JIS Portfolio Modernization Roadmap

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Agenda

- Background & Objectives
- Portfolio Current State Assessment
- Top Focus Areas
- Target State Portfolio
- Modernization Roadmap & Recommendations

Background

- December 2011 JISC Meeting
- IT Governance Process & JISC Guidance
- Ernst &Young Strategic Plan from 2009
- Enterprise Architecture Strategic Roadmap
- Portfolio Management

Objectives

- Provide an insight into the state of JIS Applications portfolio
- Provide strategic guidance on both short-term and long-term IT investments
- Provide a roadmap to base future planning for resources both at statewide and local levels

Portfolio Current State Assessment Overview

JIS Application Portfolio

The JIS Application Portfolio is the collection of applications used primarily by the courts to support their core business functions, such as ***ACORDS, SCOMIS, JIS, etc.***

Objectives:

- Provide sustainable applications that fulfill courts' business requirements
- Alignment with enterprise architecture & standards
- Simplification – reduce the variety of supported programming languages, hardware platforms, tools & software.
- Containment of maintenance costs & risks

JIS Application Portfolio – Primary Applications

ACORDS	**Appellate Court Records & Data System** supports case filing, event management, calendaring and management of opinions for the Supreme Courts and courts of appeal.
CAPS	**Court Automated Proceeding System** provides resource management and case event scheduling for the Yakima County Superior Court.
DW	**Data Warehouse** provides reporting and querying of case information.
ETP	**Electronic Ticket Process** provides a means of accepting and processing electronic ticket information from law enforcement.
JABS	**Judicial Access Browser System** provides a view of criminal history, active warrants, domestic violence protective order, and child custody order information.
JCS	**Juvenile & Correction System** is the juvenile referral and detention management system. It provides for pre-case filing, juvenile sentencing, diversion and post adjudication probation support.
JIS	**Judicial Information System** is the case management system for district & municipal courts and is used by superior courts to initiate case filings. For the roadmap, we have divided JIS into following components: *JIS Person, JIS Accounting, JIS for Superior Courts and JIS for CLJs*
JRS	**Judicial Receipting System** used by superior courts to process cash receipts.
SCOMIS	**Superior Court Management Information System** is the case management system fro the superior courts. Used in conjunction with JIS and JRS.
VRV	**Vehicle-related Violations** is a means of accepting electronic parking and photo enforcement ticket information from law enforcement jurisdictions.

