SC-CMS, INH & Other JIS Integration

An Enterprise Modernization Perspective

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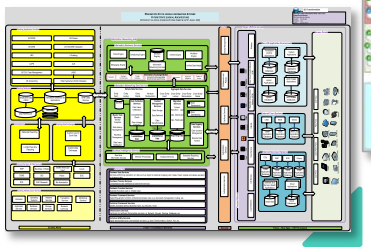
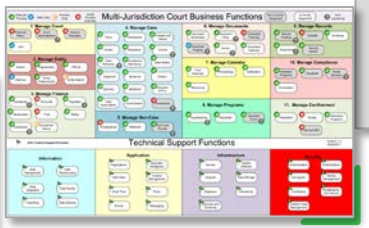
Agenda

- Enterprise Approach to JIS Modernization
- INH Roadmap
- SC-CMS Pilot Integration Efforts
- Other Court-Level wise Modernization Efforts
- Seven phases of JIS Modernization & Integration

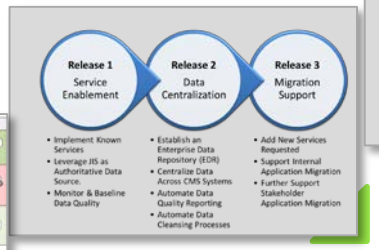
Background – Strategic Foundational Work



