



DCGS IAG

Status Report
26 October, 2009

- Terms Of Reference
- Structure
- Sub-group Presentations
- DCGS Worldwide Presentation
- Discussion

- Broad, objective and independent industry team
- Provides insight and recommendations on enterprise-level information issues
- Dynamic, evolutionary and informal
- Regular inputs and updates to OUSD(I) and DCGS enterprise
- Synchronize with DCGS directions and IPT/GB cycles
 - Participants, Topics, Progress, Issues
 - Briefings, papers, interactive on-line media
 - Frequent discussions and exchanges

Industry Advisory Group

Business Model

Identity & Access Management

SOA Implementation

IAG Co-leaders

- David McQueeney, Chief Technical Officer, IBM Federal
- Vince Snyder, Vice President-Mission Integration, Lockheed Martin Information Systems & Global Services
- Judy Smith, Director of Strategic Initiatives, Northrop Grumman

Sub-group Leads

- Judy Smith, Northrop Grumman
- Dr. Tim Pavlick, IBM Federal

- Gordon Hannah, Deloitte
- Rick Hill, Booz Allen Hamilton

- Rob Walker, Oracle



Booz | Allen | Hamilton

delivering results that endure



Identity & Access Management

Will Kirkman, Mitre
Gavin Stokes, BAH
Al Piesco, LMCO
Dr. Dennis Smith, Carnegie Mellon
Grace Lewis, Carnegie Mellon
John Grove, Volant

Business Model

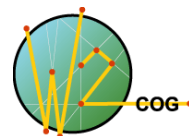
John Kane, LMCO
Eric Mahoney, Volant
Maryann Kiefer, Level Consulting
Bob Mosier, Northrop Grumman
Richard Butcher, Millenium Engineering

SOA Implementation

Jim Kuhl, Northrop Grumman
Hans Polzer, LMCO
Joe Suhr, LMCO
Ellen Ribes, LMCO
Paul Stern, LMCO
Frank Petroski, Mitre
Dr. Dennis Smith, Carnegie Mellon
Grace Lewis, Carnegie Mellon
Eric Mahoney, Volant
Dan Brennan, Oracle
Sam Ceccola, Dovel Tech
Umesh Vemuri, SAIC

Non-aligned Participants

Tom Hennies, BAE
Dave Linthicum, BAH
Greg Wenzel, BAH
Bryan Aucoin, Alanthus
Sal DiCuffa, INDUS
Karen Gordon, IDA
Rich Gibaldi, SAIC
John Scott, Mercury Federal
Judith Dahmann, Mitre
John Palmer, Boeing
Don Johnson, ASD (NII)
Adam Silver, ManTech
Jay Wopperer, LMCO
Ron Spear, IAI
Danny Proko, SAIC
Jason Hunter, Assured Decisions
LtCol Thomas Tschuor, DMO
Doug Medcalf, LMCO
Chris Gunderson, W2COG



And more to come

■ Business Model Focus

- How to accurately characterize a new business model that facilitates the adoption and implementation of SOA
- Begin to explore similarities and differences in policy, program management, engineering, requirements analysis, incentives, risks, culture, etc. needed to make the transition
- Create measures of success that validate the model is successfully being implemented
- Outline a what is needed to make the transition

■ Top Three Issues

- Can commercial business models be effectively leveraged in a regulated public environment to minimize business disruption?
- Can the Government anticipate and accurately characterize its demand for these products and can industry feel comfortable with a model that may or may not guarantee profitability the same way as in the past?
- Culturally, how will both industry and government react to a new model that requires more precise up front understanding and more risk in the downstream?

■ Anticipated Outcomes

- There will be at least two models: one for mission services and one for SOA backplanes
- The models will be demand based
- The models will have either a pay as you go component and/or a minimum revenue guarantee

- Identity and Access Management Focus
 - Increase understanding of the enterprise complexity of IAM & related issues
 - Assess DoD & other Federal IAM initiatives that impinge on and/or support DCGS IAM
 - IPMSCG policy initiatives, PIV, PIV-I, SIPR PKI Pilots, etc
 - Identity Proofing, Access/Privilege Management
 - Explain current best practices and issues in commercial IAM
 - Where commercial industry leads, and where it lags
 - Kantara, Open Id, Shibboleth, etc.
- Top Three Issues
 - Federation of identity across IC enterprise (breadth of users)
 - Governance of IAM (trust models, behaviors versus static solutions)
 - Identity proofing
- Anticipated Outcomes
 - Discussion of current IAM impacts and considerations for DCGS
 - Recommendations for incremental strategy, policy and technology steps to implement IAM across broad and complex IC



- SOA Implementation Focus
 - Assess technology, processes supporting implementation, and service interoperability at the enterprise-level
 - Consider networking model and governance of software assets as it relates to a net centric enablement for the DCGS FoS
 - Leverage current state of the practice within the DCGS family and recommend appropriate best practices for SOA enablement strategy
- Top Three Issues
 - Security and business models will be an important facet of the SOA implementation
 - the sub-group will coordinate with the Identity management sub-group to define that component of the SOA
 - SOA requires degrees of standardization, integration and reciprocity that cut across program and organizational boundaries
 - Edge user needs will challenge and shape SOA implementation

- Anticipated Outcomes
 - Managing of scope and expectations
 - Setting realistic scope
 - Clearly identifying what is possible today and what are research challenges
 - Having realistic, phased implementations
 - Developing specific guidance for cross program and organizational boundaries
 - Incentives for service providers and consumers
 - Instantiate strong service level agreements
 - Design time and runtime governance, metrics and enforcement
 - Developing realistic quality attribute goals and expectations, particularly in constrained environments
 - Especially performance, security, availability



Worldwide Conference Panel

■ Moderator

- Vince Snyder, Vice President, Mission Integration, Information Systems and Global Services, Lockheed Martin

■ Panelists

- Hon. Robert Cresanti, VP of SAP and former Under Secretary of Commerce for Technology
- Mr. Jim Young, Enterprise Manager, Google and Developer of Google Earth
- Mr. Steven Hagan, Vice President of Development, Spatial, Imaging, Semantics, and High Availability, Oracle
- Hon. Patrick Gorman, Vice President, Booz Allen Hamilton and former DNI CIO
- LTG Steven Boutelle, US Army (Ret), VP Global Government Solutions Group, Cisco and former US Army CIO

- Develop viable work plan and goals
- Set regular schedule of meetings and updates
 - Align with DCGS cycles/rhythm
- Establish on-line information portal and collaboration tool
- Be cognizant of larger enterprise issues
 - Is SOA always the answer?
 - Build from edge in, not center out
 - Reference implementations
 - Interaction of IAM, Business and implementation
- Bring in more academic and industry players
- Report out progress and updates/issues frequently
 - Place emphasis on continuing dialog as opposed product/deliverable development in isolation