



**NDIA 12<sup>th</sup> Annual  
Expeditionary Warfare Conference**  
*"Fighting Today ... and Preparing for Future Challenges"*

**A Campaign Quality, Expeditionary  
Army for 21<sup>st</sup> Century Full Spectrum  
Operations**

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# Bottom Line Up Front

## Decades of persistent conflict:

***"We will be unlikely to predict the time, location or the scope of coming conflicts, and looking back over history, the one thing we know when it comes to predicting the future is that we usually get it wrong," he said. "The Army has a vision to build those forces and we're already executing it. We intend to transform the current force into a campaign-quality, expeditionary Army capable of supporting our commanders across the spectrum of conflict of the 21st century. We're about half-way there in completing the transformation of our force."***



**CSA GEN George Casey**

**Army Future Force =  
(Campaign + Expeditionary) x Joint\***

**Joint = Service + Inter-Agency + Multi-National  
Interdependencies + Industry Support**



# Agenda

## ***A Campaign Quality, Expeditionary Army for 21st Century Full Spectrum Operations***

- **Strategic Context**
- **Conceptual Underpinnings**
- **Transformation Update**
- **What's the Big Idea?**

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# Agenda

## ***A Campaign Quality, Expeditionary Army for 21st Century Full Spectrum Operations***

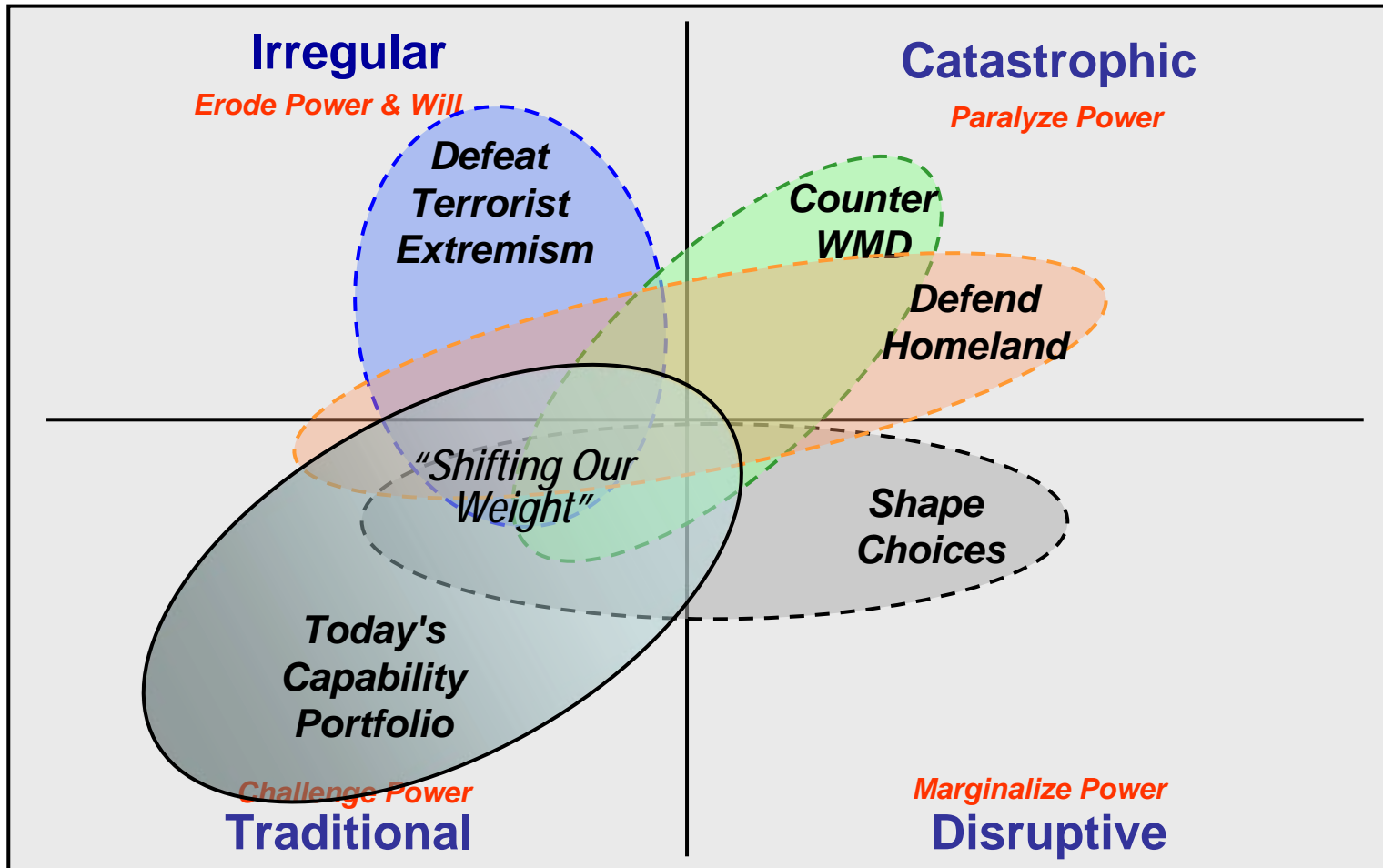
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# Strategic Context: Re-balancing Future Force Capabilities