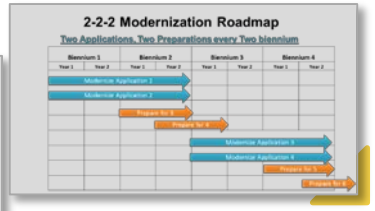
Future State Conceptual Architecture



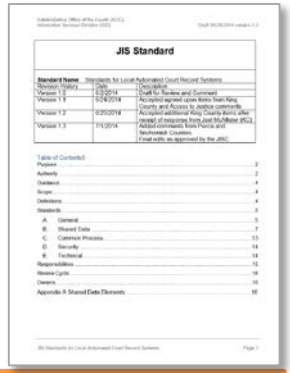
JIS Baseline Services



Information Networking Hub Roadmap

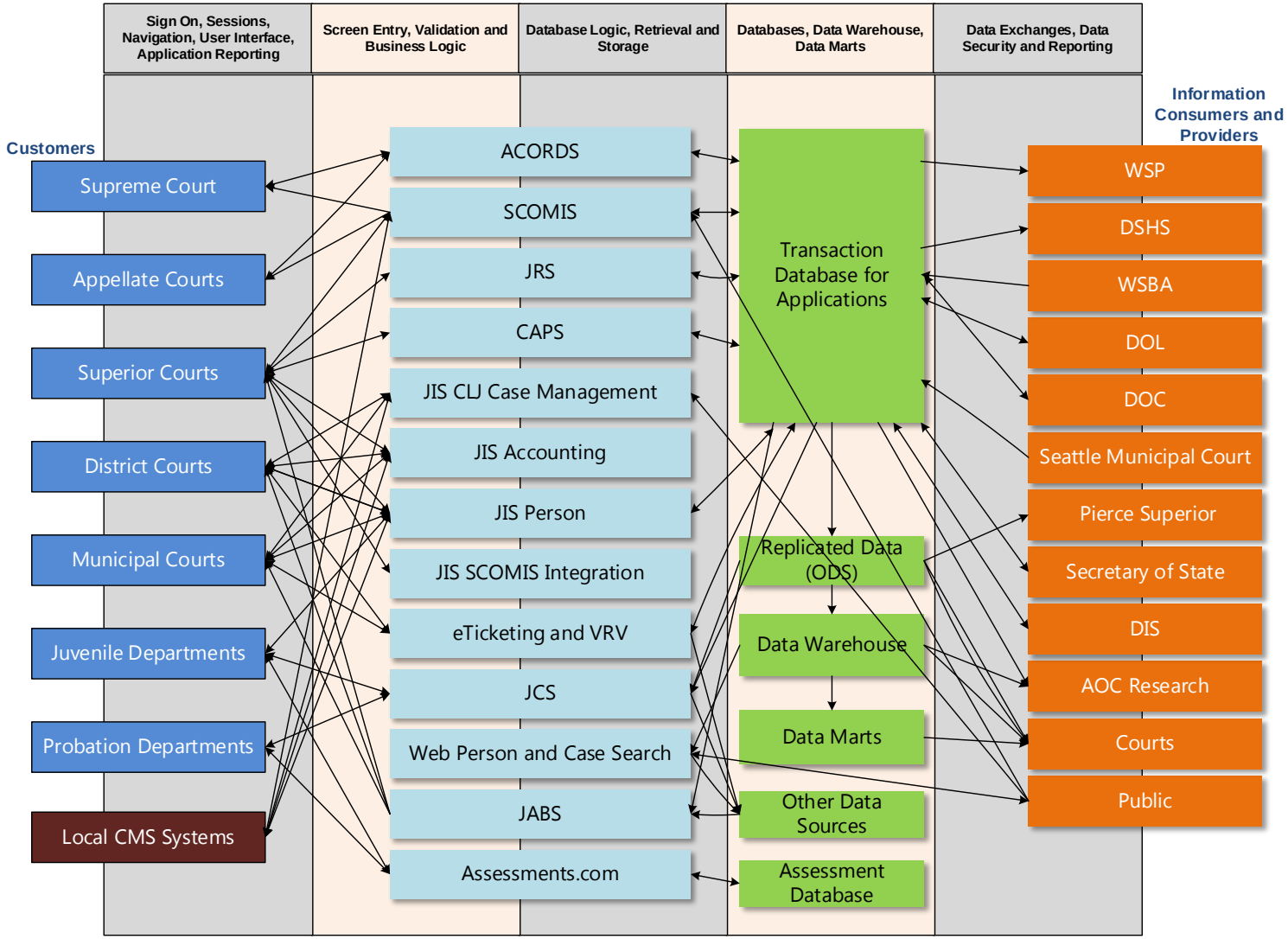


JIS Portfolio Modernization Roadmap



Local CMS Data Standards

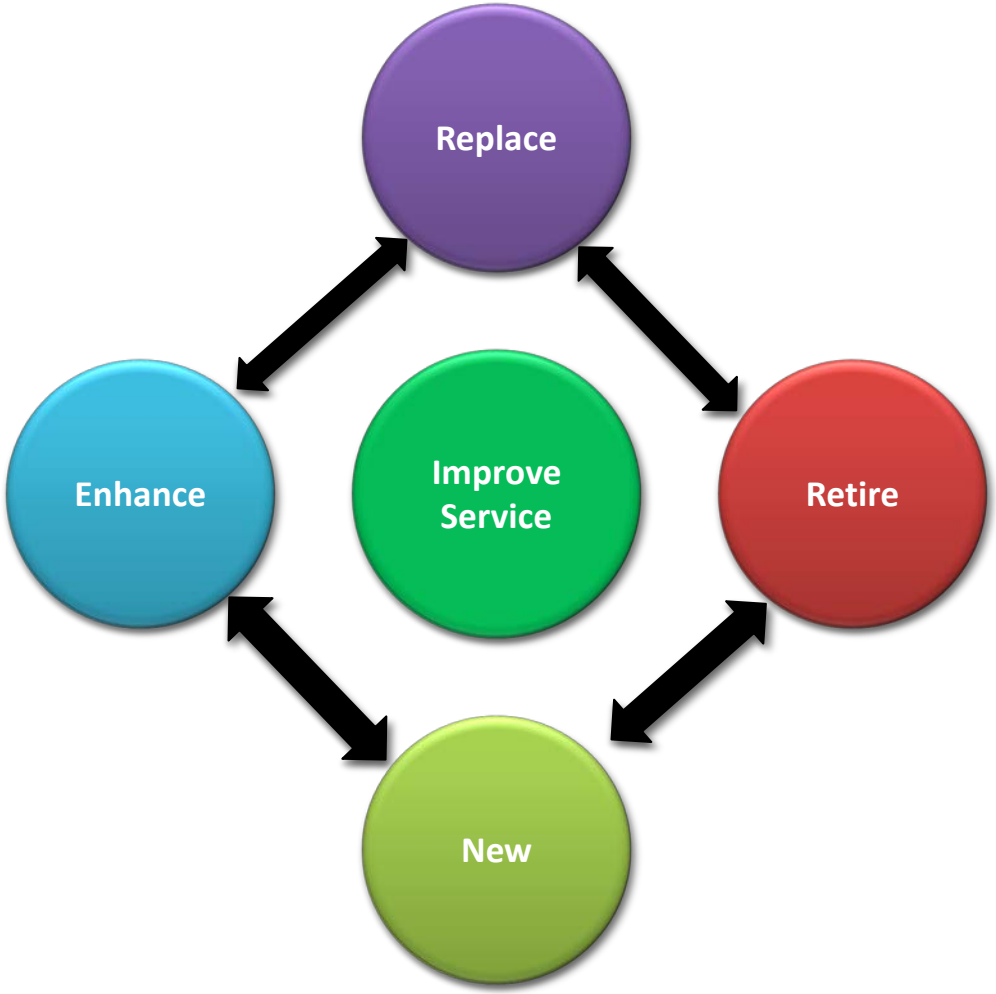
Current JIS Environment



JIS Modernization Principles

- Provide sustainable applications that fulfill courts' business requirements
- Simplify JIS environment
- Minimize User Impact for each system
- Minimize Impact on other system users
- Maximize information sharing & access of statewide data
- Synchronize deployment timelines with major system rollouts
- Minimize deployment and maintenance costs & risks

