

Judd Blaisdell xx June 2006

Current Capability Focus ... Not all Encompassing



Environment

Nation at War GWOT, OIF, OEF

Defense of the Homeland Iraqi Stabilization

Homeland Security

DHS Reorganization Increased role of Federal Agencies

DoD Transformation

QDR Global Defense Review BRAC

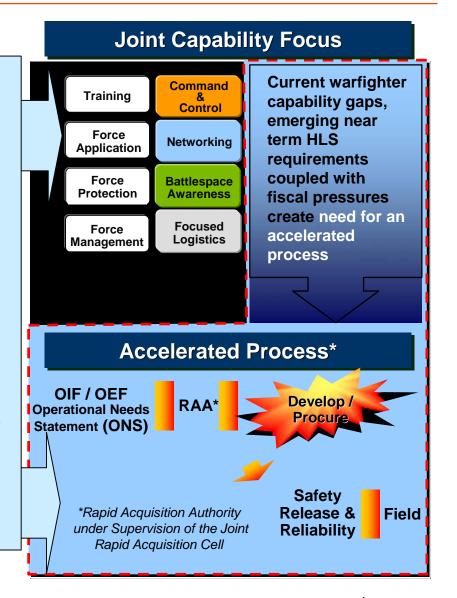
Budget

Transforming to Capabilities Based Planning

Joint Capability Areas
Rapid Acquisition

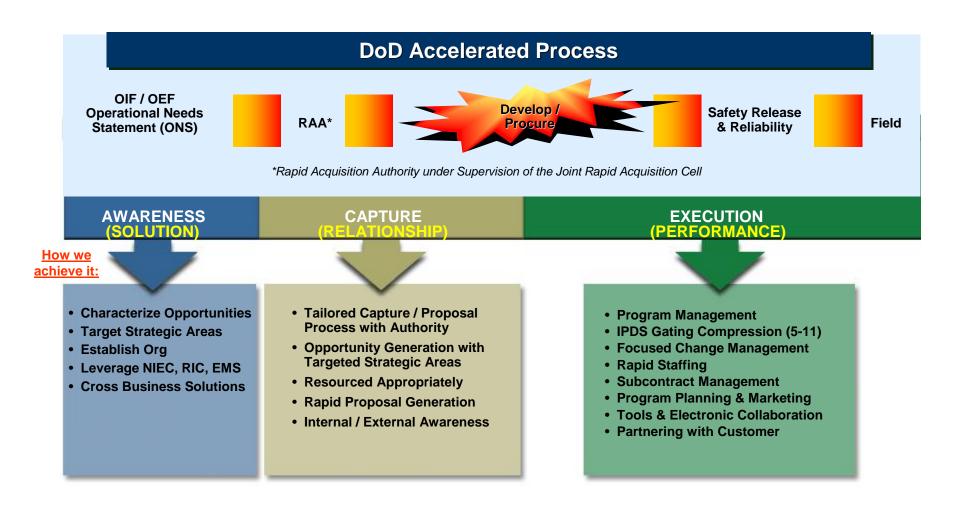
Trends

- Transformation Continues
 - Tempered by OEF / OIF
 - Speed to market, early demo
 - Cost ... Clear Drivers!
- Multiple opportunities at Federal, State, and Local levels
- Services balancing legacy and next generation
- DoD struggling with complex technical and programmatic challenges
- JCIDS process continues
- Increased role and influence of COCOMs
- More Joint, IA, MN (JIM) emphasis





