

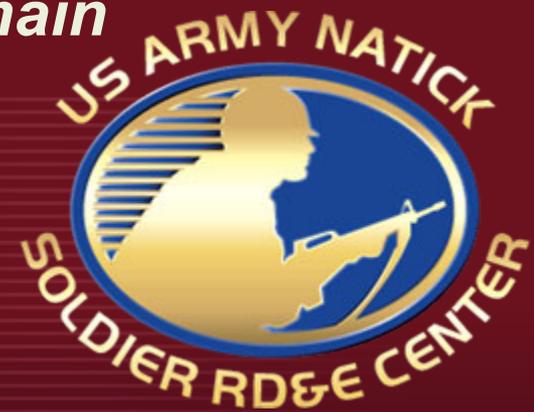


## *The Soldier Systems Integration Domain*

### *Gateway to Future Soldier Small Unit Operations*

*Meeting the Challenge of Persistent Conflict*

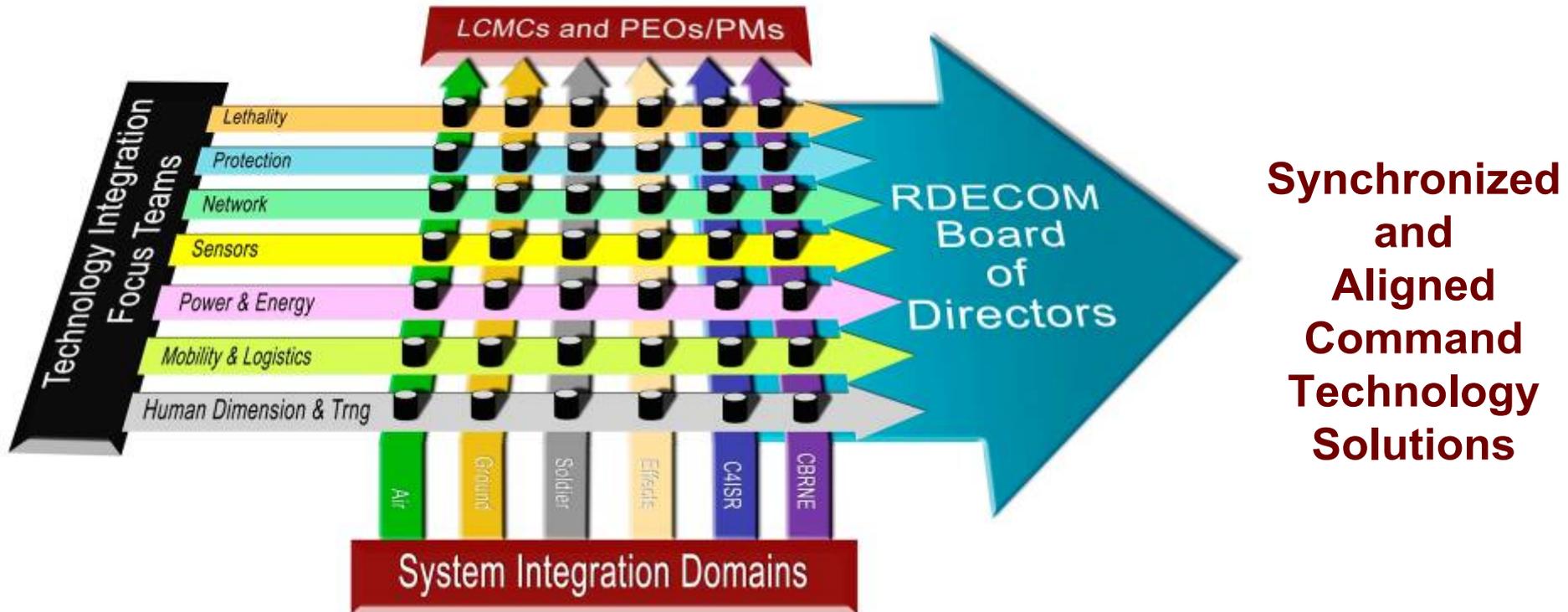
***TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.***



***Science & Technology Board  
April 15, 2009***

***Dr. Marilyn M. Freeman  
Director  
Natick Soldier Research,  
Development and  
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# RDECOM Technology Integration Concept



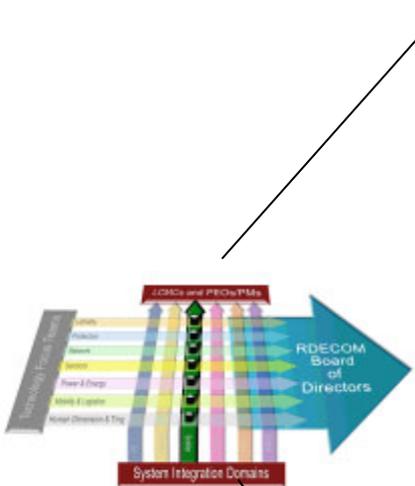
## KNOWLEDGE CENTERS

- Nanotechnology
- Biotechnology
- Cognitive & Neuroergonomics
- Electronics
- Advanced Computing
- Enterprise Integration

## SYSTEM OF SYSTEMS OVERLAY

- Systems Engineering Across Domains
- RDECOM HQ
- AMSAA

# Soldier Systems Integration Domain (Soldier SID)



**Soldier SID**

**Definition:** The Soldier SID is comprised of materiel and non-materiel S&T solutions that will enable soldier and small unit capabilities across all mounted (air, land sea, space) and dismounted mission areas, conflict levels and environments.

**Purpose:** To define desired outcomes, develop a well articulated, holistic “end-state” for a given time frame(s) and obtain technology alignment, balance & integration of systems that a Soldier wears, carries, consumes or otherwise uses to optimize and sustain his/her cognitive, physical and social performance in all operational environments.

**Goal:** To link the desired outcomes (or “endstate”) directly to the capabilities required to achieve them in consideration of requirements, resources, constraints, competing priorities, technical possibilities and associated risks. To describe measurable outcomes, along with associated timeframes, for the Soldier Domain

**Result:** Delivery of prioritized S&T capabilities as promised when needed, as well as an improved ability to adaptively deal with the uncertainties of future threats

**Soldier SID**

**Improve  
Soldier Readiness,  
Resolve & Resilience**



**Knowledge-driven  
Effects-based  
Strategy**



**Technology Integration Across Soldier Domain**

Technology integration across the **Soldier's** full operational spectrum!