JIS Portfolio Modernization

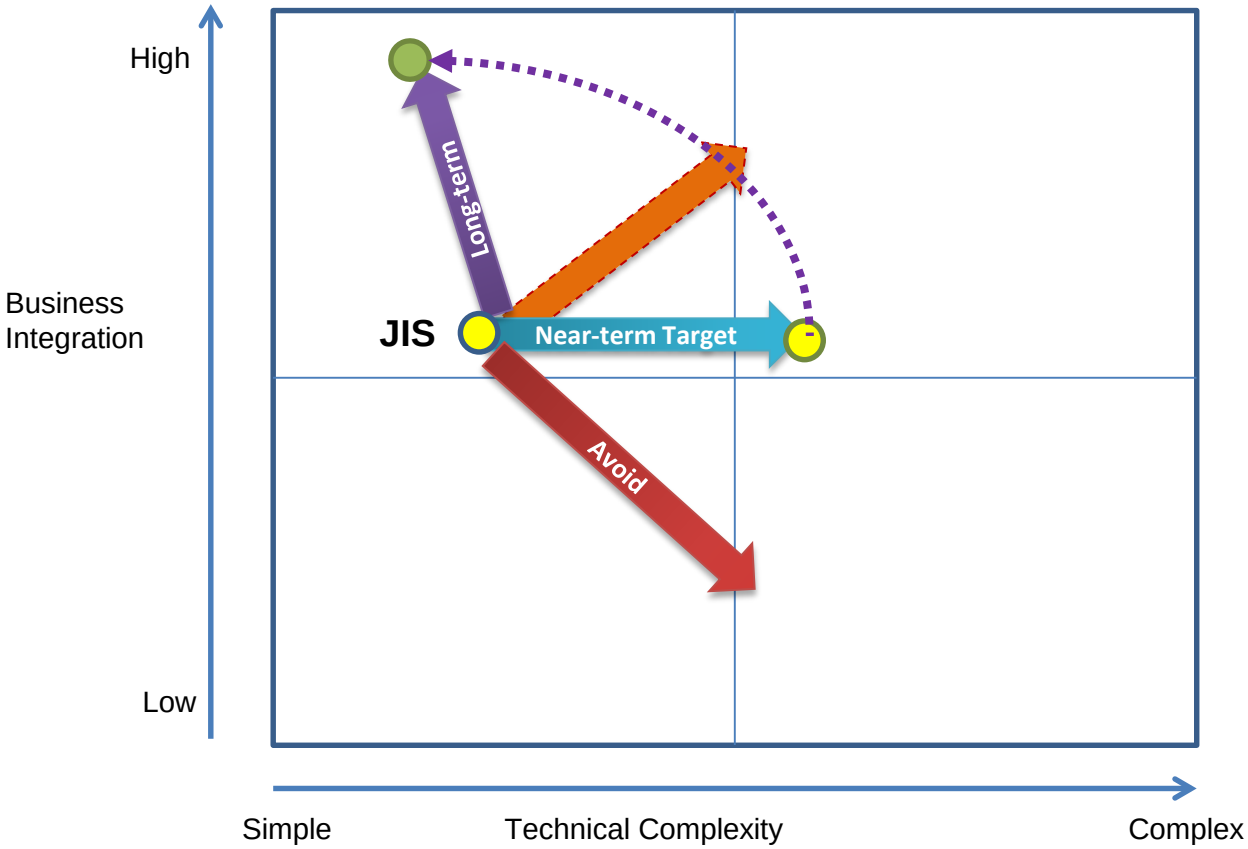


JIS Modernization Work

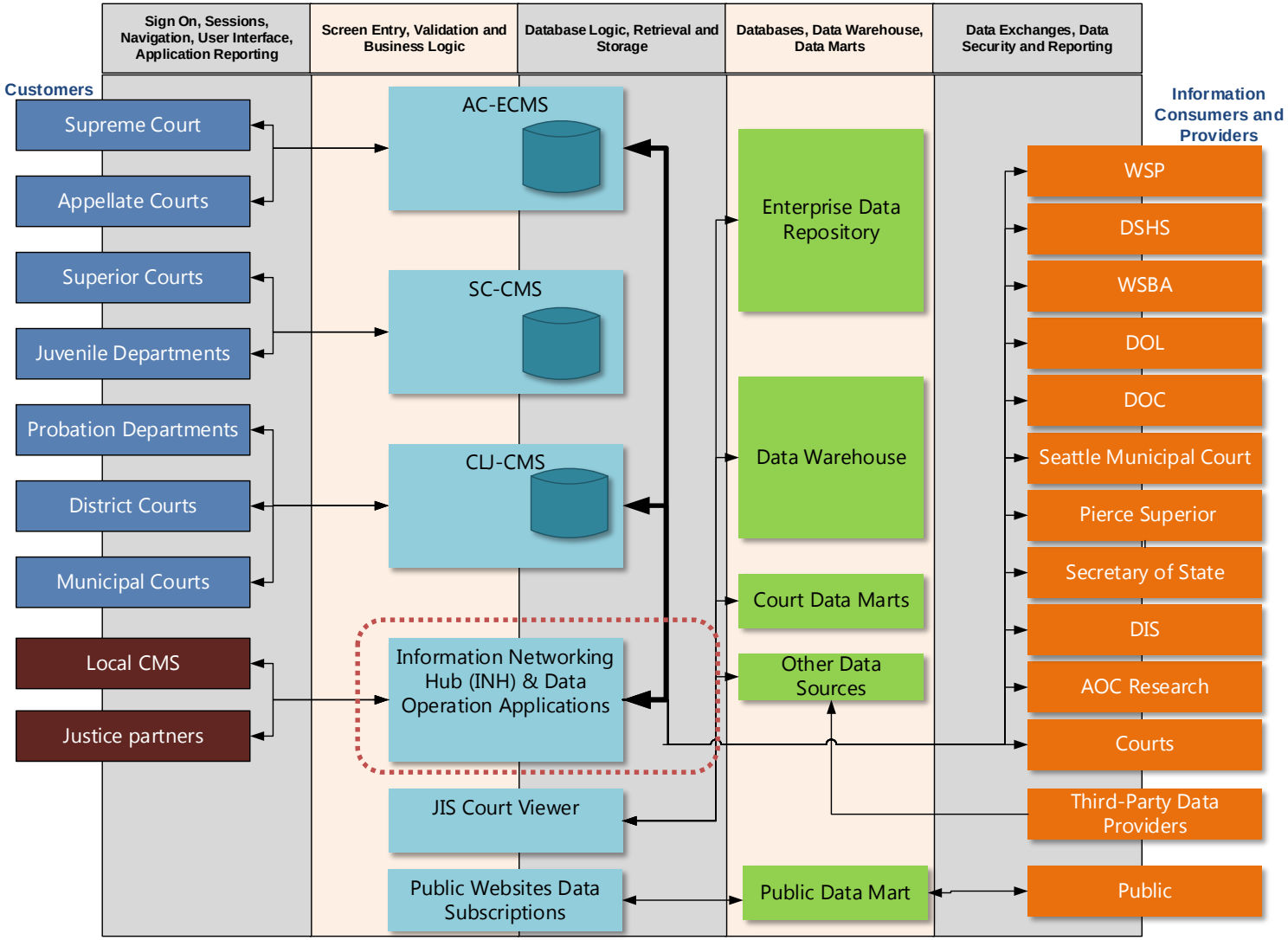
1. SCOMIS 2. JIS Accounting for Superior Courts 3. Judicial Receipting System 4. CAPS	Replaced By	1. Superior Court Case Management System (SC-CMS)
1. ACORDS	Replaced By	1. Appellate Court – Electronic Content Management System (AC-ECMS)
1. JIS aka DISCIS 2. JIS Accounting for CLJ Courts 3. eTicketing & VRV 4. Probation & Misdemeanant Correction	Replaced By	1. Courts of Limited Jurisdiction – Case Management System (CLJ-CMS)
1. Superior Court Data Exchange (SCDX) 2. Data Warehouse 3. Statewide Data Sharing	Migrated To	1. Information Networking Hub (INH)
1. Public Websites	Migrated To	1. Enhanced Public Website
1. Juvenile Correction System	Migrated To	1. Juvenile Correction Module
1. Judicial Access Browsing System (JABS) 2. Adult Static Risk Assessment 3. Assessments.com 4. JIS Link	Migrated To	1. JIS Viewer