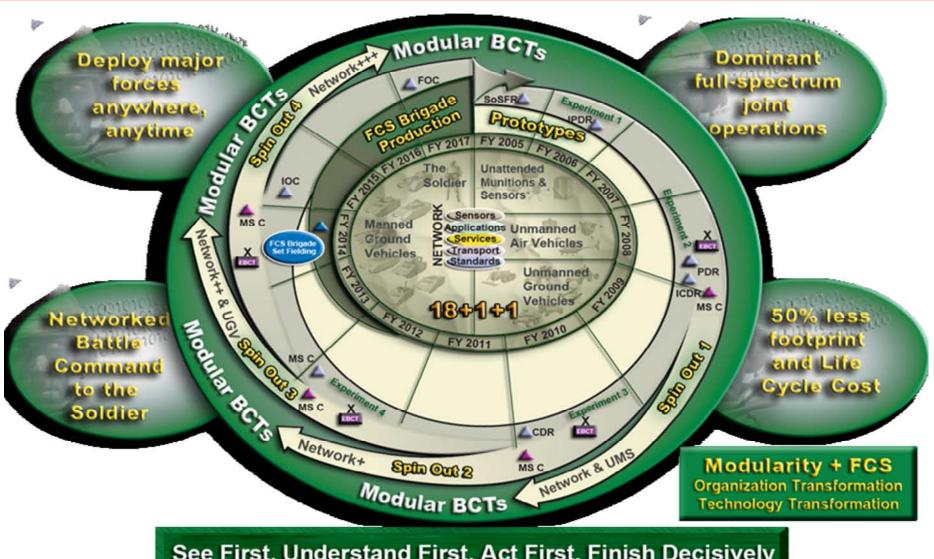
Rapid Response Strategic Initiatives



Institutionalize Speed as a Competitive Advantage

FCS Master Program Plan How the Army is Accelerating Capabilities to Our Soldiers





See First, Understand First, Act First, Finish Decisively

RaytheonNetwork Centric Systems

Rapid Initiatives Group (RIG)





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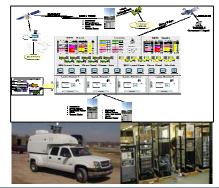
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Coalition Provisional Authority (CPA) Headquarters C2 System



US Central Command Deployable Headquarters (CDHQ)





Persistent Surveillance and Dissemination System of Systems (PSDS2)



Mobile Enhanced Situational Awareness (MESA)

Counter IEDs

RIG's goal is to rapidly deliver key capabilities to war fighters, peace keepers and first responders to accomplish mission objectives

Persistent Surveillance and Dissemination System of Systems – PSDS2

RaytheonNetwork Centric Systems



PSDS2 capability is applicable to both military operations and HLS needs

- For the first time, a C2 system puts sensor data and intelligence information into context
- PSDS2's 3-D picture enables operators to understand what they are seeing, where it is happening and what the threat's next actions might be
- Disseminates actionable information via fielded systems (AFATDS, FBCB2) and portals
- Cuts the decision timeline from hours to minutes
- Manages "video overload" and allows operators to recall for forensic use
- "Fingerprints" vehicles using electro-optic and infrared technology
- Sets the stage for a major shift in the way the military coordinates actions
- Rapid turnaround ... 110 days from drawing board to deployment ... with new capabilities added via spirals

Potential Future PSDS2 spirals include...



- Future Combat Systems
- Migrate to modular force system-ofsystems tactical sensors, ABCS, JTRS and others
- Migrate to Network Centric Enterprise Services
- Multi-Intelligence Sensor Fusion



Enterprise Net-Centric Integration Capability (ENIC) Vision and Mission



Enterprise Net-Centric Integration Capability (ENIC)

ENIC Case for Action

<u>Customer priorities</u>: Speed to Market, Speed to Demo, Lower Cost
 <u>NCS business reality</u>: Grow the business and expand MSI portfolio with reduced resources
 <u>Staffing reality</u>: Limited personnel with skill set to make NCS successful in MSI business
 <u>Market outlook</u>: Opportunity rich environment requires prioritization and efficient use of scarce resources

ENIC Vision

<u>Enabling growth</u> in an uncertain environment by <u>increasing speed</u>, <u>reducing cost</u>, and <u>maximizing leverage</u> of critical capabilities, talent, and resources in support of <u>rapidly</u> <u>delivering stellar net-centric MSI solutions</u> to Customers

