Industry Architecture Survey and Review

Architecture Working Group Study series

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Analytic Technology™
Industry Roundtable

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

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Industry Architecture Working Group

- Industry Participants

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

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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

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- **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

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- **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

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Industry Acquisition Working Group

- 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

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Questions?

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