Maintain Business Value

JIS Environment will become more and more complex before it becomes simpler



Conceptual Future State



JIS Modernization – Information Networking Hub (INH)

Information Networking Hub - Goals

1. **System Integration**- Provide standard tools/services for other systems to access data in legacy AOC systems.
2. **Central Data Access** - Access statewide court data from a single place.
3. **Data Quality Automation** – Automate improvement of data contained in court records and resolve potential data conflicts.
4. **Centralize Justice Partner Integration** – Provide Single Point for integrating with state agency and local court systems.
5. **System Transition Support** – Enable systems to evolve and migrate off of legacy data sources.

INH High Level Components

Data Environment

- Enterprise Data Repository
- Data Synchronizations
- Business Rules
- Data Quality Rules
- Security/ Dissemination
- Billing/Charging Models
- Customer Management

Data Access Methods

- Data feeds
- Web Services
- Reports
- Ad hoc Requests
- Other Methods

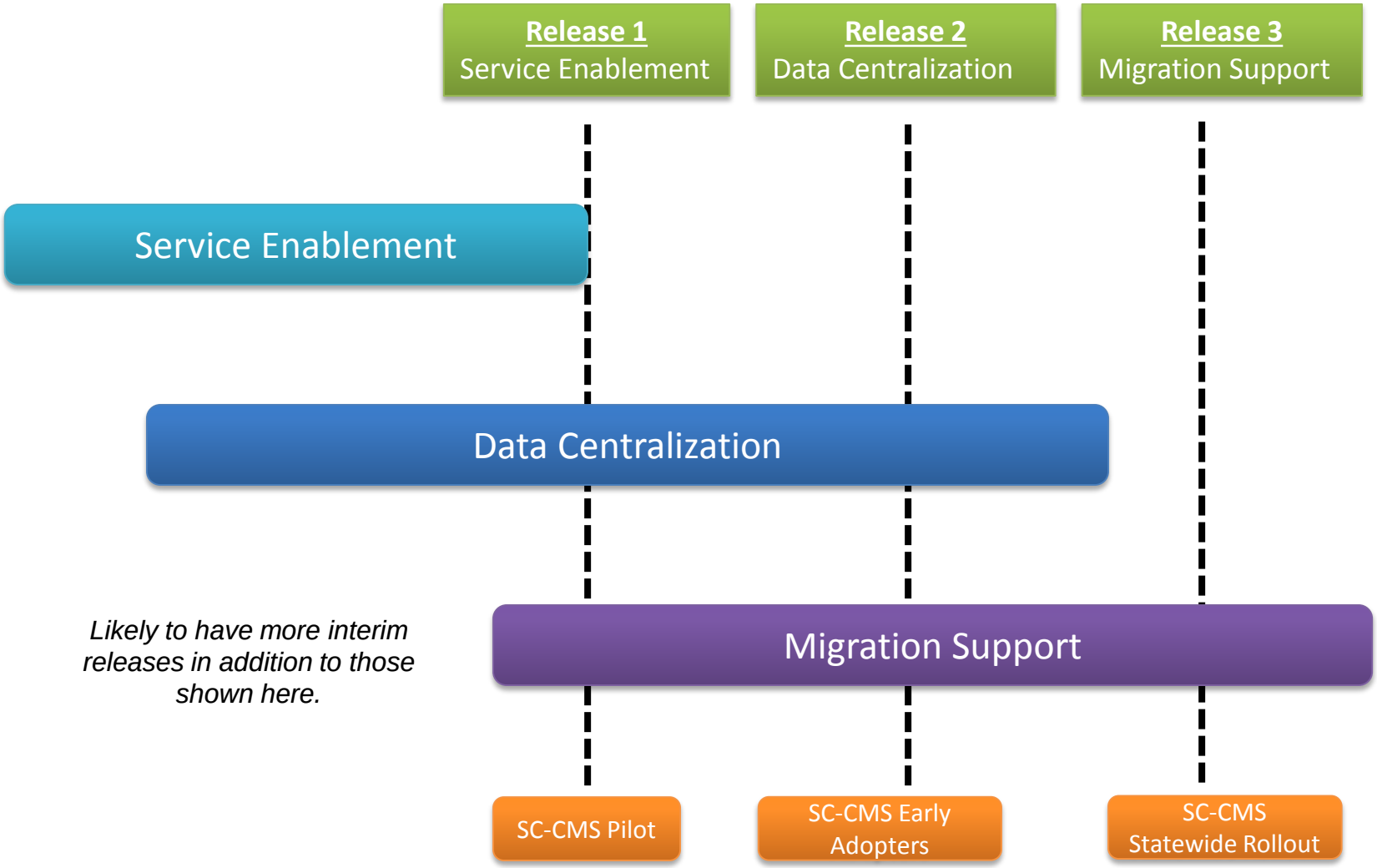
Data Governance

- Automated Data Correction
- Data Dissemination
- Statewide data/unified data model governance
- Data Stewardship assignments

Data Operations

- Ad hoc Request handling
- Error handling & Resubmissions
- Quality monitoring capability
- Rules Configuration& Maintenance
- Jobs/Batch Handling
- Customer onboarding
- External Partner interactions