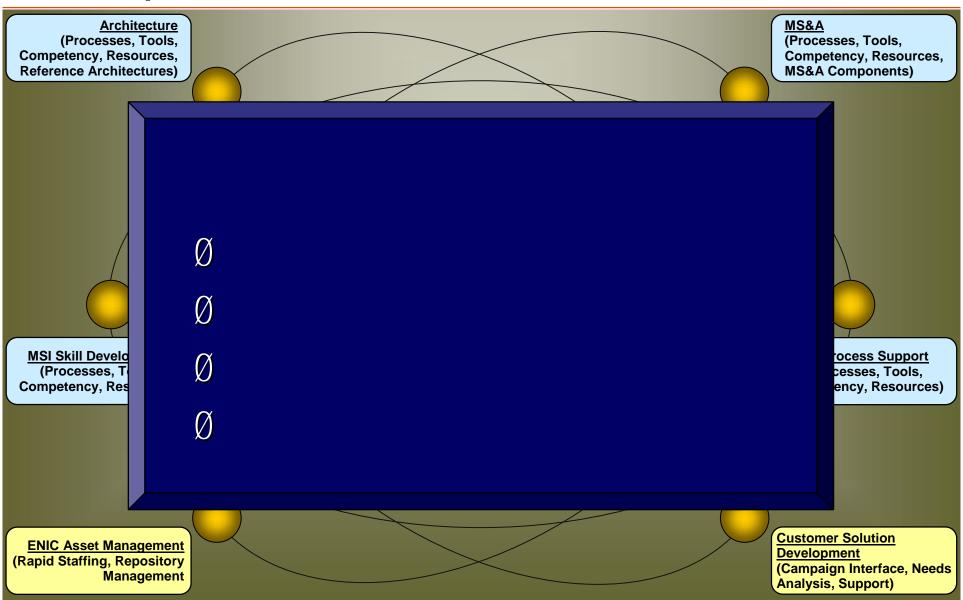
ENIC Operating Model

- ENIC is a joint Business Development and Engineering initiative that provides key resources for rapid, cost competitive MSI / NCO business capture
- ENIC provides both a <u>leveraged support capability</u> (people) and <u>strategic reuse</u> of our pursuit investments (capabilities and facilities)
- ENIC <u>prioritizes</u> the allocation of critical NCS Engineering and Business Development resources in support of strategic campaigns and pursuits

Enabling NCS to Do More - Faster - With Existing Resources

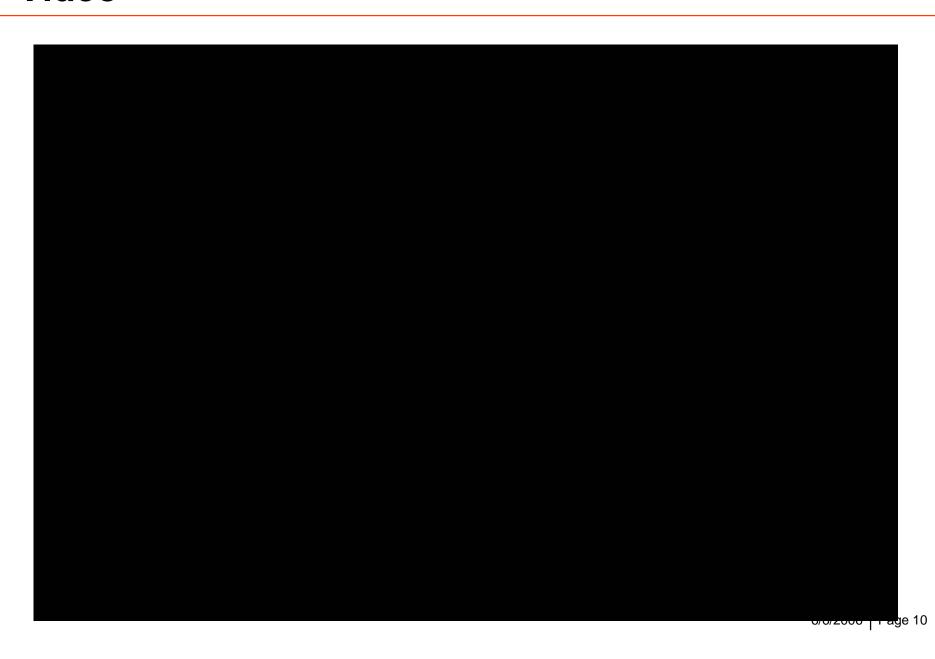


ENIC Operational Model



Background Slide for running NIEC Video







Summary

- Today's Business Model is Changing:
 - Mandated by Dynamics of Cost, Speed to Market, and New Technologies
- Several ways to Deal with Change:
 - Spirals Saturn Auto Approach
 - Spin-Outs Toyota Camry Approach
 - Rapid Initiatives Group (RIG) Speed, Agility, Creative, Off-the-Shelf, 80%
 Solution
 - Enterprise Net-Centric Integration Capability (ENIC)
 - Speed to Market / Speed to Demo
 - Lower Cost
 - Capitalize on Limited Resources
 - Forces Prioritization and Efficiency
 - Leverages Support Capabilities
 - Net-Centric Integration and Experimentation Centers (NIEC)
 - Links vast Modeling and Sim across Raytheon
 - Leverages Partners, Suppliers, and Customers in a Dynamic "Portal"