



*US Joint Forces
Command
Approach to
Interoperability and
Integration*

*Maj Gen Dan Dick
Director for Requirements and Integration,
U.S. Joint Forces Command*

DoD Top Ten Priorities

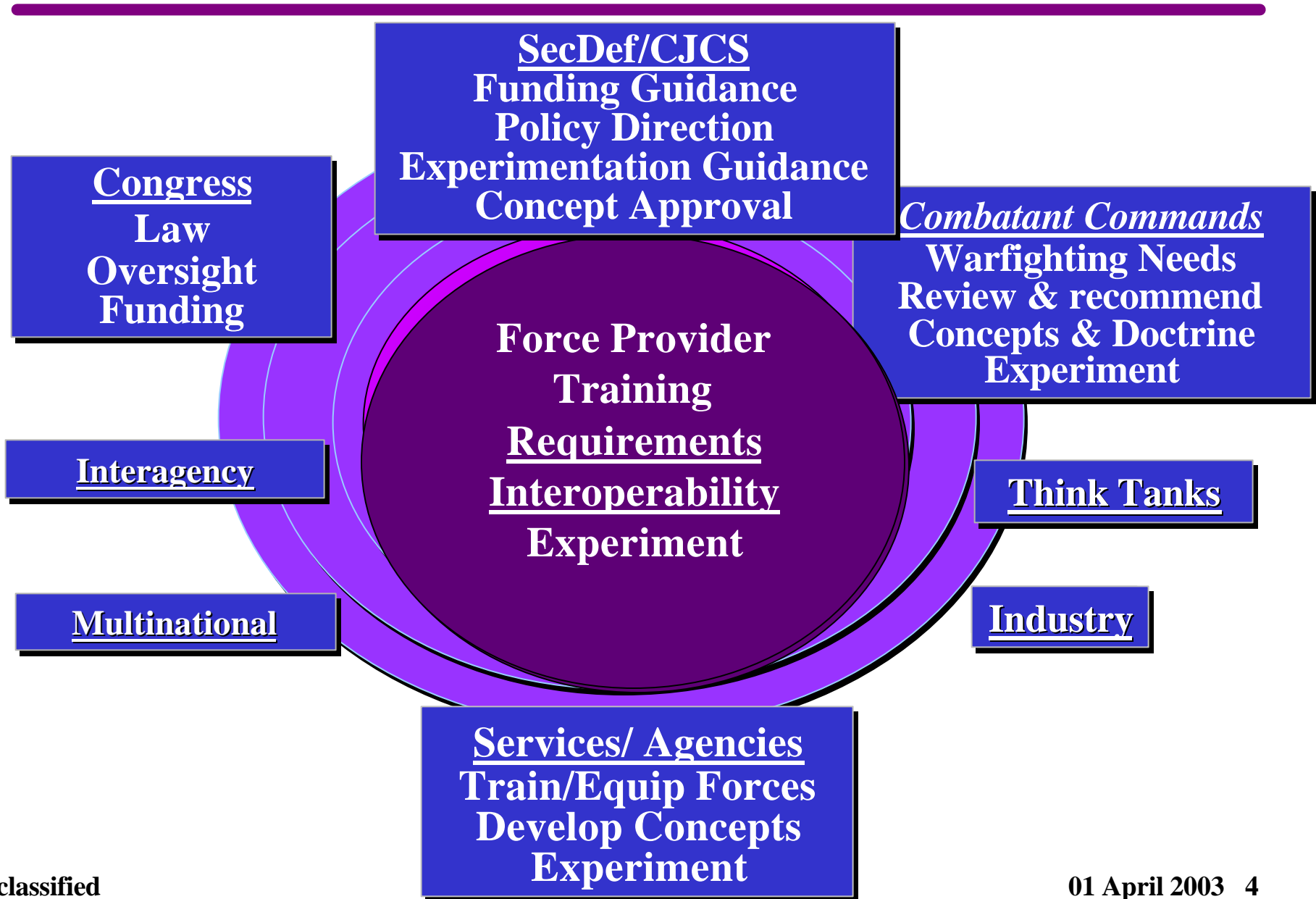
(FY03)

- **Successfully Pursue the Global War on Terrorism**
- **Strengthen Joint Warfighting Capabilities**
- **Transform the Joint Force**
- **Optimize Intelligence Capabilities**
- **Improve Force Manning**
- **New Concepts of Global Engagement**
- **Counter Proliferation of WMD**
- **Homeland Security**
- **Streamline DoD Processes**
- **Improve Interagency Focus, Process and Integration**

USJFCOM MISSION

U.S. Joint Forces Command maximizes the Nation's future and present military capabilities by leading the transformation of joint forces, through *joint concept development and experimentation*, identifying *joint requirements*, advancing *interoperability*, conducting *joint training*, and *providing ready forces and capabilities* – all in support of the Combatant Commands.