JIS Portfolio Current State Assessment

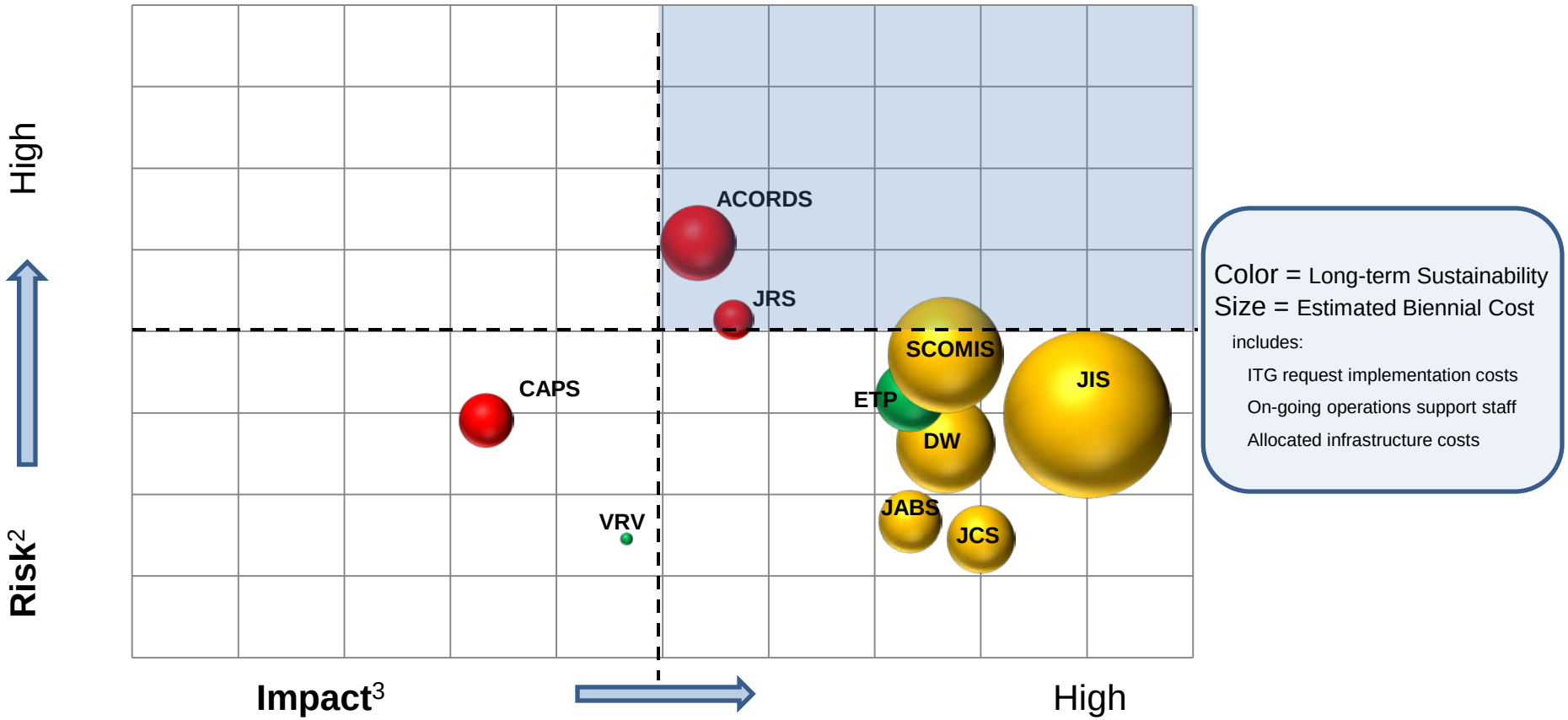
🟢 Able to avoid negative impact on application and users
🟡 Challenging to sustain at current levels
🔴 Difficult to sustain at current levels without negative impact

		Production Date	2008[1]	2012
ACORDS	Appellate Court Records & Data System	2003	🔴	🔴
CAPS	Court Automated Proceedings System	2003	🟢	🟡
DW	Data Warehouse	2008	🔴	🟢
ETP	Electronic Ticket Process	2007	🟡	🟢
JABS	Judicial Access Browser System	2001	🟢	🟢
JCS	Juvenile and Corrections System	2005	🟢	🟢
JIS JIS Person JIS Accounting JIS for Superior Courts JIS for CLJs	Judicial Information System (DISCIS)	1988	🟡	🟡
JRS	Judicial Receipting System	1993	🔴	🟡
SCOMIS	Superior Court Management Information System	1977	🟡	🟡
VRV	Vehicle-Related Violations	2011	---	🟢

[1] Source: Report to Washington State AOC - JIS Assessment, Sierra Systems, August 2008

JIS Application Portfolio

Long-term Sustainability Risk[1]



[1]Long-term sustainability refers to the ability of applications to provide current service levels over the next 5 years.
[2]Risk score is based on technical risk assessment by AOC Senior Enterprise Architecture staff, March 2012
[3] Impact score is based on number of users impacted and mission-critical nature of the application

Modernization - Top Focus Areas

Vision for Portfolio Modernization

- Mixed Portfolio based on COTS and Custom-built applications
- Focus on Integration and interoperability with both central and local applications
- Alignment based on JIS Baseline Services recommendations
- Reuse • Re-factor • Buy • Build

Portfolio Modernization Investment Candidates

Portfolio Items

Portfolio Item Replace

- SC-CMS
- EDMS plus additional enhancements
- New Accounting
- CLJ CMS

Portfolio Item New

- Adult Risk Assessment
- Superior Court Data Exchange
- Future State Enterprise Architecture Foundation including Information Networking Hub
- EDMS
- Judicial decision making, dashboards
- Reduced Sign-on, digital signatures
- Access to justice, multi-language forms
- Data Governance and Data Quality
- Alignment with National Court Data Standards

