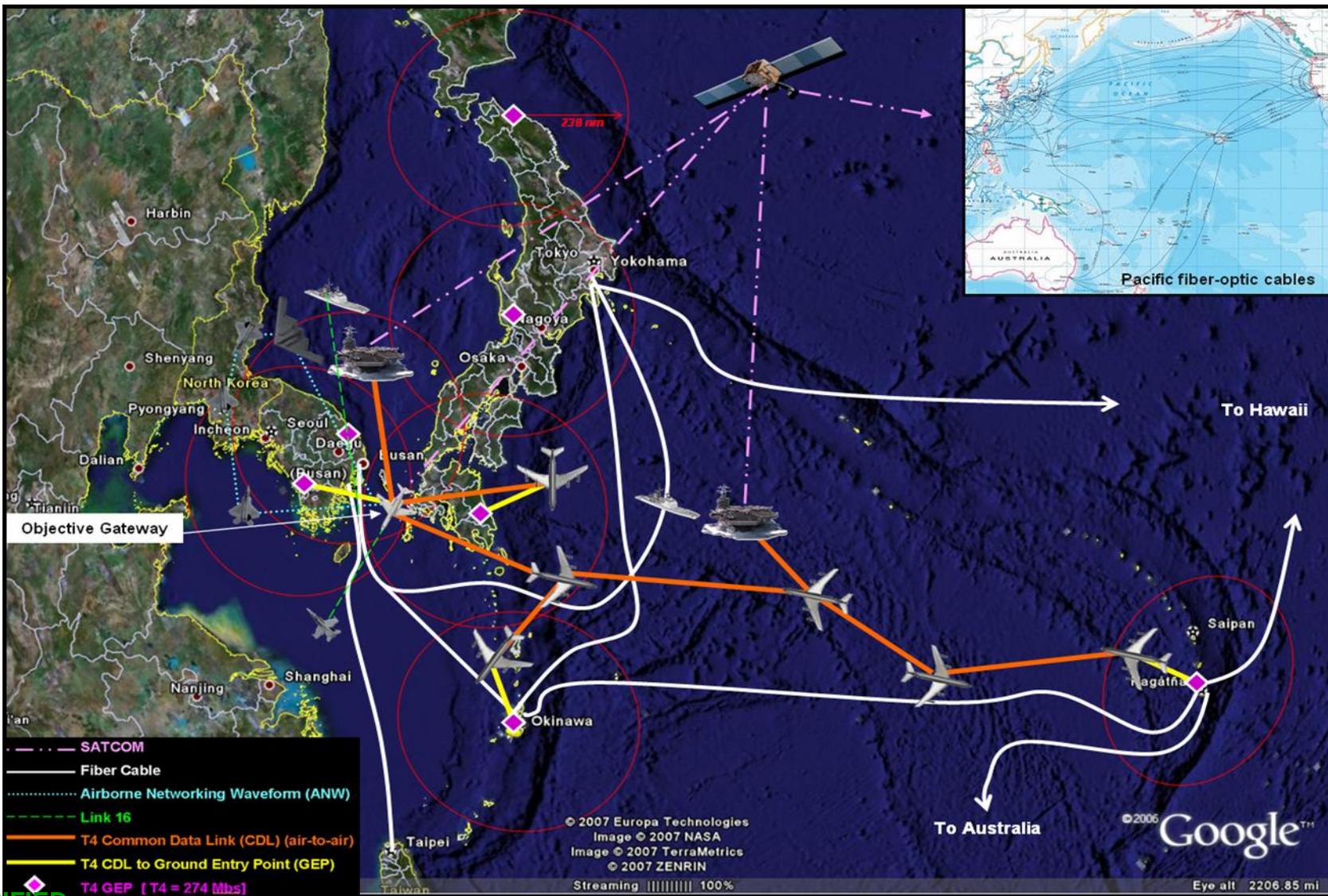


# Integrated Missile Defense





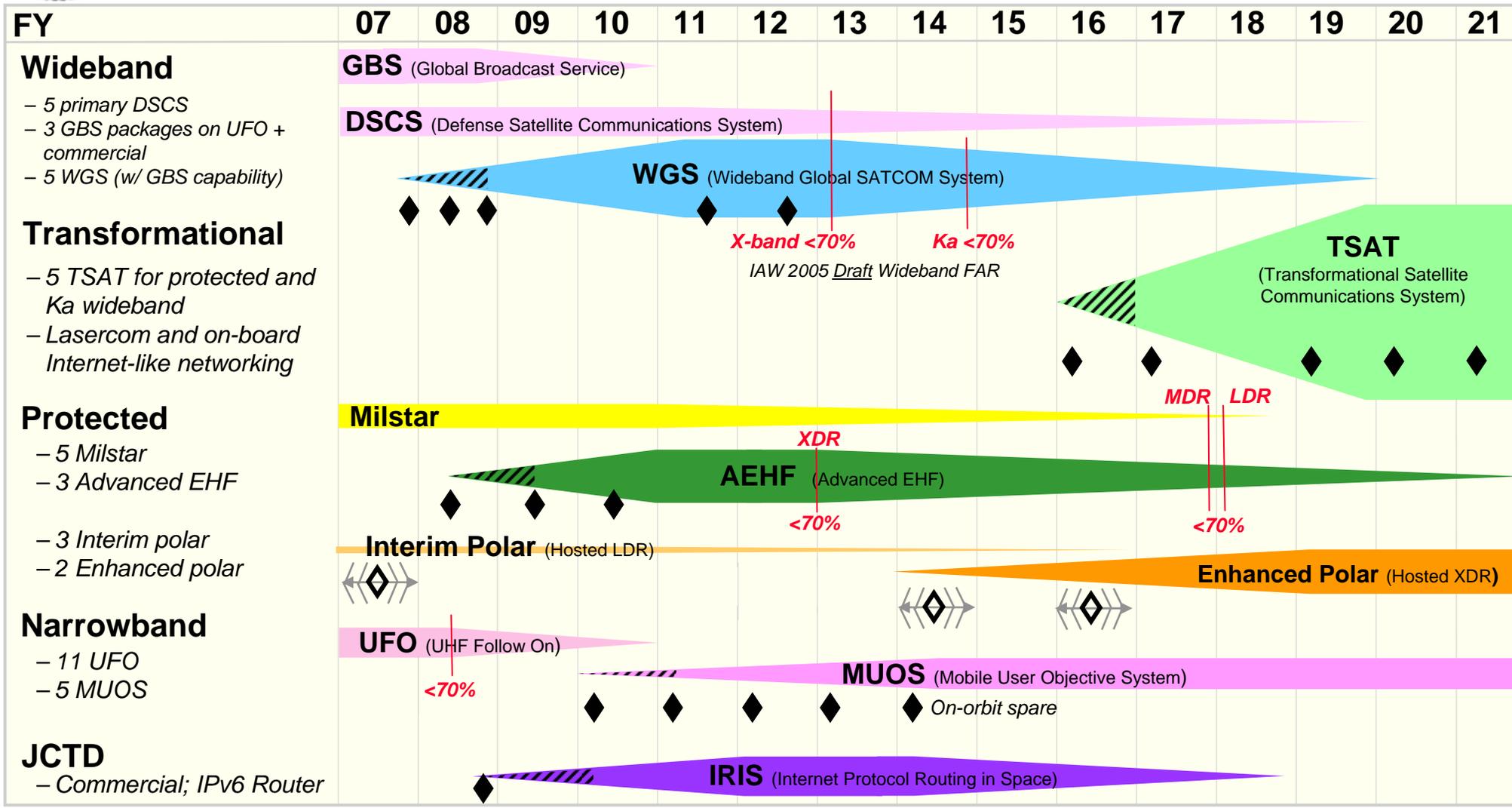
# Communications Pathways





# MILSATCOM Overview System of Systems Schedule

As of: 23 May 07



X-band <70%  
Ka <70%  
IAW 2005 Draft Wideband FAR

MDR LDR

XDR  
AEHF (Advanced EHF)  
<70%