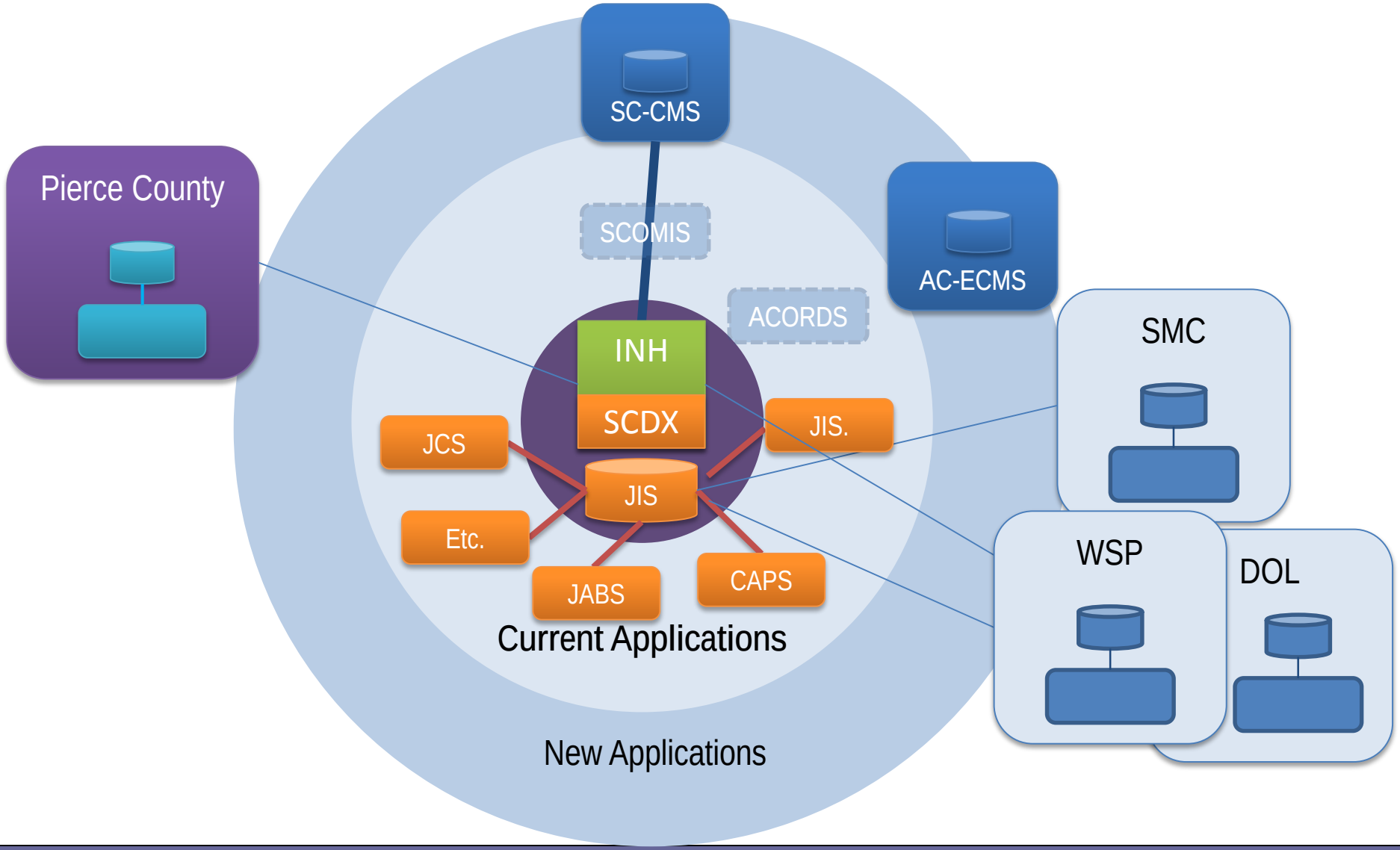
INH Release Approach



INH Release 1

- Support SC-CMS Integration by implement known services using SCDX baseline
- Leverage JIS as the authoritative data source.
- Monitor & baseline data quality

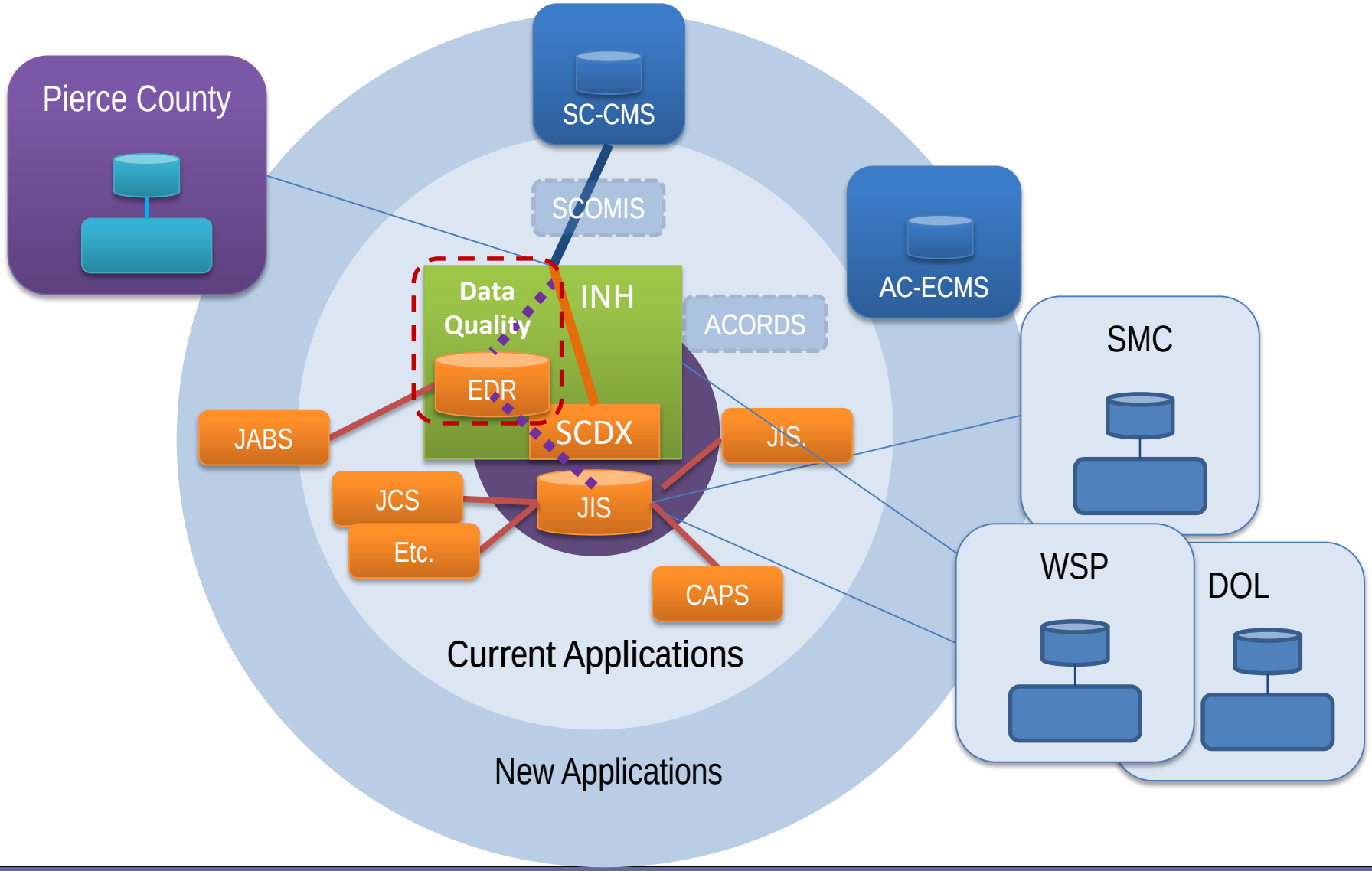
INH Release 1 – Service Enablement



INH Release 2

- Establish an Enterprise Data Repository (EDR) with business rules and data quality rules
- Data Synchronizations
- Security/ Dissemination
- Centralize Data Across CMS Systems
- Automate Data Quality Reporting
- Automate Data Cleansing Processes