Retire

- PCH/CACH
- CAPS
- JIS
- SCOMIS
- ACORDS
- JRS
- JIS Accounting
- SCDX

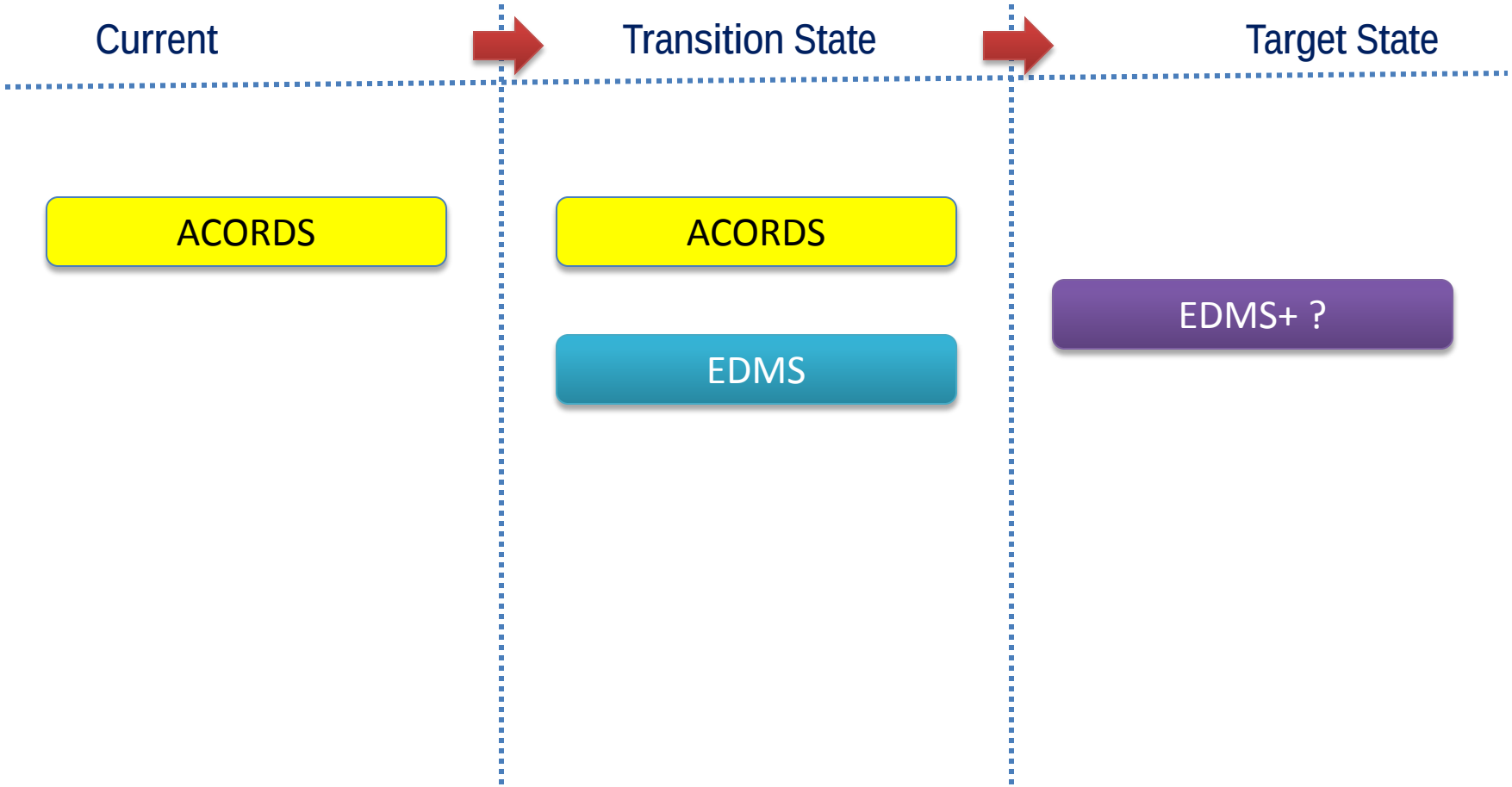
Enhance

- JABS, JIS Link & Public Web Search with Universal Access Portal
- JCS
- Data Warehouse
- JIS to use new version of COTS name search
- JIS archiving removal and destruction of records enhancements
- Seattle Municipal data exchange