<70%

On-orbit spare

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Pre-Operational

Launch Available

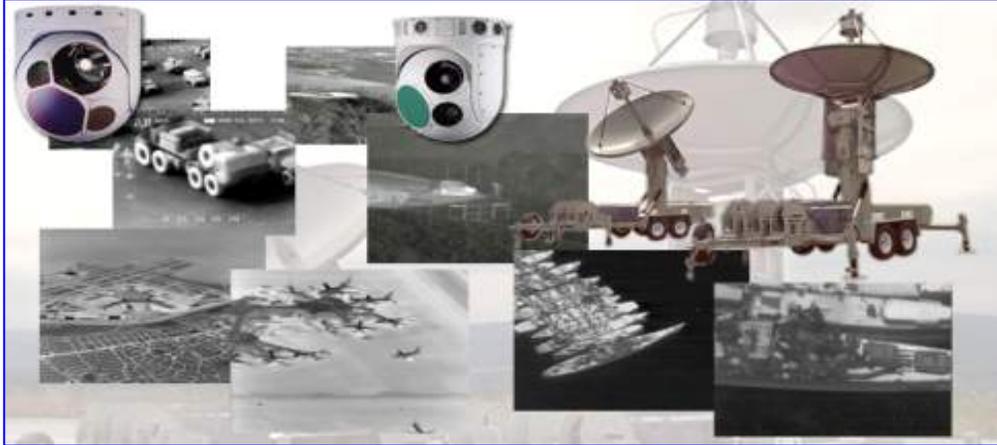
Constellation functional availability data taken from respective AFSPC Functional Availability Reports (FAR).

Bar thickness ~ indicates relative capacity (within, but not between, the 4 categories)



