Industry Architecture Survey and Review

Architecture Working Group Study series

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Agenda

• Industry Architecture Survey Review
• Results and Findings of the Industry Survey
  • Factors driving government technology decisions
  • Factors driving vendor offerings
• Preview of Acquisition Reform Working Group Survey and Study
Industry Architecture Working Group

Industry Participants

- SAP
- Recorded Future
- ESRI
- MarkLogic
- MapLarge
- Cloudera
- MongoDB
- Thomson Reuters
- LexisNexis
- NetOwl
- IBM
- Centrifuge
- Tableau
- SAS
- FICO
 Industry Architecture Survey

- 11 Open-ended questions on the following Topics
  - Building vs. Buying
    - Identifying factors that drive the decision
    - Recommendations from industry
  - Differences in Platform-based architectures vs. Component-based architectures
    - Building "System of Systems" vs. adopting a platform
    - Understanding the types of interfaces between software components
    - Software characteristics that determine success
  - Differences between Commercial and Government Engagements
    - What drives differences in preferences between commercial and government
    - Technical vs. acquisition/programmatic influencers
What factors drive Government technology acquisition?

- With decreasing budgets, cost is emerging as the strongest influencer
- Customers are adopting commercial solutions that can be customized instead of engaging in custom software development
- Openness and extensibility of solutions is important
What factors drive vendor offerings?
- Vendors are finding overlap across customer needs and have developed common product offerings
- Vendors find success using time-tested platforms over trendy technology
- Openness and extensibility is a strong driver in the development of Commercial solutions
Goals of the Acquisition Survey

- Limiting Scope
- Identifying the unique perspective of the Working Group

Survey Questions

- 39 questions developed by the round table and reviewed by study survey experts

Topics

- Company Background
- Products / Offerings
- Challenges / Barriers to entry
- Positive examples / innovation