

A large, light blue, semi-transparent world map is centered in the background of the slide, showing the continents of North America, South America, Europe, Africa, Asia, and Australia.

Support for Combatant and Coalition Commanders Today and in the Future

RDML Lawrence S. Rice
Director, J5

USJFCOM J5 Priority Of Work

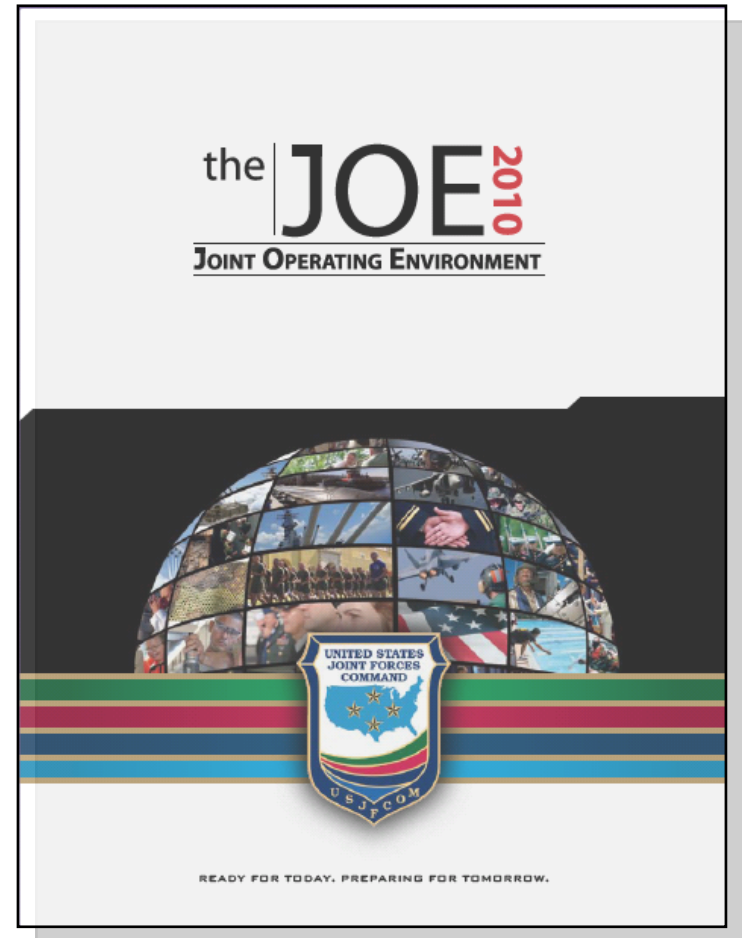
- **Continuously assess the “contexts for the future joint force”**
- **Shape national strategic documents to evolve the force**
- **Expand and enhance partnerships**
- **Integrate and synchronize command initiatives**

Articulate - Assess - Communicate – Integrate



The Joint Operating Environment (JOE)

- Provides context for the future joint force – the “demand signals” for Joint Concept Development and Experimentation
- Reviews the trends and disruptions that will create change
- Trends combine in different ways to form operational contexts that will frame future challenges
- Contexts lead to implications, or challenges for the joint force



We won't get it all right – but we can't afford to get it all wrong



Strategic Initiatives

- **Defend the US and Support Civil Authorities**
- **Succeed in the counterinsurgency, stability , and counterterrorism operations**
- **Build the security capacity of partner states**
- **Deter and defeat aggression in anti-access environments**
- **Prevent proliferation and counter WMD**
- **Operate effectively in Cyberspace**
- **Guide the Evolution of the Force**

2010 Quadrennial Defense Review



Challenges - Opportunities for Industry

- **Command and Control – agile, redundant, resilient**
- **Training – immersive trainer, models and simulations designed for small units**
- **Joint Military Education - develop complex decision making skills and cultural understanding**
- **Counter Anti-Access - precision weapons and counter precision weapons**
- **WMD proliferation - locate, tag, track, neutralize**
- **Enhance Domain Awareness – share information between partners; integrated, common picture**
- **Intelligence , Surveillance and Reconnaissance – persistent and distributive**

What will the future Joint Force need?