To better address challenges across the spectrum



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# The Army in Joint Operations: Seven Key Ideas

**Operational Maneuver from Strategic Distances**

**Network-Enabled Battle Command**

**Concurrent and Subsequent Stability Operations**

**Intratheater Operational Maneuver**

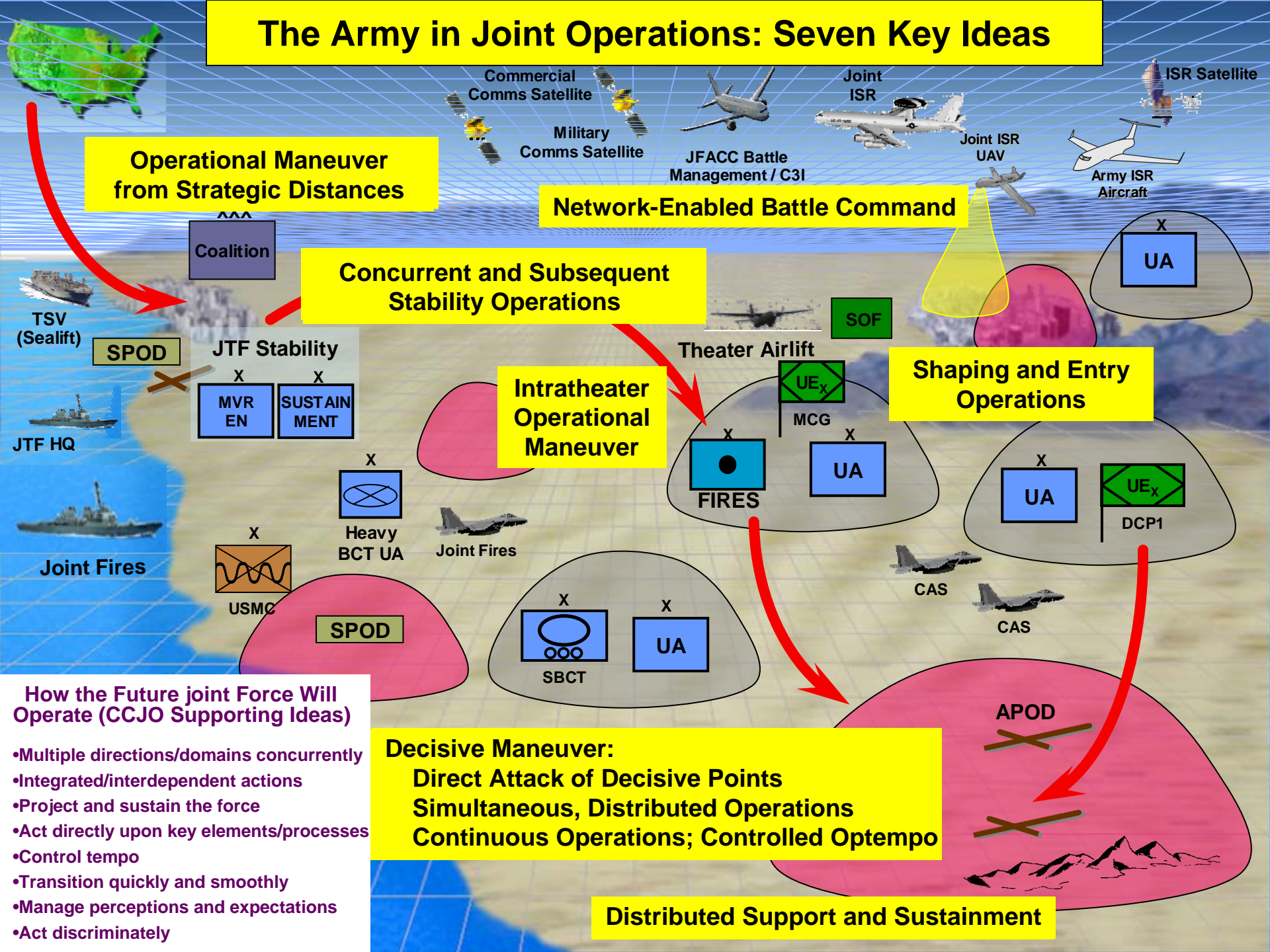
**Shaping and Entry Operations**

**Decisive Maneuver:  
Direct Attack of Decisive Points  
Simultaneous, Distributed Operations  
Continuous Operations; Controlled Optempo**

**Distributed Support and Sustainment**

## How the Future joint Force Will Operate (CCJO Supporting Ideas)

- Multiple directions/domains concurrently
- Integrated/interdependent actions
- Project and sustain the force
- Act directly upon key elements/processes
- Control tempo
- Transition quickly and smoothly
- Manage perceptions and expectations
- Act discriminately



The keystone to Army transformation is *Distributed Operations*

Why?