Business Capabilities

Target State Portfolio

Supreme & Appellate Courts



Existing Application – No Changes
INH Related Changes
Interim State
Future State Application

Superior Courts

Current	Transition State	Target State
SCOMIS	SCOMIS	JIS Person
JIS – Superior Courts	JIS – Superior Courts	JABS
JIS Person	JIS Person	SC-CMS+Accounting?
JIS Accounting	JIS Accounting	ARA
JRS	JRS	Accounting?
JABS	JABS	
CAPS	CAPS	
	SC-CMS	
	ARA	

Existing Application – No Changes
INH Related Changes
Interim State
Future State Application

Juvenile Departments

Current	Transition State	Target State
JCS	JCS	JCS
JIS Person	JIS Person	JIS Person
Assessments.Com	Assessments.Com	Assessments.Com

Existing Application – No Changes | INH Related Changes | Interim State | Future State Application

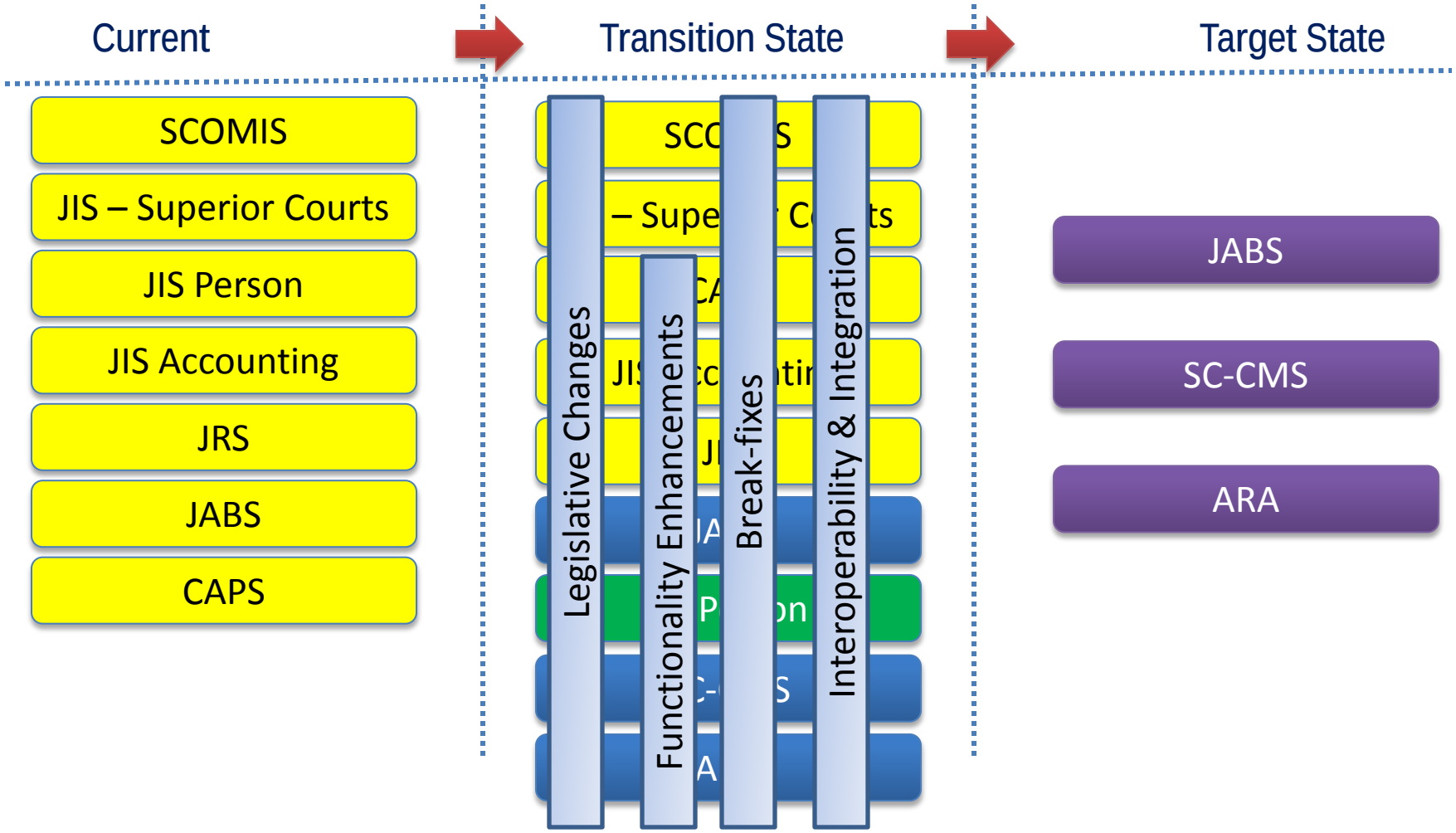
Courts of Limited Jurisdiction

Current	Transition State	Target State
JIS	JIS	CLJ-CMS+Accounting?
ETP	CLJ-CMS	ETP
JIS Person	ETP	JIS Person
JABS	JIS Person	JABS
VRV	JABS	VRV
JIS Accounting	VRV	ARA
	ARA	JIS Accounting?
	JIS Accounting	

Existing Application – No Changes | INH Related Changes | Interim State | Future State Application