SUPREME ALLIED COMMANDER TRANSFORMATION



JOINT WARFIGHTING CONFERENCE

Supporting NATO's

Strategic Plans and Policy Development

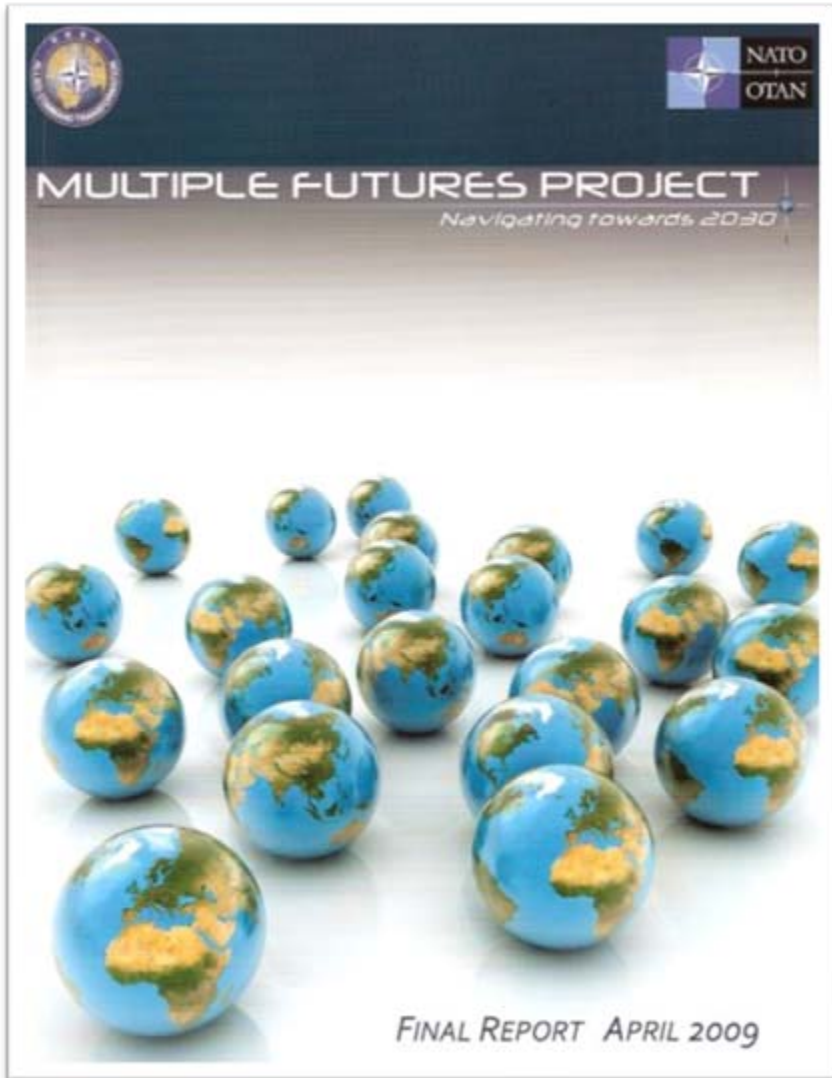


BRIGADIER-GENERAL JOSE FERNANDEZ DEMARIA, AIR
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Deputy Chief of Staff for Strategic Plans and Policy



Supporting the Strategic Dialogue



- ✦ SPP – Policy support , engagement and analysis activities
- ✦ Helping to build a shared understanding of the future security environment, its **SECURITY & MILITARY IMPLICATIONS**, and how, as an Alliance, to best prepare for it
- ✦ Sharing ideas and approaches with NATO nations in a mutually beneficial way



Multiple Futures Project



Using Findings & Recommendations to:

- ✦ Facilitate a Strategic Dialogue
 - ✦ Bringing together 28 national perspectives
- ✦ Provide a context to reduce Transformation Risk

Two main streams

- ✦ At the Political Military Level
Inform the development of a new Strategic Concept
- ✦ At the Strategic Military Level
Helping to define Issues of Increasing Importance



MFP BLACKBOARD DRIVERS OF CHANGE

Structural

- **Integration**
(Economic/Globalization)
- **Asymmetry**
(States/Political Entities)
- **Friction**
(Distribution of Power)

Long Term

- State Capacity
- Resources
(Allocation)
- Climate Change
- Use of Technology
- Demographics (incl migration, urbanisation)
- **Competing Ideologies & Worldviews**

FUTURES

Dark Side of Exclusivity

Deceptive Stability

Clash of Modernities

New Power Politics

STRATEGIC SURPRISE!

Risk Conditions, Threats

SECURITY IMPLICATIONS

33

4
INSIGHTS

Rethinking Article 5

External Engagement

Technological Vulnerability

Interaction & Strategic Communications

MILITARY IMPLICATIONS

26

7
FOCUS AREAS

Adapting to Demands of Hybrid Threats

Operating with Others Building Institutions

Conflict Management

Counter Proliferation

Expeditionary & Combat Capability in Austere Environs

Strat Comms & Battle of Narrative

Organisation & Force Development



Findings & Recommendations



Four Security Insights

Challenges to Strategic Unity, Solidarity & Common Understanding of an Article 5 Attack.

Need for External Engagement (creating opportunities to enhance security & stability)

Acknowledge The Character of Military Operations & Warfare

Make use of opportunities to Shape & Influence Ideas, Values and Events in Globalised World

Seven Military Focus Areas

Adapting to the Demands of Hybrid Threats

Operating with Others and Building Institutions

Conflict Prevention, Resolution and Consequence Management

Counter Proliferation

Expeditionary & Combat Capability in Austere Environments

Strategic Communications & Winning the Battle of the Narrative

Organisational & Force Development

- ✦ Areas of Increasing Importance
- ✦ Access to Global Commons
- ✦ Deter Modern Adversaries
- ✦ Working with Others



Beyond the New Strategic Concept



- ✦ NATO's Fundamental Security Tasks
- ✦ NATO's Engagements in an Era of Globalisation
- ✦ Partnerships, and beyond...
- ✦ Transformation: Structures, Forces & Capabilities
 - ✦ *Deterrence – across a spectrum of modern adversaries*
 - ✦ *Balancing efforts and resources – for ongoing operations & the future*
 - ✦ *Education & training – maneuverist approach in the 21st Century*
 - ✦ *Relevant interoperable capabilities – across real and virtual domains*
 - ✦ *Comprehensive Approach – to operations, shaping the security environment and building long-term common solutions*
 - ✦ *Priority Shortfall Areas – a roadmap for improved mission*



Opportunities for Industry

Priority Shortfall Areas



✦ SPP Work improves the view of the Future Strategic and Operational Environments to:

- ✦ Support policy development by identifying military implications that inform policymaker's choices; and
- ✦ Inform capability development areas needed to address military implications

✦ Some examples of current priority shortfalls:

- | | |
|---|--|
| ✦ <i>Network Enabling Capabilities: interoperability; information integration; education & training</i> | ✦ <i>Education & Training</i> |
| ✦ <i>Deployable C2</i> | ✦ <i>Counter IED</i> |
| ✦ <i>Computer Network Defence</i> | ✦ <i>WMD, CBRN Engagement and Protection</i> |
| ✦ <i>JISR Dissemination & Intelligence Sharing</i> | ✦ <i>Air Defence</i> |
| | ✦ <i>Strategic Lift</i> |



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