

EA for Unity of Defense Vision and Action

Presented to the Integrated Architecture Conference
2 March 2011

Robert Damashek, Chief Architect



www.binarygroup.com

1911 N. Ft. Myer Dr, Ste 300, Arlington VA 22209

571.480.4444

This document contains Binary Group, Inc. Proprietary and Confidential Business Information and is intended solely for the use and information of the client to whom it is addressed.



Agenda



- Leadership Calls for Greater Efficiency
 - Provide Focus for Unity of Vision and Action
- Information Sharing across Defense Lifecycle
- 5 Step Information Sharing Process
- Use in a Few Case Studies
- Investment and the ROI

Leadership Calls

“We shouldn’t just give our people a government that’s more affordable. We should give them a government that’s more competent and more efficient. We can’t win the future with a government of the past...”

Barack Obama, 2011



“It’s about being honest about what government can achieve. Real change is not what government can do on its own - real change is when everyone pulls together, comes together, works together, where we all exercise our responsibilities to ourselves, to our families, to our communities and to others.”

David Cameron, 2010

“Consumers are accustomed to getting more for their money – a more powerful computer, wider functionality in mobile phones – every year ... When it comes to the defense sector, however, the taxpayers had to spend significantly more in order to get more... We need to reverse this trend.”

Robert Gates, 2010



Defence needs a “... cultural shift which will see a leaner and less centralised organisation combined with devolved processes which carry greater accountability and transparency.”

