



Rapid Fielding

**- A topic of conversation for winning
the current and future fights-**

DDR&E/Dir of Rapid Fielding

Mr. Earl Wyatt

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Outline



- **Call for Rapid Fielding**
- **Initial Response**
- **Stakeholder Expectations**
- **Keys to Success**
- **Enabling Initiatives**



Rapid Fielding Directorate

A Call for Rapid Fielding

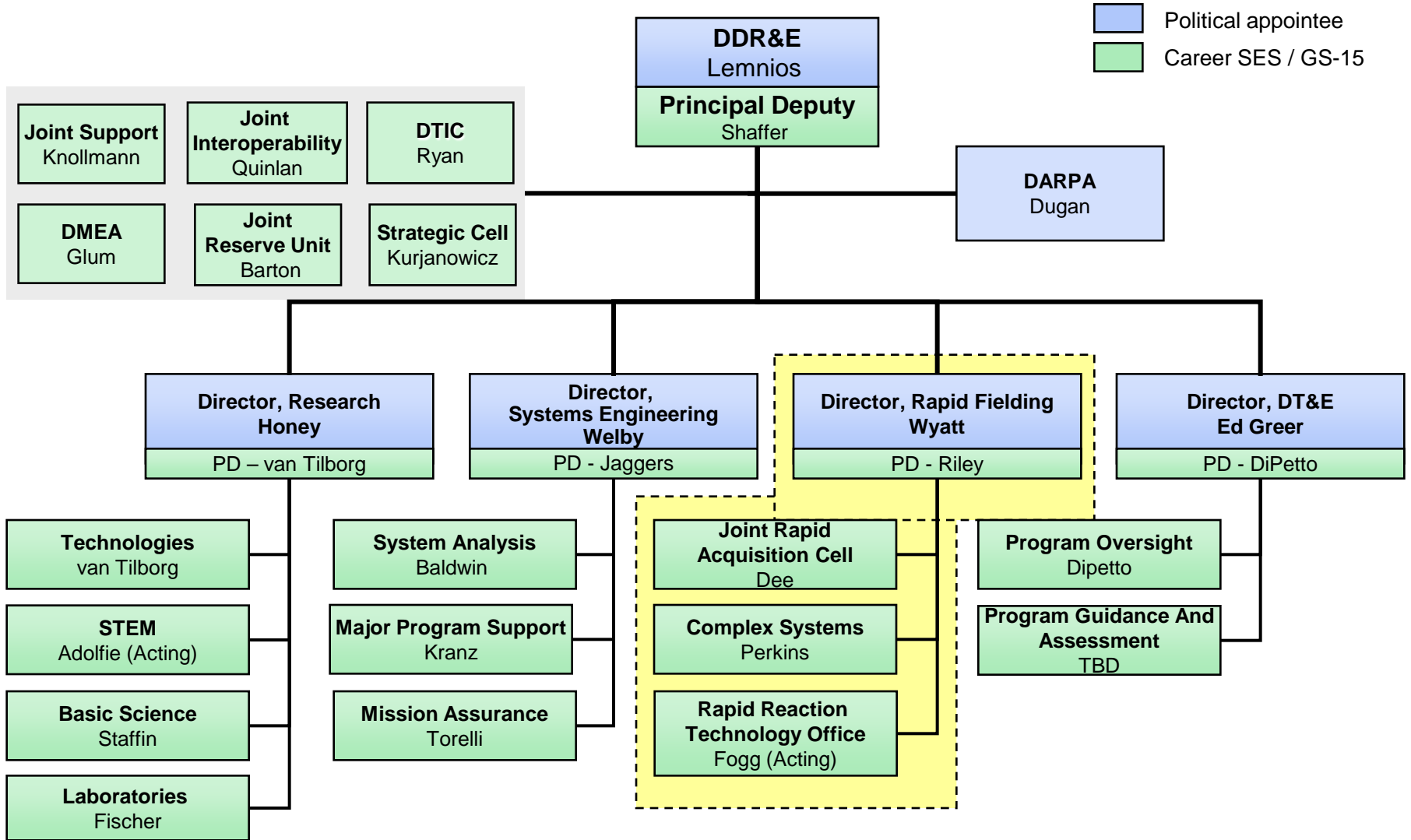


Quadrennial Defense Review (2010) – “... the Department needs a means to quickly prioritize and quantify requirements and to ensure that the resources are available to enable rapid fielding of capabilities inside of the Department's Planning Programming, Budgeting and Execution System (PPBES) cycle”