Modernization Roadmap & Recommendations

Supporting a Portfolio - Example

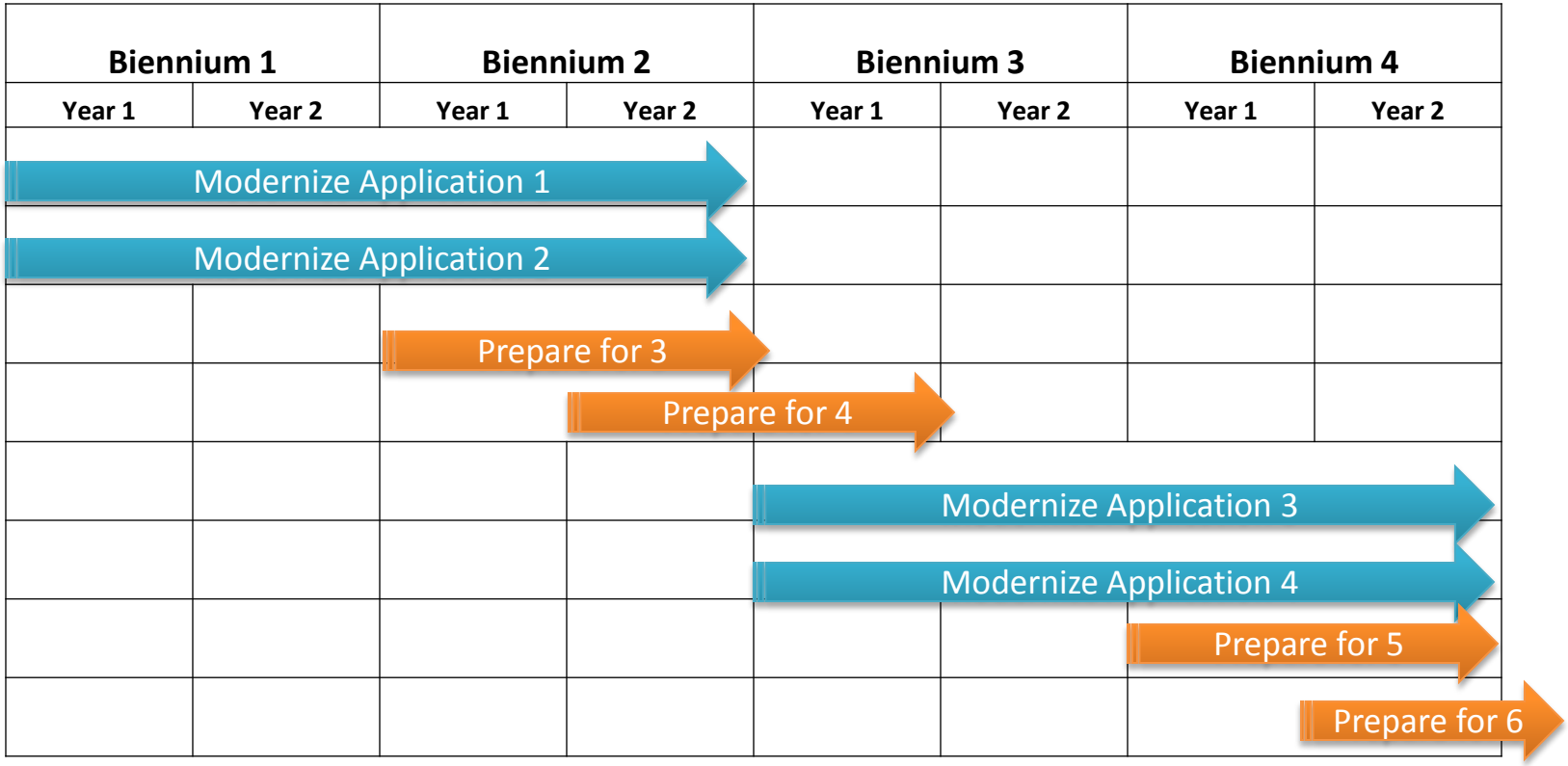


Observations & Recommendations

- Portfolio will be complex to very complex before becoming simple
- The longer we need to maintain dual applications, the more difficult it would be to manage change
- Drive standardization for business processes and minimize the variations in configurations
- Choose modernization scope based on holistic view of court level portfolio to minimize disruptions to courts