# XESSA – Data to the Net

## Add Intelligence Capabilities



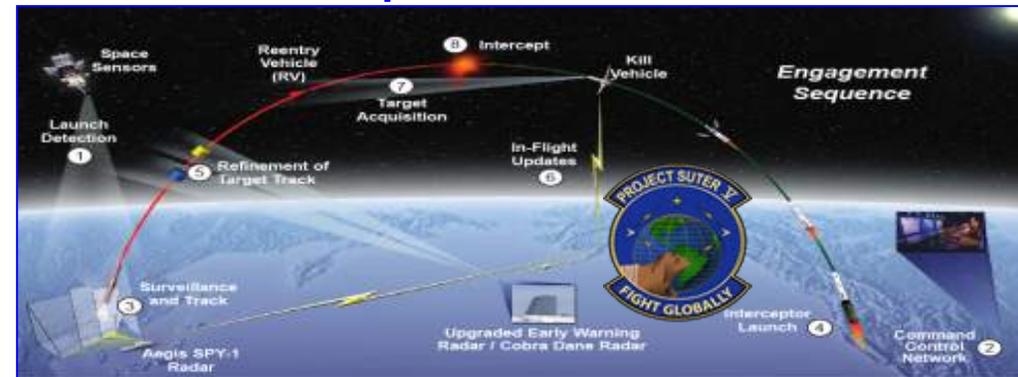
## Add Platforms and Sensors



## Pull Across Kill Chain

FIND	TARGET ID FIX	TRACK	TARGET	ENGAGE	ASSESS
			Sensor to weapon		
			Sensor to Shooter		
			Non Kinetic		

