

RDECOM Support to Current Operations

HMMWV Doors



Predator Hellfire Integration



Shelf-Stable Pocket Sandwich



Cooperative Defense Initiative



Pacbot



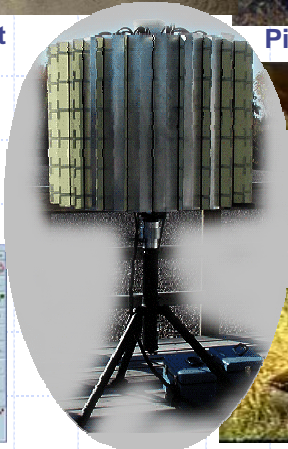
Pilar Gunfire Detection System



Omni-Directional Inspection System



Blue Force Tracking



Lightweight Counter Mortar Radar



Slat (Bar) Armor



WelCam

Phraselator



Mobile Lab



Bunker Defeat Munition



Counter IED



Field Expedient Protection for Ground Vehicles

40mm Thermobaric Cartridge



Zinc-Air Battery



Interceptor Body Armor & Advanced Combat Helmet: Dozens of Lives Saved During OEF/OIF



Technology for the Warfighter "Our Most Precise Weapons System"

Systems Engineering, Analysis & Assessment



Sensory Enhancement



Protect (Integrated Suit & Helmet)



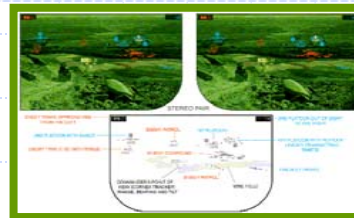
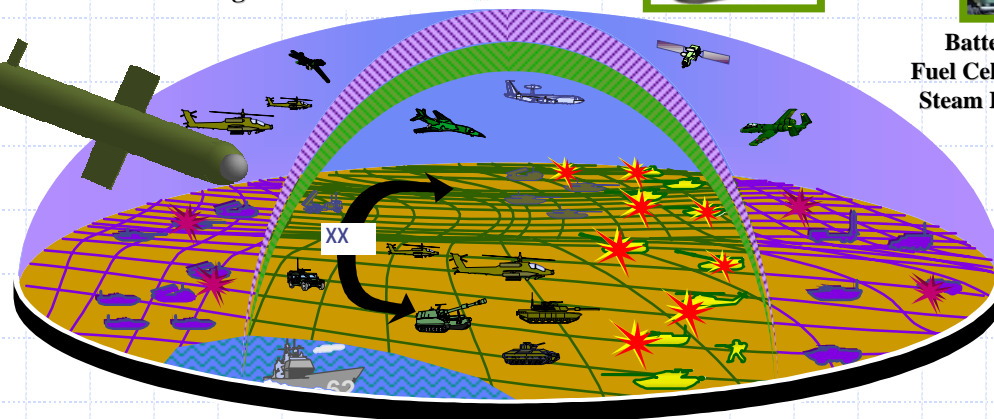
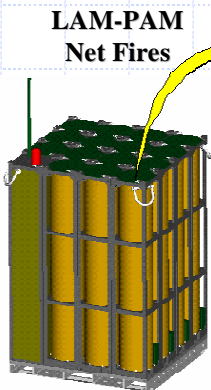
Robotics Interface



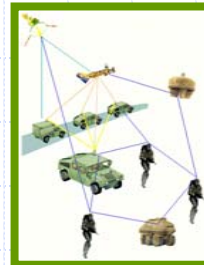
Strike
(Exploit FCS Netted Fires)



Human Performance & Embedded Training



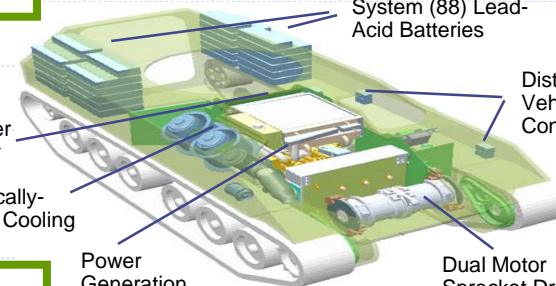
Collaborative Networked
Situational Understanding



