AcTS/TLT Mini Town Halliday:
Enterprise Architecture – IAM – Cloud/DevOps

December 11, 2014  |  Thursday  |  12:00 p.m.  |  125 Mt. Auburn Boardroom
Agenda

• The EA Vision
• EA Program Approach
• IAM Program Plan Overview
• IAM Program Benefit Highlights
• Cloud & DevOps: The Approach
• Cloud & DevOps: Service-Based Teams (Conceptual Model)
The EA Vision

### Our Vision for Enterprise Architecture

Provide a technology framework and a set of standards to enable acquisition, development, and deployment of IT services that maximize interoperation, minimize duplication, and simplify the IT environment across all of Harvard.

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<tr>
<th>Strategic Objectives</th>
<th>Guiding Principles</th>
<th>Key Performance Indicators</th>
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<tbody>
<tr>
<td>• Deliver an enterprise architecture framework that drives technology and development standards across Harvard</td>
<td>• Ensure that EA provides active direction and delivers value to the organization</td>
<td>• Decrease in project delivery timeframes to production</td>
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<td>• Provide common approaches for integration across enterprise applications, processes, and data</td>
<td>• Counter complexity with common solutions</td>
<td>• Increase in the number of integrated applications using programmatic interfaces</td>
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<td>• Align and rationalize technology decisions and investments</td>
<td>• Enable sharing of data across organizations</td>
<td>• Increase in the number of funded projects that conform to an EA Checklist</td>
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<td>• Identify redundant or conflicting processes and data across organizations</td>
<td>• Preference for open-source, COTS, and programmatic interfaces — both in what we obtain and what is produced</td>
<td>• Decrease in ad-hoc data sharing</td>
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<td>• Encourage, define, and ultimately provide best-practice solutions</td>
<td>• Increase in automated data exchange</td>
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<td>• Evolve framework and solutions with advances in technology</td>
<td>• Increase in the number of known authoritative data sources</td>
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<td>• Decrease in the number of copies of data</td>
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EA Program Approach

Re-Evaluate: Identify Places Where EA Can Make an Impact

- Requirements and Needs
- Enterprise Technology Assessment
- Technology Trends and Best Practices

Enterprise Architecture Implementation Plan

Layers

- Security
  - User Experience
  - Interoperation
  - Data
  - Middleware
  - Applications and Software Components
  - Infrastructure and IaaS
  - Networking

- Advisories, Methodologies, and Principles

- Patterns and Reference Architecture

- Outreach and Training

- Communication & Education
  - Architects
  - UX Consultation
  - Ad-Hoc Consultation
  - ITCRB and PRC Reviews
  - Evaluate Skills & Organizational Needs
IAM Program Benefit Highlights

Please see the handout for a look at key benefit highlights of the IAM program plan.
IAM Program Plan Overview

Please see the handout for the most recent IAM program plan overview.
Cloud & DevOps: The Approach

Please see the handout for a guide to our Cloud and DevOps approach.
Cloud & DevOps: Service-Based Teams (Conceptual Model)

Please see the handout for a future-state view of organizing teams around services.
Questions or comments?
Thank you!