- **June 2009: “...Establish a new agency: the Rapid Acquisition and Fielding Agency (RAFA).”** Defense Science Board, *Fulfillment of Urgent Operational Needs*, June 2009
- **April 2009 – “...a standing rapid fielding organization would better enable DoD to meet urgent warfighter needs...”** -- Defense Science Board, *Creating a DoD Strategic Acquisition Platform*
- **September 2008: “...Establish a standing Rapid Capability Fielding Office (RFCO)** Defense Science Board, *Capability Surprise*,



DDR&E Organization





Rapid Fielding Directorate Components



**Director,
Rapid Fielding**
Wyatt
PD - Riley



Complex Systems
Perkins

- Demonstrate innovative concepts & technologies to address Combatant Commanders' and interagency most pressing needs
- Infuse new technology into Service and SOCOM programs of record



**Joint Rapid
Acquisition Cell**
Dee

- Facilitate meeting the joint urgent operational needs (JUONs) of the Combatant Commanders as validated by the Joint Staff.
- Serve as the point of contact on the OSD staff for tracking JUON resolution.



**Rapid Reaction
Technology Office**
Fogg (acting)

- Counter emerging and anticipated threats
- Biometrics and forensics coordination and information sharing
- Identify non-traditional sources for affordable, sustainable solutions

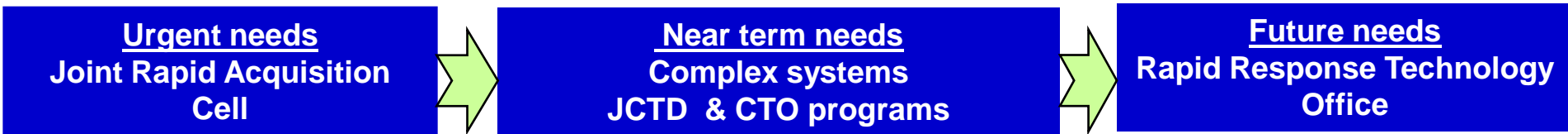


Rapid Fielding Directorate



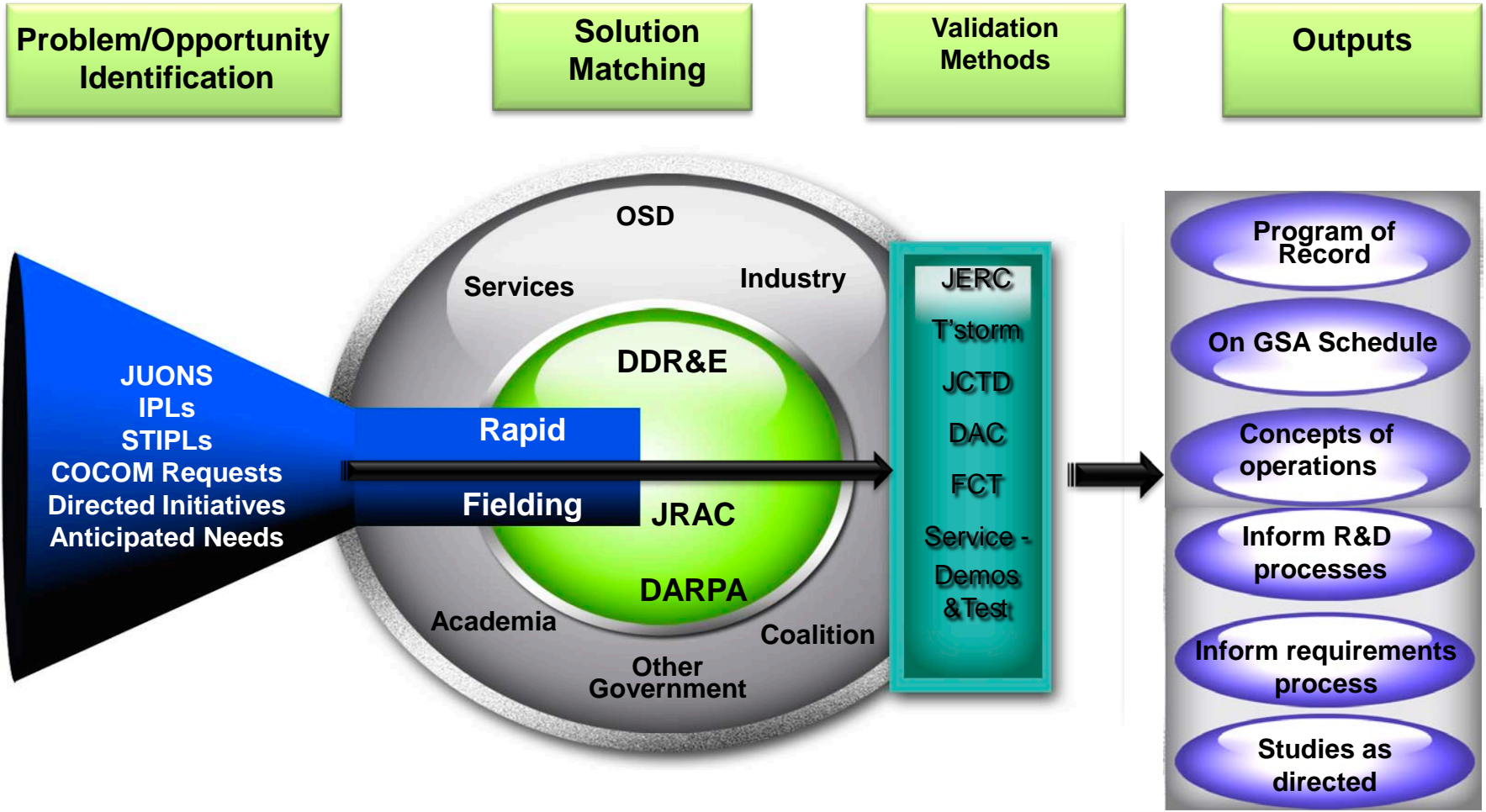
Identify and rapidly field innovative concepts that provide critical capabilities to address time-sensitive threats

