

HARVARD UNIVERSITY  
Information Technology

# Kickoff for Enterprise Architecture Executive Committee

November 3, 2014

Monday

9:30-10:30 a.m.

Smith Center 561

# Today's Topics

- Open Discussion
- What is Enterprise Architecture at Harvard?
- The EA Vision
- Milestones for EA at Harvard
- Governance
- An EA Approach

## Open Discussion

- What problems do we want EA to address?
- What outcomes do we want?

# What is Enterprise Architecture at Harvard?

**Enterprise architecture will provide a set of patterns and best practices for development, acquisition, and deployment of IT resources.**

Our goals:

- Minimize duplication
- Reduce costs and improve purchasing power for the University
- Improve interoperability

# 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.

### Strategic Objectives

- Deliver an enterprise architecture framework that drives technology and development standards across Harvard
- Provide common approaches for integration across enterprise applications, processes, and data
- Align and rationalize technology decisions and investments
- Identify redundant or conflicting processes and data across organizations

### Guiding Principles

- Ensure that EA provides active direction and delivers value to the organization
- Counter complexity with common solutions
- Enable sharing of data across organizations
- Preference for open-source, COTS, and programmatic interfaces — both in what we obtain and what is produced
- Encourage, define, and ultimately provide best-practice solutions
- Evolve framework and solutions with advances in technology

### Key Performance Indicators

- Decrease in project delivery timeframes to production
- Increase in the number of integrated applications using programmatic interfaces
- Increase in the number of funded projects that conform to an EA Checklist
- Decrease in ad-hoc data sharing
- Increase in automated data exchange
- Increase in the number of known authoritative data sources
- Decrease in the number of copies of data

# Milestones for EA at Harvard

HUIT Top 40 Goal	EA Milestones
<p>20. Establish an IT enterprise architecture</p>	<p><i>Oct 2014:</i> Launch EA strategic initiative, including vision and strategic plan</p>
	<p><i>Dec 2014:</i> Define a Harvard EA framework to incorporate key elements in principles, data, integration, and technology architecture</p>
	<p><i>March 2015:</i> Conduct a current state analysis on integration to identify data passed between enterprise applications and the means of exchange</p>
<p>21. Implement an architecture review process</p>	<p><i>Sept 2014:</i> Identify a set of technical architects who can undertake architectural reviews</p>
	<p><i>Oct 2014:</i> Review and refresh PRC technical review process</p>
	<p><i>Dec 2014:</i> Review and refresh ITCRB technical review process</p>

# Governance

## Enterprise Architecture Executive Committee

IT executives who ensure that the vision and plan are addressed by the working group. Also provides consistent direction and problem-solving approaches for the working group and the EA program at large. Meets monthly.

**Co-Chairs:** Anne Margulies and Stephen Gallagher

**Members:** Scott Bradner, Ben Gaucherin, Stephen Ervin, Gabriele Fariello, Praneeth Machettira, Pratike Patel, Jason Snyder, Jim Waldo, Bob Wittstein