Roles in Transformation



Guidance

- Unified Command Plan-02 assigned USJFCOM as the Joint Force Integrator and chief advocate for jointness, interoperability and integration
- Chairman, Joint Chiefs of Staff assigned USJFCOM chief advocate for assessing all Department of Defense requirement documents for interoperability and integration
- Department of Defense Directive 4630.5 and Department of Defense Instruction 4630.8 assigned USJFCOM responsibility to provide operationally prioritized and programmatically synchronized materiel and non-materiel recommendations for resolving Combatant Commander warfighting shortfalls
- Secretary of Defense directed expanded responsibilities for USJFCOM to improve the Department of Defense ability to field Joint Battle Management Command and Control capabilities (Jan 03 Management Initiative Decision 912)

USJFCOM is Growing

- **Joint National Training Capability (JNTC)**
- **Joint Battle Management Command & Control (JBMC2)**
- **Joint Interoperability and Integration (JI&I)**
- **Standing Joint Force Headquarters (SJFHQ)**
- **Joint Urban Operations (JUO)**
- **Joint Deployment Process Improvement (JDPI)**
- **Interoperability Technology Demonstration Center (ITDC)**

Achieving Future Interoperability... In Action

- **Engaging on the Front End....training the authors**
 - **Service level Information Exchange Requirements (IERs)**
and Key Performance Parameters (KPPs) development training
 - **Over 30 different Combatant Commands/Service/Agency**
- **Validated IERs and Interoperability KPPs**
 - **Review and confirm interoperability KPPs for all ORDs and CRDs**
 - **Over 600 department requirement documents reviewed**

Addressing Legacy Interoperability Integration

- **Identify, assess, and prioritize Combatant Commanders interoperability, integration and capability shortfalls**
- **Develop comprehensive Doctrinal, Organizational, Training, Materiel, Leadership, Personnel and Facilities (DOTMLPF) mission capability strategies**
- **Provide rapid fielding of mission capable solutions via USJFCOM Joint Interoperability and Integration (JI&I) transition funds - bridge Service, Agency Program Objective Memorandum (POM) cycles**