Blue Force Tracking



JLIST - Joint Service
Lightweight Integrated Suit
Technology



Heat Exchanger
Assembly

Electrically-
Driven Cooling
Fans

Power
Generation
Unit

Energy Storage
System (88) Lead-
Acid Batteries

Distributed
Vehicle
Controller

Dual Motor
Sprocket Drive
System



Battery Charging
Fuel Cell with Methanol
Steam Reforming Unit



Robotics



Transformational Technologies

Nanotechnology

Biotechnology

Robotics

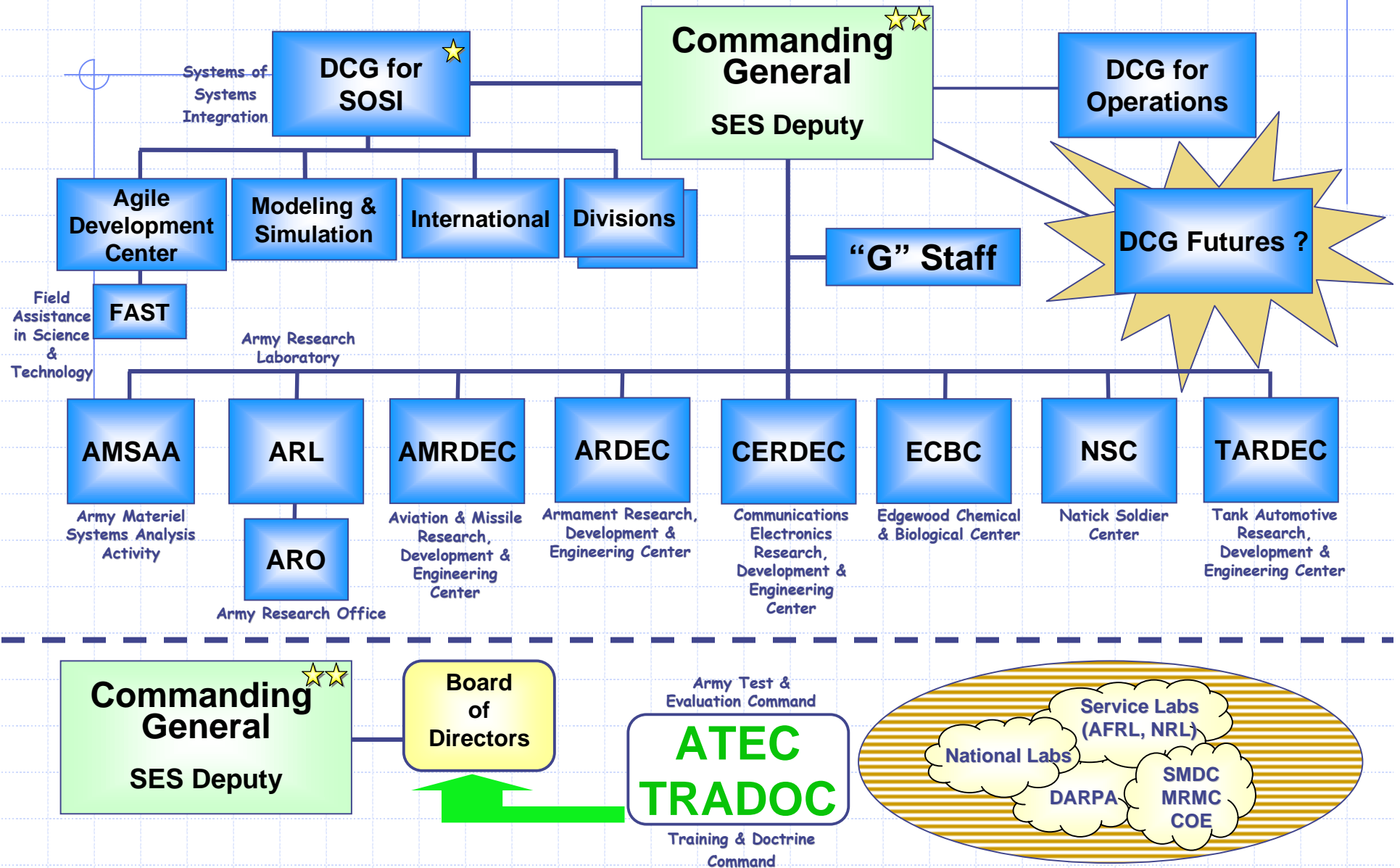
Advanced Computing

Power & Energy

Critical enablers of transformational capabilities for the Army's Future Force



Research, Development and Engineering Command



What Does the RDE Command Give Us?

Agile Development Center ("Skunk Works")
Linkage to Combatant Commands (FAST)
Linkage to International Markets
Modeling & Simulation/Collaborative Environment
Capability Management
Technology Integration Across Domains



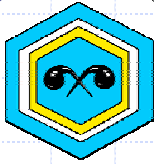
◆ Technology Out

Agile Development Center

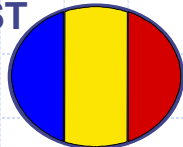
➤ Linking ➤ Facilitating ➤ Expediting



Industry

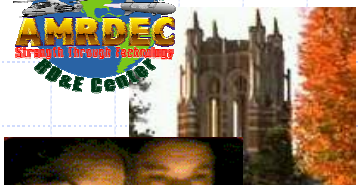


International Markets



FAST

Battle Labs



Academia



REF

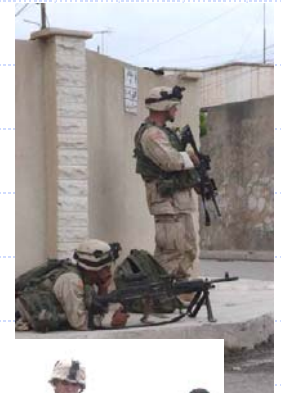
Seeking "Good Ideas" that make a difference

Rapid Development

Rapid Equipping (Teaming)

Rapid Sustainment (Teaming)

Disengagement



Fighting Warriors

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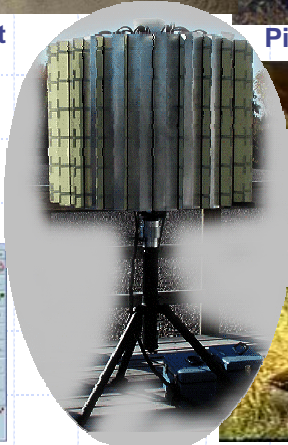
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