- Engage the services, interagency and coalition partners, industry, and academia to facilitate the timely satisfaction of validated priority operational needs
- Enable rapid capability/technology transition within the Department through discovery and demonstration of advanced technology concepts
- Utilize non-traditional resources/performers to identify “leap ahead” capabilities





Operating Model





Rapid Fielding Directorate Stakeholders Expectations



HASC Panel of Defense Acquisition Reform: “...improving responsiveness of the core acquisition system, before creating a new organization for rapid acquisition, will help clarify what the true mission for such an organization might be.” *23 Mar 10*

Sec. Gates: “We must rapidly react to warfighting needs with new technology from commercial sources, prototyping or accelerated maturation of technology from the Science and Technology base.” *27 Jan 09*

Dr. Carter: “Rapid fielding requires rapid performance from the entire AQ team, including the test and evaluation community ... without delaying our response to these urgent requirements ...” *26 Mar 09*

Gen. Petraeus: “All of our processes have to be much more rapid and much more responsive to meet the needs of those who are down range, putting it all on the line for our country ...” *21 Jan 10*

Mr. Lemnios: “Rapid innovation will be the hallmark of our new battlefield delivery capabilities on a commercial timeline ... I'm talking about weeks and months, not years and decades.” *17 Feb 10*



Rapid Fielding Directorate Keys to Success



- Establish “Rapid Fielding Processes” as a complement to the more deliberate DoD acquisition system
- Enhance the Nations capability to rapidly respond to battlefield needs affordably
 - Engender a rapid fielding mindset in the following:
 - Requirements definition
 - System design, fabrication, assembly, and test tool sets
 - Innovative business practices (contracting and funding)
 - Industrial base flexibility
- Develop objective measures to gauge process and product effectiveness (e.g., Time to deliver , Increase in offensive ops tempo, casualties averted)



Rapid Fielding Directorate Enabling Initiatives



- **Expand the capabilities of our architecture and integration venues**
 - **Joint Experimental Range Complex – Land Environment**
 - **Stiletto – Maritime Platform**
 - **Thunderstorm – ISR Environment**
- **Reduce cycle times for:**
 - **Joint Capability Technology Demonstrations (JCTDs)**
 - **Contract initiation**
- **Increase the use of prototyping in rapid fielding**
- **Attempt pilot projects to determine viability of proposed practices**

Questions?