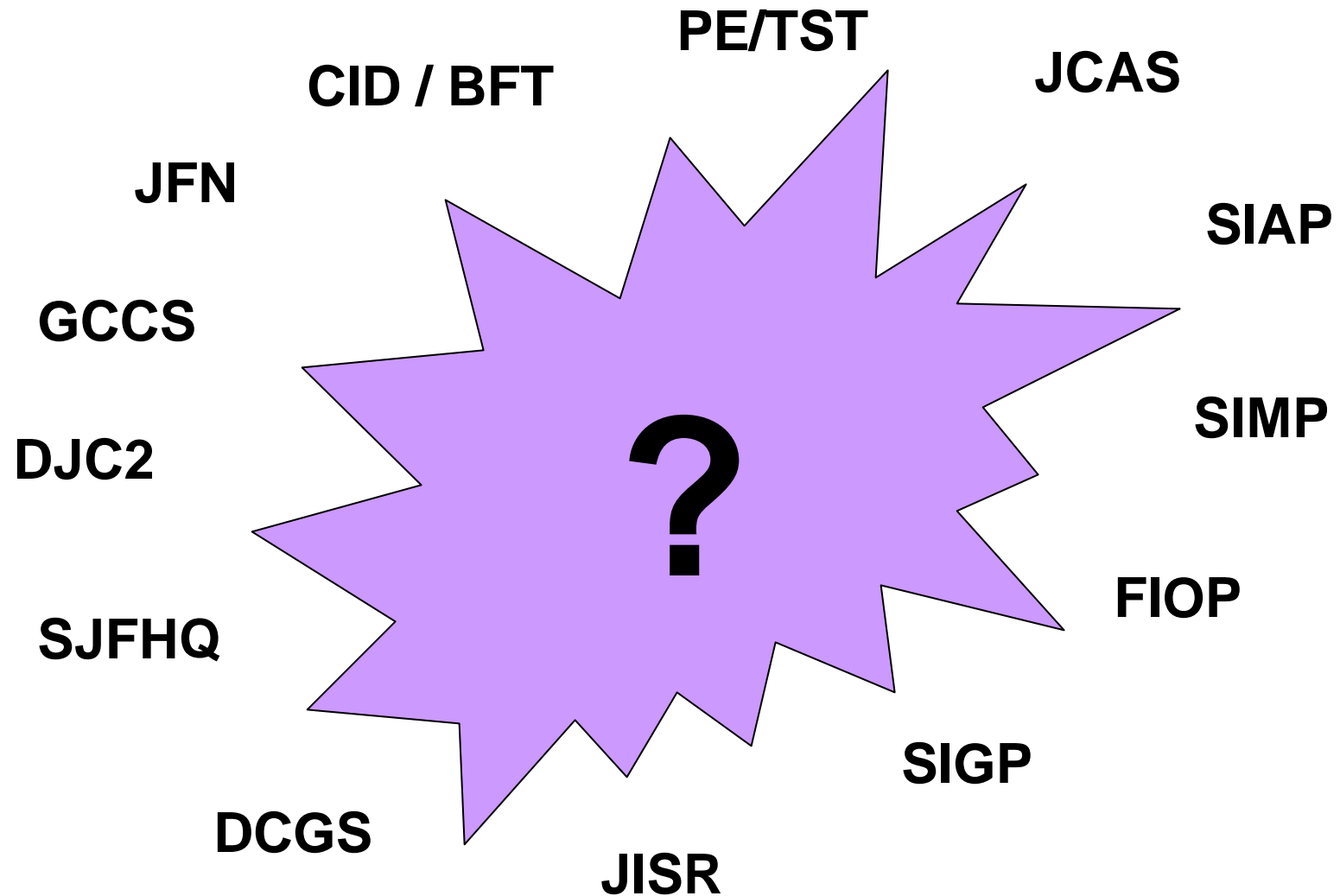
Strategic Partnerships

- **Combatant Commanders**
- **Joint Staff**
- **DUSD (AT&L)**
- **ASD (C3I)**
 - **Defense Information Systems Agency**
 - **Joint Interoperability Test Center**
- **Services**
 - **USMC: MCCDC, MARFORSYSCOM**
 - **USN: CFFC, NETWARCOM, SYSCOMs**
 - **USAF: ACC, XI, ESC Hanscom**
 - **USA: FORSCOM, TRADOC, CECOM**

Strategic Partnerships (cont)

- **Defense Agencies**
 - **National Reconnaissance Office**
 - **National Security Agency**
 - **Defense Intelligence Agency**
 - **National Imagery & Mapping Agency**
- **Organizations/Department Thrusts**
 - **Joint C4ISR Battle Center**
 - **Joint Warrior Interoperability Demonstration**
 - **Joint Test and Evaluation Program**
 - **Advanced Concept Technology Demonstrations**
 - **Joint / Service Concept Development & Experimentation**

