



DCGS Industry Advisory Group

Initial Meeting

June 23, 2009

DCGS Industry Advisory Group

- AGENDA
 - Opening Comments – Mr. James Martin, USD(I)
 - Overview of DCGS Programs – Ms Lorraine Wilson, USD (I)
 - IAG Discussion – Dave Chesebrough, AFEI
 - Concept
 - Review of SOA Acquisition Work
 - Purpose of IAG
 - Governance
 - Discussion of Potential Topics
 - Next Steps

Concept

- Open, collaborative and broad
 - Sensitive to OCI issues
- Focused on Services Environment
 - Architecture, acquisition, governance
 - Net-centric data strategy (DoDD 8320.2)
- Work to be agile and responsive
 - The 80% opinion is the best answer
- NOT authoritative – Government decides
 - Industry suggestions and recommendations
 - Policy, governance structure, common standards
 - Leverage ICT evolution to achieve vision

Review – How we got here

- SOA Acquisition Report, July 2008
 - For Government Program Managers and Government personnel involved in all information-centric systems
 - SOA changes the acquisition game
 - New roles, new responsibilities, blurring the lines
 - SOA challenge is governance
 - SOA enables agile capability acquisition
 - DoD 5000 can be interpreted to allow
 - There are horizontal funding and “color of money” issues
 - DoD Programs of record are not motivated to go beyond their scope.

Review – Who contributed

- DoD Sponsors: Mike Krieger and Tim Harp
 - Inputs from many others
- Industry authors from
 - IBM, Oracle, SAIC, Level Consulting, Lockheed-Martin, Northrop Grumman, McDonald Bradley
- Contributions from
 - Accenture, Booz Allen Hamilton, Computer Associates, EDS, EM Solutions Level Consulting, ManTech International, MITRE

Review – Purpose

- Give actionable near-term recommendations on how to buy services (tactical)
 - DoD milestone process and testing approach
 - Industry best practices
 - Language for RFI's, RFPs, and SOO's
- Not able to recommend specific language for acquisition instruments
- The “big ideas” needed to be understood

Review – Recommended next steps

- Further Refine Recommendations in Report
 - Provide discussion and recommendations to assist in addressing and improving the Government-service provider relationship:
 - Contracting strategies
 - Possible “ways to buy” and advantages/disadvantages
 - Terms and conditions peculiar to services/SOA acquisition
 - Incentive structures
 - Key elements of service level and other related agreements
 - Key elements of an RFP and source selection approach to increase potential for successful SOA implementation and delivery

Review – Recommended next steps

- Migration of Legacy Systems to SOA
 - Address DoD legacy systems challenge
 - Recommendations on key elements of a transition plan for migrating those legacy systems into the SOA environment
- Continue to assess business model
 - Integrators, vendors, consultants, small businesses
 - Enhance/expand on findings and recommendations
- Refine procurement language for agile model
 - Legal & contracting experts involved
- Explore specific pilots in communities of interest that prove out SOA value
- Expand Forum collaboration
 - Architecture, security, testing

Purpose of IAG

- Provide industry recommendations on SOA acquisition issues for DCGS
- Assess strategy, policy and governance approaches
- Assist with further evaluation of business models and acquisition language
- Enhance the acquisition of SOA by addressing business imperatives and transition planning for enterprise-based services and capabilities

Products

- Assessments of DCGS acquisition and their approach to service-oriented architecture, data-sharing implementation, and common baseline attributes.
- Recommendations and new approaches to acquisition language and solicitation clauses.
- Changes to policy for extended enterprises that enhance or enable effective DCGS interoperability in an integrated intelligence enterprise.
- Recommendations for changes to existing standards or the development of new standards by appropriate government organizations or standards bodies
- Reports and white papers on specific technologies, standards and data-sharing approaches important to achieving the DCGS mission.
- Briefings that explain and communicate any or all of the above to the DCGS and Intel community and beyond.
- Collaborative space for the generation and management of on-line content IAG.

Governance

- Executive Board
 - comprised of selected members from participating organizations, with input from the DCGS Board.
- Working Groups
 - The Executive Board will create standing or ad hoc working groups to take up issues, offered in the form of Challenge Statements.
- Or simply a Working Group with sub-groups

Potential Topics

- Metrics
 - How can the DCGS community measure the true openness of SOA implementations? Is it measuring the right things?
 - What attributes are necessary for a solution or application to be considered a true SOA?
 - What is the measure of “SOA-ness” and is there an associated maturity model and scale?
 - How do these relate to the DCGS metrics cube?
 - Is the cube the correct construct and is it a sustainable framework as SOA evolves in industry?
 - Is it the right measurement model?

Potential Topics

- SOA Dashboard
 - What are the best practices in agile development (Sapient baseline)?
 - What methodologies are available to assess the impact and value add of services and the environment?
 - Are the descriptions of service levels the right ones and effective measures?

Potential Topics

- Business Model
 - What is the industry view of the best way to instill positive incentives in the IC for adoption of SOA?
 - How can the IC monitor compliance and modify behaviors?
 - How can industry provide capability into the integrated intelligence enterprise and make money?

Potential Topics

- Acquisition Language
 - What new clauses can be developed (RFI, RFP, Sec L & M) to assure acquisition of quality services?
 - What are the current best practices and recommendations for changes in contracting for SOA?
 - How does industry recommend testing in a SOA environment?
 - What pilot projects can be developed to demonstrate the validity of these recommendations?