Liam Fox, 2010

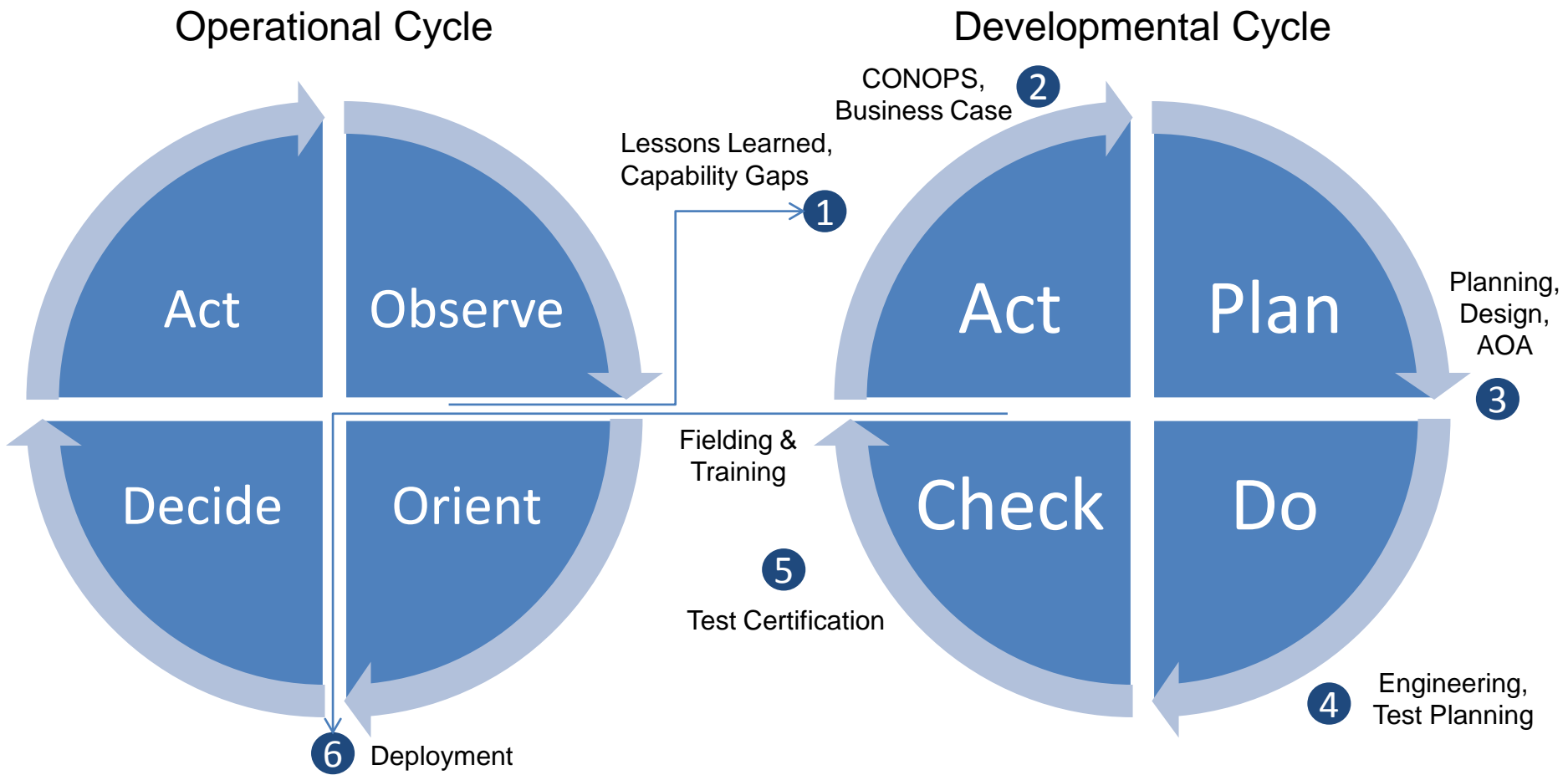


Enabling Information Sharing across the Defense Lifecycle



1. Standardizing View of Resource Management
2. Tapping EA and Resource Data Sources
3. Bridging Silos with Semantics
4. Standardizing Performance Monitoring
5. Opening Dialogue between Government, Industry and the Public

Standardizing the View of Resource Management





Tapping EA and Resource Data Sources

- Leadership's Goal is Efficient Resource Application
 - People, Organization, Process, Knowledge, Technology
- Operational Assets Often Managed in Functional Silos
- Development Assets Documented in Architectures
- Tap and Fuse Both in Open Data Exchange
- Leverage Standard Lifecycle Models
- Foundation of a Defense Lifecycle Common Operating Picture (COP)



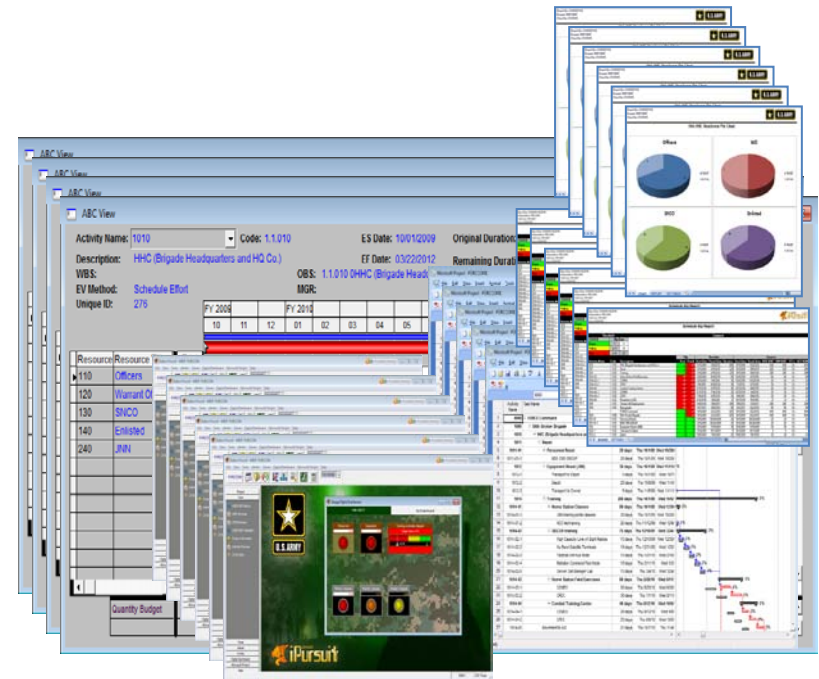
Bridging Silos with Semantics



- Resource data captured in silo context
- Standard lifecycle models simplify this task
- Semantics – a synonym for meaning
- Ontologies bridge silos and communities
- Enables data to be mapped from authoritative sources and exchanged in open, neutral form
- Some fusion challenges remain

Standardizing Performance Monitoring

- Lifecycle Views enable:
 - Standardized Dashboards
 - Common Focus on Enhancing Performance
 - Visualization of Key Lifecycle Events
 - Simplified Navigation to Supporting Data
 - Open Data Exchange for Additional Mash-Ups