# Why Distributed Operations? The Nature of Our Enemies

## Our enemies won't mass



William Glaser, US Army

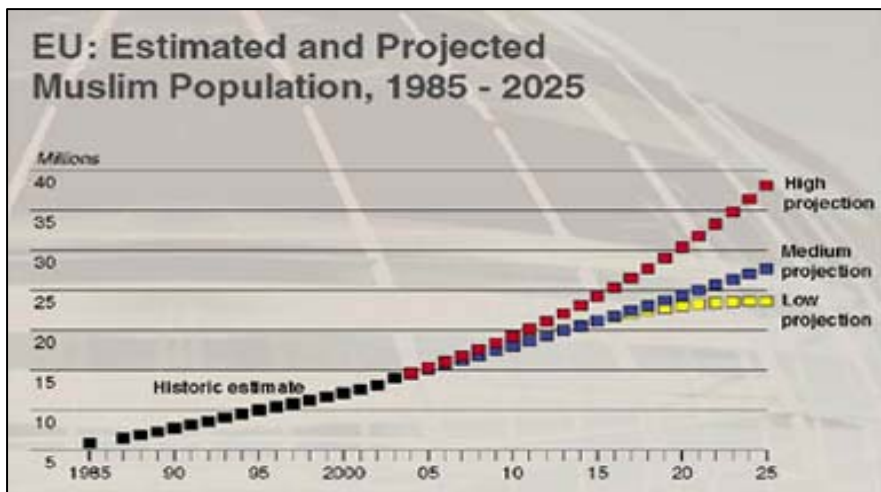
A Campaign Quality, Expeditionary Army for 21st Century Full Spectrum Operations



# Why Distributed Operations? The Nature of Our Enemies

## Demographics are against us

- Unfavorable projections
  - Low population replacement rates threaten First world nation states ... situation worsened by open immigration of inassimilable minorities
  - In 100 years, Muslims have duplicated the tenfold growth Europe experienced between 1500-1900
- Unfavorable cost ratio ... in blood and treasure



...the use of systems disruption as a method of strategic warfare has the potential to cast the United States in the role that the Soviet Union held during the 1980s—a country driven to bankruptcy by a foe it couldn't compete with economically. We are staring at a future where defeat isn't experienced all at once, but through an inevitable withering away of military, economic, and political power ...