## Expand Missions

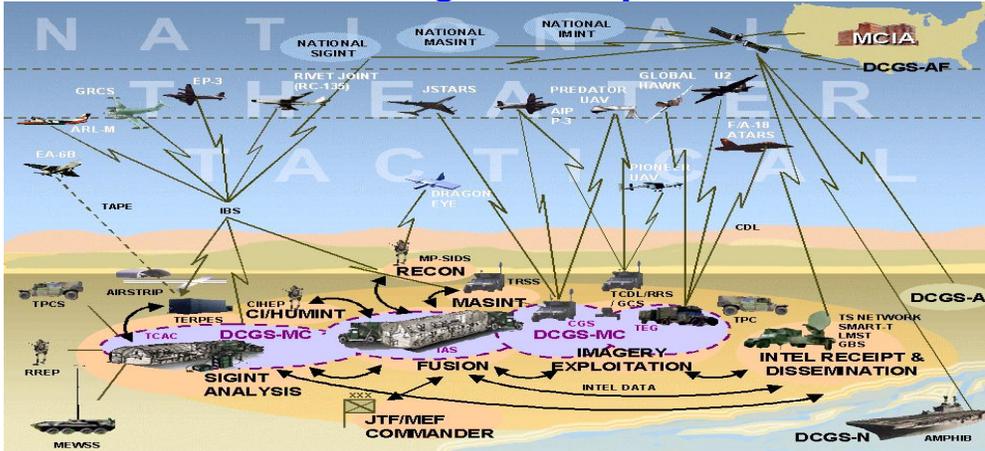


# Constructing a Capabilities-Based Network Roadmap

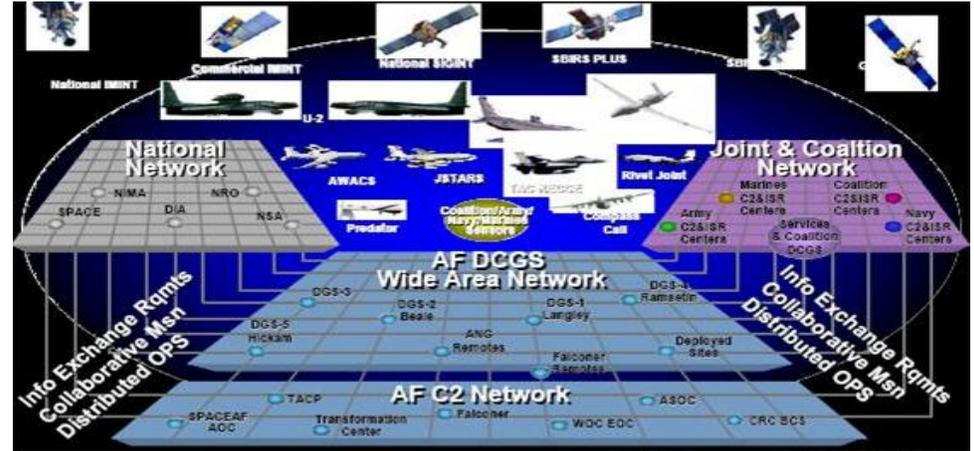


# DCGS Development Strategy

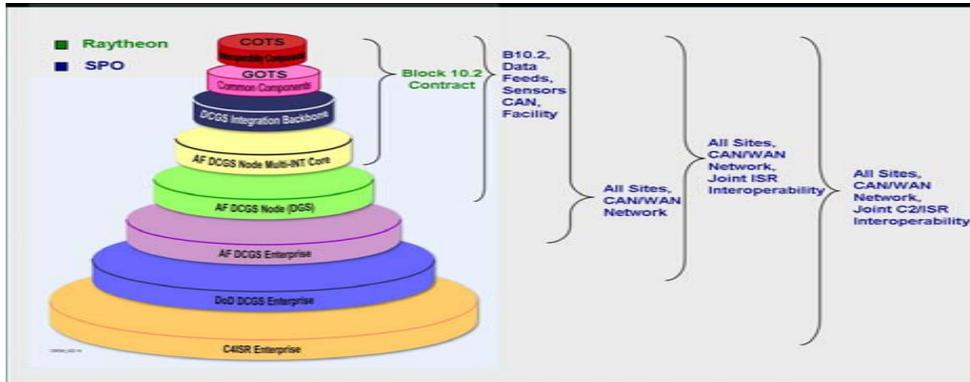
## Tactical Intelligence Capabilities



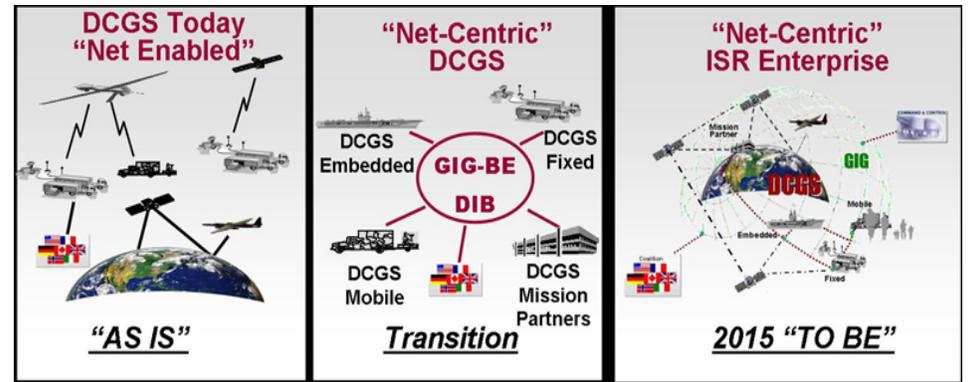