Opening Dialogue Between Government, Industry, Public



- Start with COP and Open Data as Foundation
- Build Open Discussion on Efficiency Solutions
- Ensure Fair and Objective Treatment of Alternatives
- Engage Public Concerns and Bottom-Line Common Sense
- Innovative Ways to tap Expertise from both Industry and Government



Case Study Examples



- Collaborative Joint Close Air Support
- CBRNE Rapid Deployment Team
- Army Transformation and ARFORGEN
- Army Data Center Consolidation
- Joint and Coalition Interoperability



Investment and ROI



- Mapping Processes to the Lifecycles
 - Advisory Team
- Tapping Data Sources
 - Process and Data Analytics
- Bridging Semantics
 - Matrixed Team of Ontologists
- Performance Monitoring
 - Performance and Information Analytics
- Dialoguing with Stakeholders
 - Social Media and Facilitation

Contact Info

For more information, please contact:

Mr. Robert Damashek

Chief Architect

Binary Group, Inc.

1911 Ft. Myer Drive, Suite 300

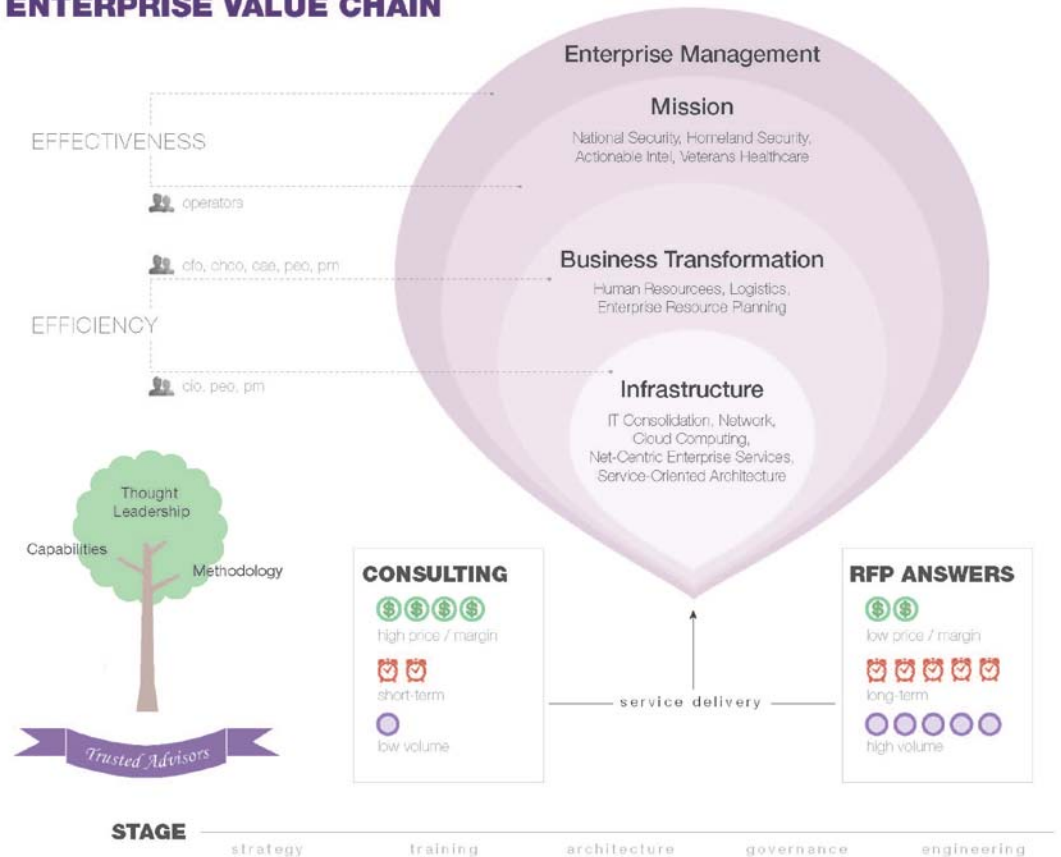
Arlington, Virginia 22209

USA

rdamashek@binarygroup.com

1-571-480-4457 (o) | 1-571-221-3914 (m)

ENTERPRISE VALUE CHAIN



www.binarygroup.com

From Strategy to Impact