

ENTERPRISE ARCHITECTURE APPLIED IN THE KANSAS LEGISLATURE

Terri Clark presentation at NALIT
September 12, 2009

Architecture Supports the Vision

VISION

Enterprise Architecture

Strategic Planning

Project Plan

Implementation

Project Plan

Implementation

Project Plan

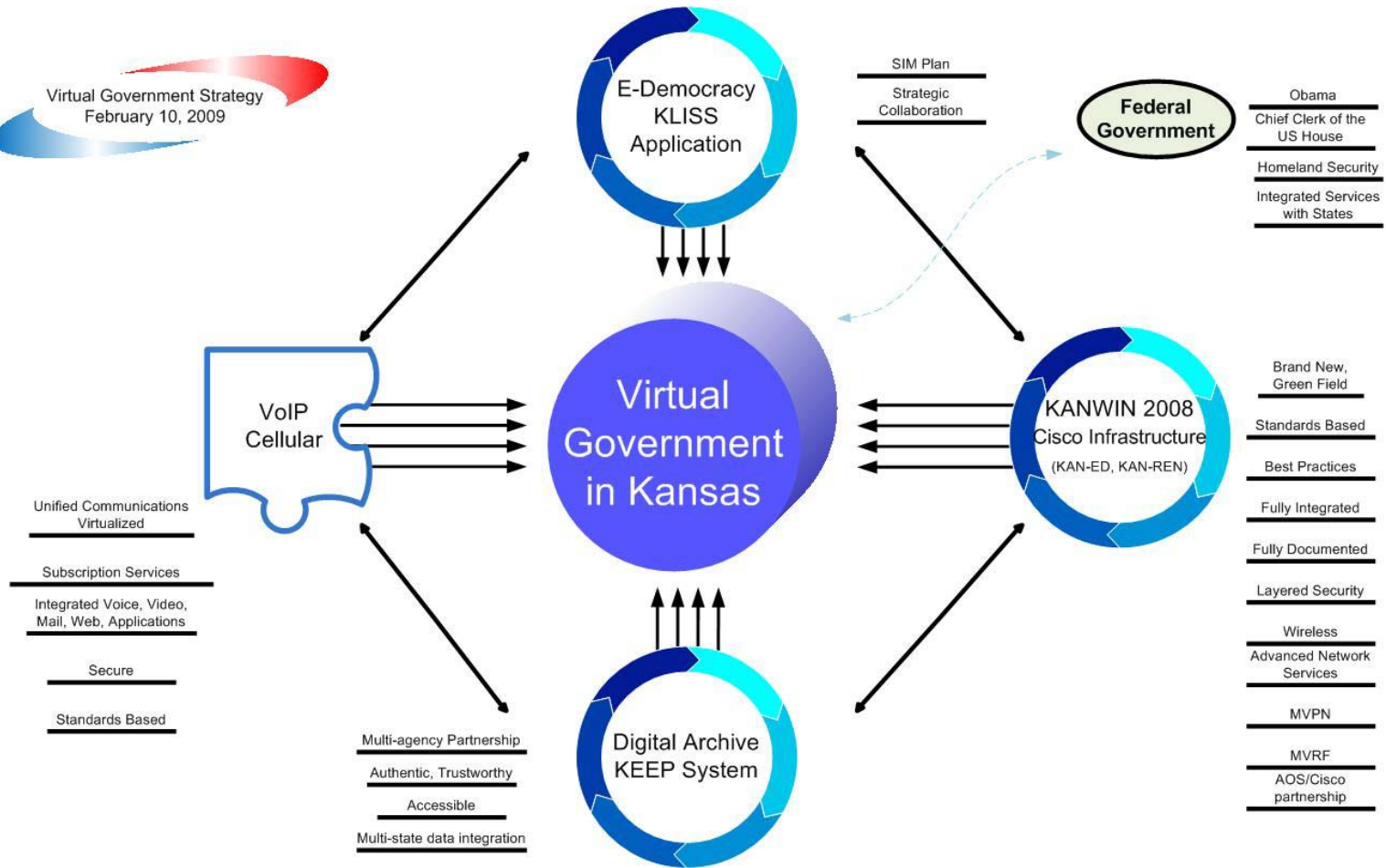
Implementation

Our Vision:

Anything you can do in the presence of government, you can do electronically without regard to clocks or walls.

Evolved Into:

Virtual Government Strategy
February 10, 2009



Architecture Drives the Plan

VISION

Enterprise Architecture

Strategic Planning

Project Plan

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Implementation

Kansas Enterprise Architecture

- Created KITA position in IT governance structure
- Earliest versions simply 'Inventory' of agency applications, hardware and services
- Cultural Shift – agency staff better educated, want to 'do' architecture
- Executive, Legislative and Judicial Branches, and Regents, equally involved and committed

Kansas Enterprise Architecture

- Based on Federal Enterprise Architecture (FEA) Reference Models
- Sections assigned to committees of 10 or less members
- Haven't completed full FEA Reference Model, focused on Service Components
- Update sections as needed
- Full architecture revised every 3 – 5 years