- Reduce the technology platforms required to support applications

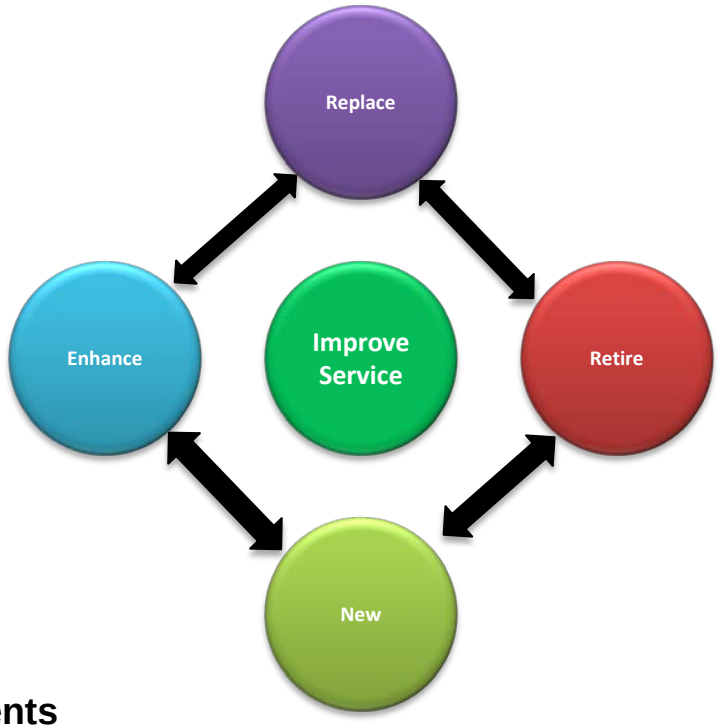
2-2-2 Modernization Roadmap

Two Applications, Two Preparations every Two biennium



- Resources are necessary from both AOC and Customers

Portfolio Modernization Investment Areas



Service Improvements

- On-boarding on ARA, VRV, E-Ticketing, INH, Data exchanges
- Agile On-boarding of courts to new applications

Robust services for on-boarding Courts to applications is the most critical factor for succeeding in JIS portfolio modernization

Questions