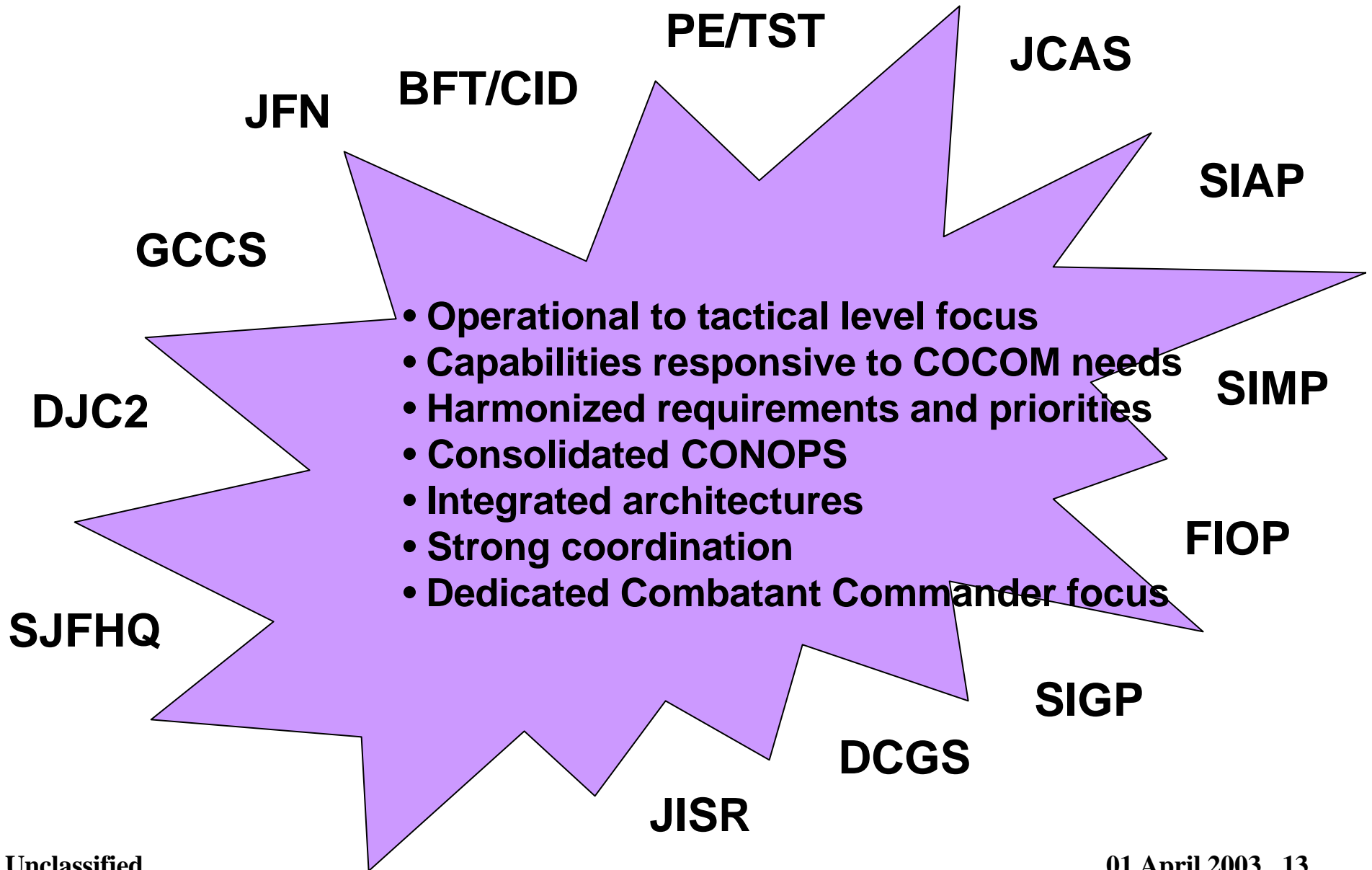
The Challenge



New approach to Joint Battle Management Command and Control (MID 912)

- **Strengthens department's fielding of JBMC2 capabilities by improving the department's ability to organize, train, and equip joint forces**
- **Expands USJFCOM role in establishing JBMC2 mission/capability area requirements and system-of-systems capability requirements**
 - **Joint influence (USJFCOM-led, in conjunction with Combatant Commanders, Services and Agencies)**
 - **System-of-systems engineering**
 - **Service / Agency implementation (sustain current acquisition life-cycle responsibilities)**
 - **Funding stability for Joint Battle Management Command and Control capabilities**

Management Initiative Decision 912 Provides



Initial Joint Battle
Management Command and Control Scope

- **Deployable Joint Command and Control FY03**
- **Single Integrated Air Picture FY03**
- **Family Interoperable Operational Pictures FY04**
- **Joint Fires Network FY03**

Future Candidate Joint Battle Management Command and Control Efforts

- **Single Integrated Ground Picture**
- **Single Integrated Maritime Picture**
- **Single Integrated Space Picture**
- **Precision Engagement/Time Sensitive Targeting**
- **Blue Force Tracking**

Challenges for Industry

- **Need non-proprietary solutions to solve warfighter's interoperability issues**
- **Emphasize capabilities-based spiral development processes**
- **Adhere to department standards and certification requirements to ensure joint interoperability and integration of capabilities**
- **Partnerships are important! (include small business)**
- **Deliver capabilities that are "born joint" – quicker**
- **Streamline process similar to limited objective experiments, incorporate more innovation and risk – be more agile**

Questions