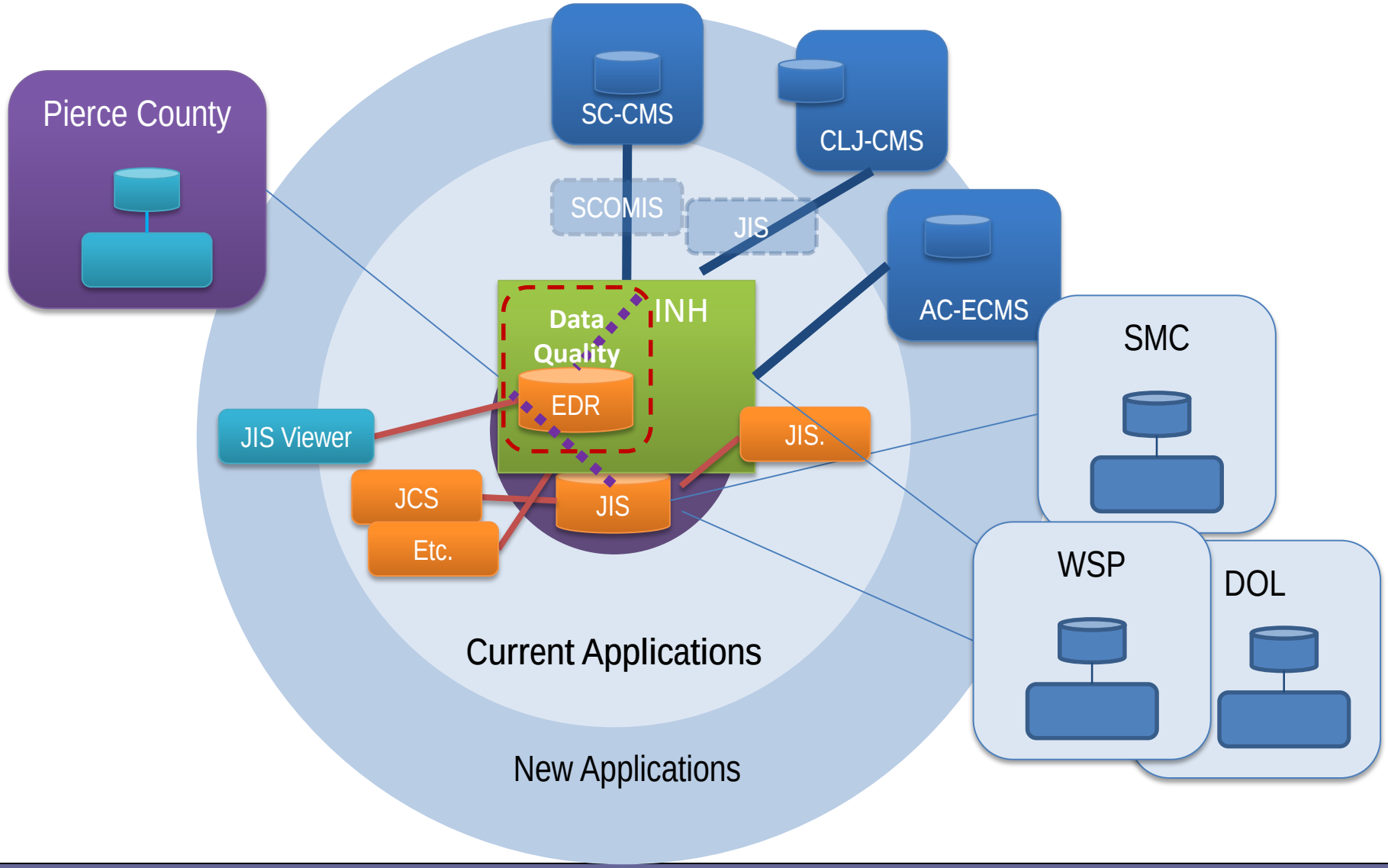
INH Release 2 – Data Centralization



INH Release 3

- Automated Data Correction
- Data Dissemination happens out of EDR
- Statewide data/unified data model governance
- Data Operation Applications and New Services
- Security/ Dissemination
- Paid and Unpaid Data Subscriptions and Customer Management
- Support Internal Application Migration
- Billing/Charging Models
- Further Support Stakeholder Application Migration

INH Release 3 – Migration Support



JIS Modernization – Superior Courts

Superior Courts

Current

- SCOMIS
- JIS – Superior Courts
- JIS Person
- JIS Accounting
- JRS
- JABS
- CAPS

Transition State

- SCOMIS
- JIS – Superior Courts
- JIS Person
- JIS Accounting
- JRS
- JABS
- CAPS
- SC-CMS
- ASRA
- INH Data Exchange

Target State

- SC-CMS
- JIS Viewer
- INH Data Exchange

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

SC-CMS Integration Problem

It is a very complex problem to solve. Largest integration effort for Tyler as it is the first state that is moving from an existing statewide system to Odyssey

SC-CMS rollout will create a JIS application landscape in transition for many years