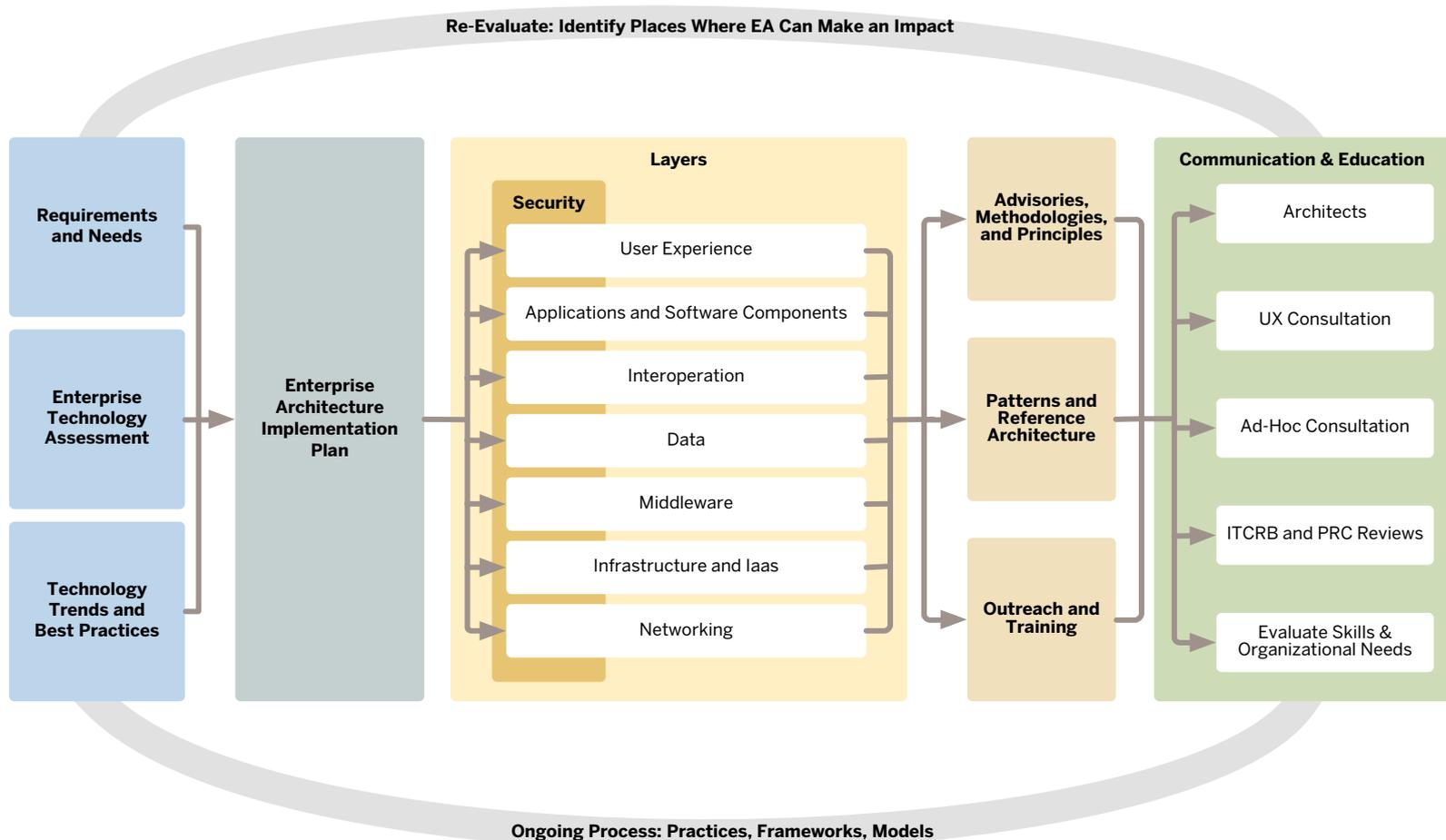
## Enterprise Architecture Working Group

- Technical members of HUIT, Harvard Schools, and other IT departments that meet on a regular basis
- Defines the Enterprise Architecture framework for review by Steering Committee
- Builds and reviews other EA components as per vision
- Publishes a monthly report on enterprise architecture progress, issues, and direction for the organization

**Chair:** Jason Snyder

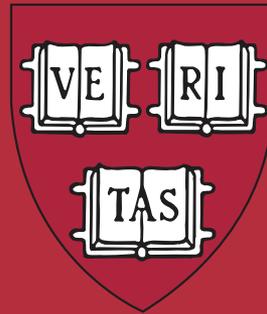
# An EA Approach

Each step or series of steps depicted may be reiterated as necessary until the desired outcome is achieved.



**Questions or comments?**

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**Thank you!**