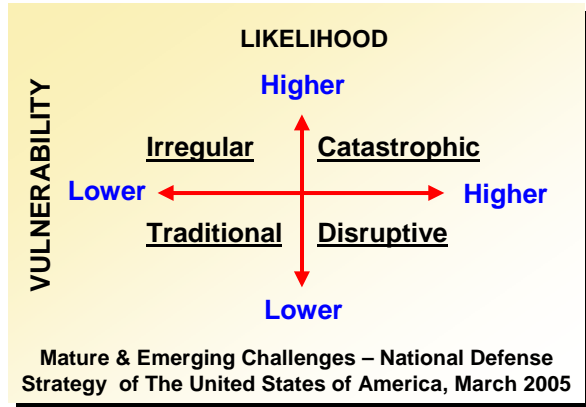
*John Robb, Brave New War*





# Who We Will Likely Face

Adversaries who have “gone to school” on U.S. operations



## THREATS WILL SEEK:

- Strategic Preclusion -- Deter US involvement
- Operational Exclusion -- Isolate US from support or allies
- Tactical Access Denial -- Contest entry operations



*Why Distributed Operations?*

# The Nature of the Operational Environment

**The enemy gets to pick the battlefield**

**Operationally / tactically ...**







## *Why Distributed Operations?*

# The Nature of the Operational Environment

**The enemy gets to pick the battlefield**

**... and Strategically**

- **Prefers to draw us into prolonged engagements**
  - Saps military capability and national will
  - Gains favor from “others” who are glad we’re tied town
- **US center of gravity is its economy**

**There is little that an adversary can do to erode US military capabilities or political will unless the United States engages on the enemies terms.**