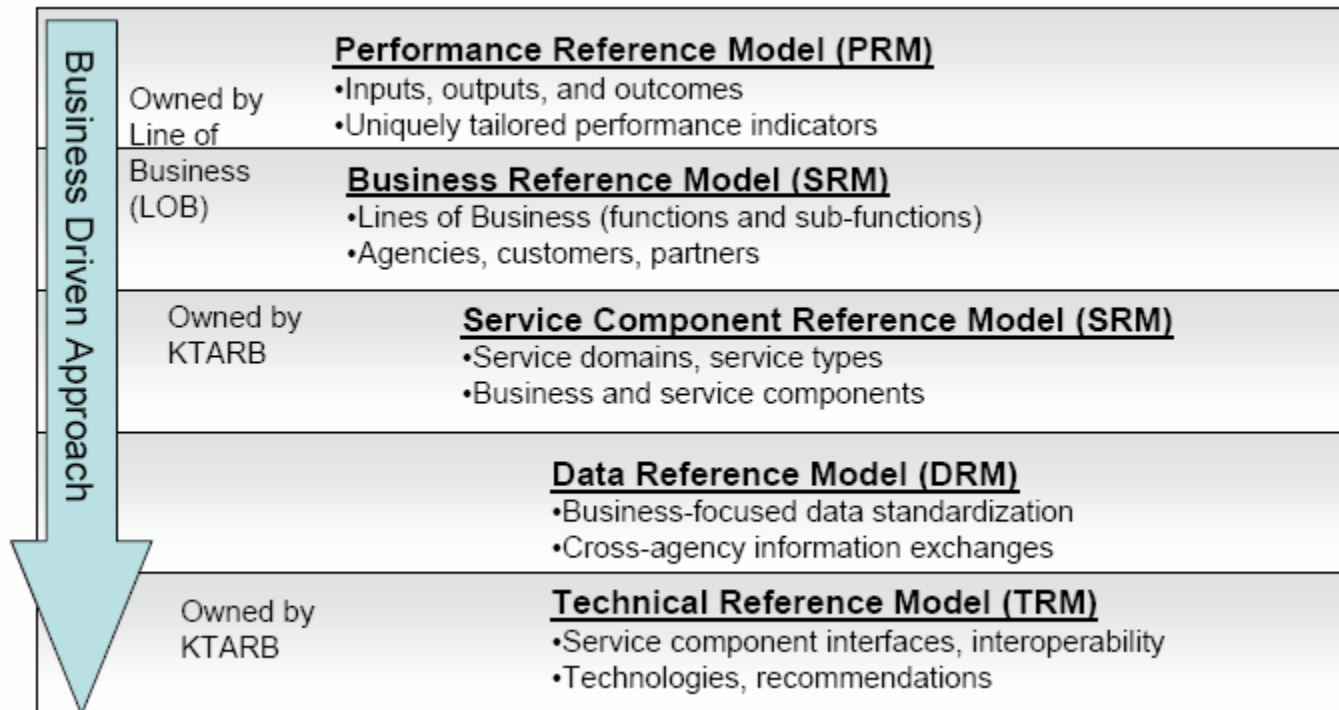
Architecture applied to Projects

- Kansas Project Management Methodology
 - All projects over \$250,000 must have project plan
 - Certified project manager
 - Statement of Compliance
 - Agency Head Approval
 - Branch CITO approval of technical specification
 - CITO bound by statute to comply with tech architecture
 - Enterprise Project Management Office tracks and reports on all projects quarterly to CITO's and Joint Committee on Information Technology

Example Architecture Compliance Statement

Section 11: Architecture Statement: Open Office, Java Enterprise System, Python, Jython, Eclipse Framework, BOA constructor, Django, and a vendor equivalent to: MySQL data base, Solaris 10 Operating System, Storage Tech 6540 Networked Storage Array, Sunfire X4600 and X4100 Servers, Raid 5. Open standards based system. The architecture may substitute Linux, EMC and Hewlett-Packard technologies based on final bid results. All technologies are compliant with the Kansas Enterprise Technical Architecture.

5 Models of KS Enterprise Architecture



The Kansas Enterprise Architecture is available at:

http://www.da.ks.gov/itec/documents/kita_ver11_final.pdf

Kansas Enterprise Architecture

- Architectural changes can drive new projects
- Technical Architecture is a living document
- Use architecture in project planning, rely on work already performed
- Must be forward-looking, visionary
- Provides framework for Vision, Planning and Implementation
- Creating or Updating your architecture? Invite friends to help!

Example KEA Table of Contents

Table of Contents

Executive Overview

..... i

Part 1 Architecture scope, concepts, and objectives

Chapter 1

Introduction..... 1-

1

Chapter 2 Kansas Enterprise Architecture overview

..... 1-9

Chapter 3 Architecture Governance

..... 1-14

Part 2 KITA Target summary

Chapter 4 KITA Targets

..... 2-1

Part 3 Kansas Technical Reference Model

Chapter 5 Service Access & Delivery

..... 3-1

Example KEA Table of Contents

Part 4 Kansas Service Component Reference Model

Chapter 9 Customer Services.....	4-1
Chapter 10 Process Automation.....	4-10
Chapter 11 Business Management Services.....	4-15
Chapter 12 Digital Asset Services.....	4-21
Chapter 13 Business Analytical Services.....	4-41
Chapter 14 Back Office Services.....	4-53
Chapter 15 Support Services.....	4-80

Appendices