## Platforms and Sensors



## TPED Advancements



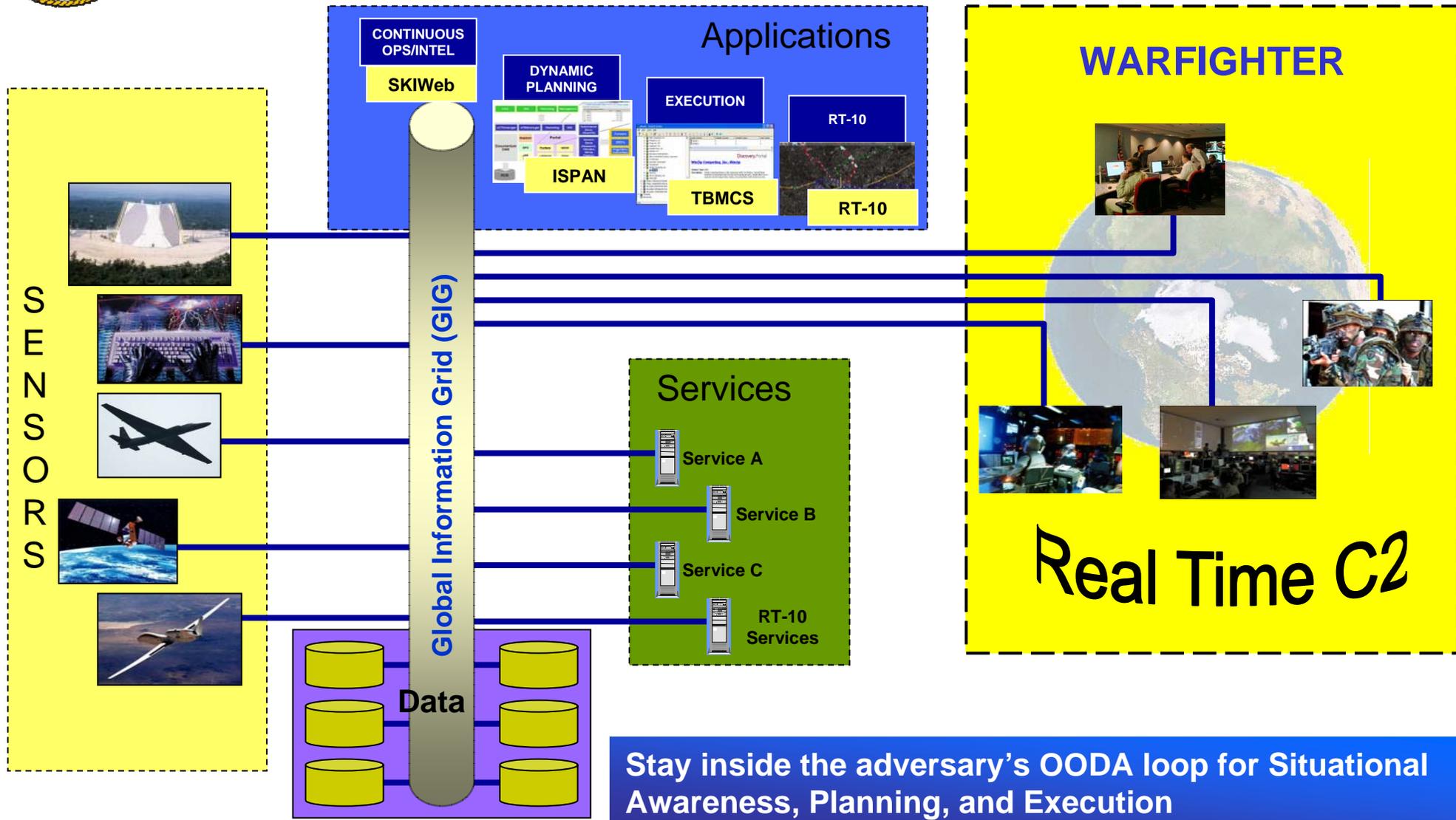
## Moving to Net-Centric



# Moving Towards a Net-Centric Tactical ISR Enterprise



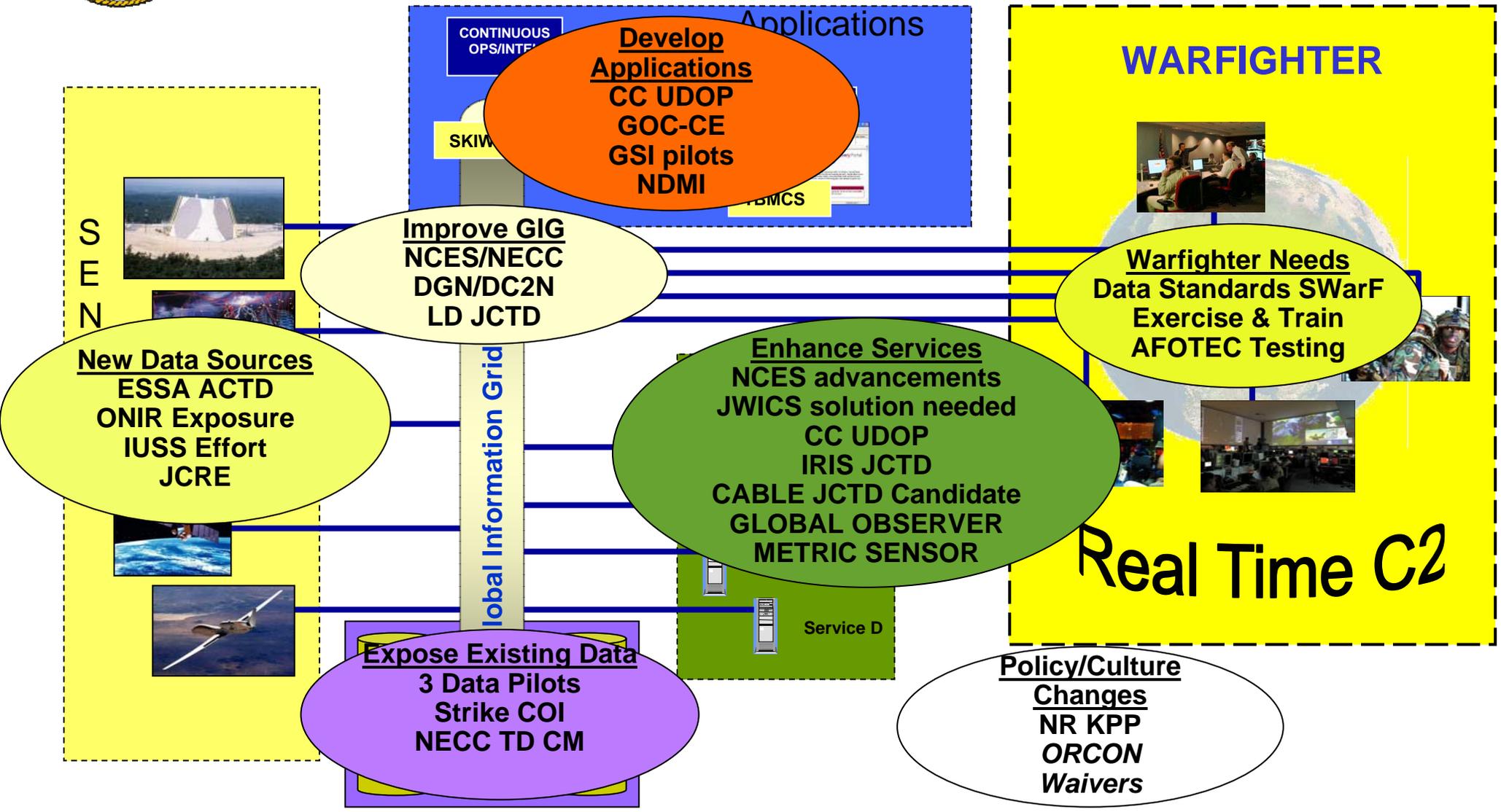
# C2 Vision



Stay inside the adversary's OODA loop for