*– Barry Posen*



# Operational Maneuver From Strategic Distances

## The Nature of the Operational Environment

### We've moved!

Cold War High 50,000  
Now 20,000



Cold War High 199,000  
Now 40,000

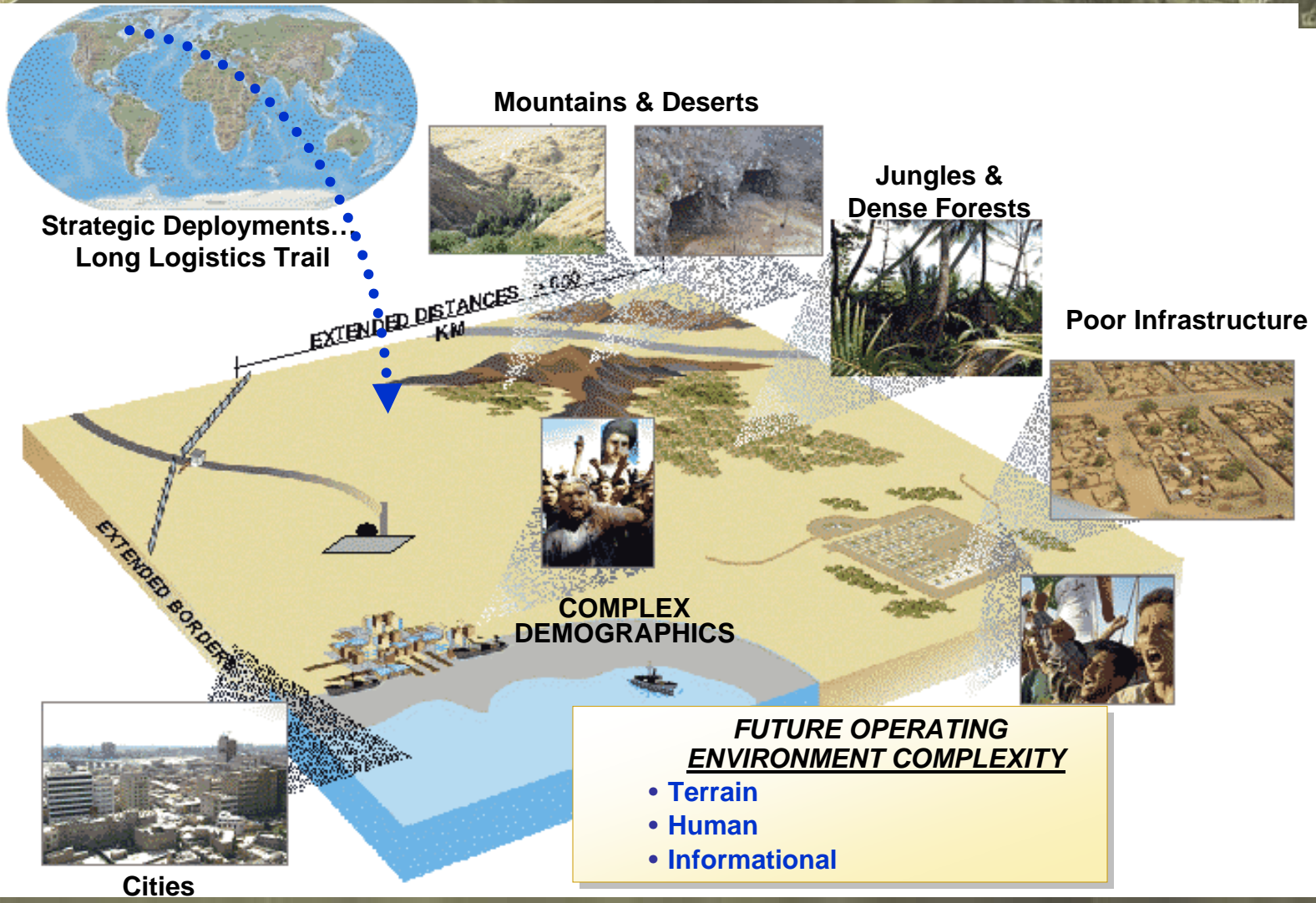


**Integrated Global Presence and Basing Strategy (IGPBS) = CONUS based Army**

A Campaign Quality, Expeditionary Army for 21st Century Full Spectrum Operations



# Where We Will Likely Operate



A Campaign Quality, Expeditionary Army for 21st Century Full Spectrum Operations





# The World Has Changed

**Overarching US-USSR global struggle**  
**Direct threat US survival, primacy**  
**US-Soviet military conflict unlikely**



**No overarching issue, single focus**  
**Multiple, complex threats and challenges**  
**Many possible combat contingencies**

## COLD WAR IMPERATIVES

- Operational maneuver to 50km/day
- Linear maneuver
- Sequential
- Enemy engaged by direct observation
- Seize point objectives
- Hours, days to operational pause
- Kill tanks
- Suppress area with fire
- Open maneuver
- Pass through mounted
- Protect from tanks
- Infrastructure to support mass
- Secure LOC with movement

## POST COLD WAR IMPERATIVES

- Operational maneuver to 400km/day
- Distributed operations
- Simultaneous
- Enemy engaged “Over the Hill”
- Control area; populations
- Sustained presence
- Kill infantry
- Discrete, Precise killing
- Maneuver in close, complex terrain
- Get infantry close
- Protect from ATGMs
- Operational Maneuver without
- Reduce, eliminate LOC



The keystone to Army transformation is *Distributed Operations*

Why?

**Because we have to!**



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# Army Transformation Update

## MATERIAL

Full Spectrum Operations



Stryker



Modular Force



Grow the Force



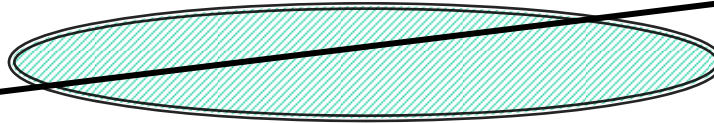
FCS



Operational Maneuver



Current Force



Future Force

Integrated Global Presence and Basing Strategy



Irregular Warfare



Force Protection



Human Dimension



Global Trends/Strategy



## NON-MATERIAL

A Campaign Quality, Expeditionary Army for 21st Century Full Spectrum Operations



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# Operational Maneuver Joint Heavy Lift

## Near-Revolutionary Effects

- Major leap beyond current FW and RW theater airlift
- Enables access with forces and stocks to any area within JOA
- There is nothing else like JHL out there, a true break-through



## Technically Feasible

- Manageable risk, with pay-offs that extend well beyond JHL
- Potential to revitalize a key S&T area
- Joint Technical Demo is the recommended pathway

## 8+ Years of Analysis

- Joint context, joint needs
- Experimentation, wargaming
- JHL JIPT technical studies
- Highlighted by DSB and ASB in multiple studies

## Joint Operational Significance

- Meets recognized, significant joint capability gaps
- Mitigates access challenges
- Relevant to entire ROMO and GWOT
- Theater distribution to point of need from land or sea
- Joint forcible entry with mounted forces
- Extends operational reach of seabasing and SOF



***Need is recognized***



***Strategic interest and momentum exist***



***Army is committed to lead to JPO***

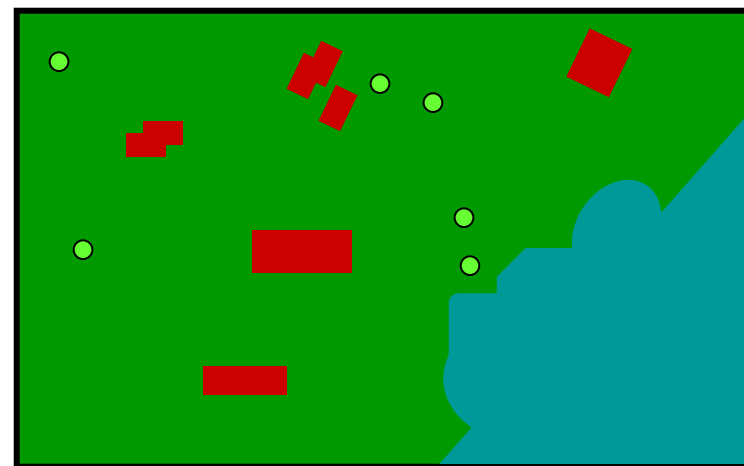
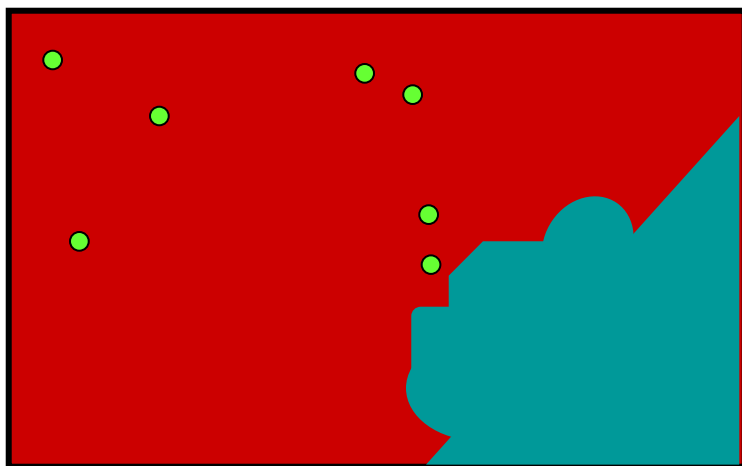


***Benefits will accrue to entire joint force***




# Vertical Maneuver Addresses the Assured Access Challenge

- Expansion of possible entry points beyond those accessible by current and programmed theater aircraft
- Runway and MOG independent
- Requires the enemy to cover more landing areas with forces, fires, ISR
- Reduced RSOI and rapid unload accelerates immediate employment off the ramp
- Increases force flow through increased access and simultaneity



 INACCESSIBLE

 C-17/C-130

 JHL



# Operational Maneuver Other Big Ideas

## Joint Seabasing



**Afloat Forward Staging  
Base  
(AFSB)\***



**Joint High Speed  
Vessel  
(JHSV)\***



**Austere Access  
Joint High Speed  
Sealift  
(JHSS)\***



**\* Conceptual drawings. Solutions to be determined.**



# Summary

## THREATS

- **Threat (mass) has decentralized**
  - Operationally and strategically
- **Threat (volume) has expanded ... full spectrum operations**
  - Providing persistent security just as important as projecting force
- **Our biggest strategic threats:**
  - Strategic exclusion
  - Strategic exhaustion

## RESPONSES

- **Smaller, plug-and-play units**
- **Shifting from mobility to maneuver, as required**
- **Enhanced training and education**
- **Strategy**







# JHL-HETR

*Comparison—JHL is a hybrid airplane, not a helicopter*