Situational Awareness, Planning, and Execution



# Aligning Efforts to Provide Information to the Warfighters





# USSTRATCOM Triad

**Prompt Global Strike**

Kinetic  
Non-nuclear

**Strike**

ICBM

Non-kinetic

Kinetic  
Nuclear

SLBM

Bomber

**Family of Systems**

C2, Intelligence,  
Planning

**Sensors**

Warning

**ISR**

**NCCC**

Intellectual  
Capital

**RRW**

**ORS**

**Shooters**

**Defenses**

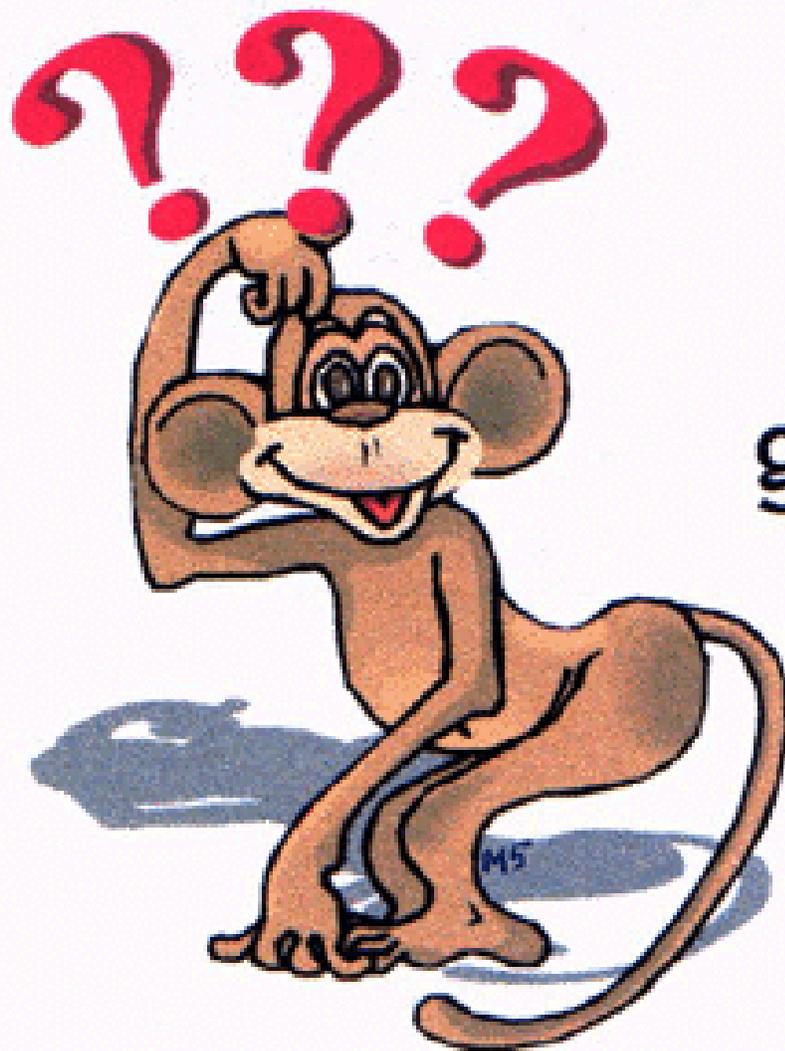
**Responsive  
Infrastructure**

Active

Passive

Technologists

Plant  
Capacity



Questions  
are  
guaranteed in  
life;  
Answers  
aren't.