It is a complex problem with many moving components in a dynamic environment

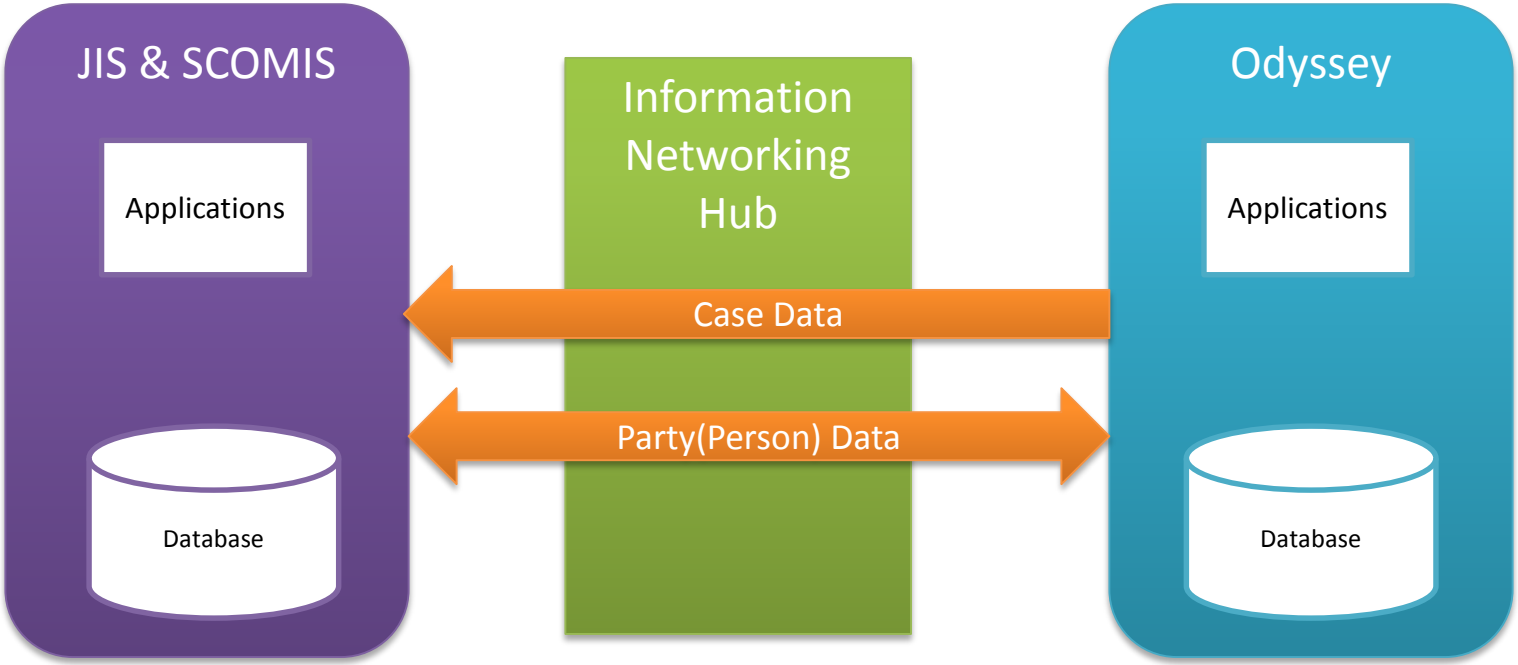
It requires careful coordination in several areas with an understanding of the long-term roadmap

Focus on Integration and interoperability with both central and local applications

Introduction of Odyssey Impacts All Courts & Users

Application	Case	People	Doc. Mgmt	Accounting	Reference	Dec. Support	Reporting
ACORDS	Impact						
AC-ECMS	Impact		TBD				
SCOMIS	Impact	Impact	Impact			Impact	Impact
JRS				Impact			
CAPS							
JIS CLJ Case Management		Impact				Impact	
JIS Accounting				Impact		Impact	Impact
JIS Person		Impact				Impact	Impact
JIS SCOMIS Integration		Impact				Impact	Impact
eTicketing							
JCS	Impact	Impact				Impact	Impact
JABS		Impact	TBD			Impact	
JIS Link						Impact	
Assessments.com							
ASRA						Impact	
VRV							
JIS Data Warehouse						Impact	Impact
Public Facing Web Sites						Impact	Impact
Public Data Warehouse						Impact	Impact
Internal Web Sites						Impact	Impact
Document Indexing Application			TBD				
Judicial Partner Data Exchanges		Impact		Impact			Impact
Data Exchanges with Courts						Impact	Impact
Odyssey	Impact	Impact	Impact			Impact	
JIS Statewide Reporting						Impact	

SC-CMS & JIS Integration Solution for Pilot



Coverage Provided by Solution

Application	Case	People	Doc. Mgmt	Accounting	Reference	Dec. Support	Reporting
ACORDS	INH-1						
AC-ECMS	INH-1						
SCOMIS	INH-1	INH-1				INH-1	INH-1
JRS							
CAPS							
JIS CLJ Case Management		INH-1				INH-1	
JIS Accounting				INH-1		INH-1	INH-1
JIS Person		INH-1				INH-1	INH-1
JIS SCOMIS Integration		INH-1				INH-1	INH-1
eTicketing							
JCS	INH-1	INH-1				INH-1	INH-1
JABS		INH-1				INH-1	
JIS Link						INH-1	
Assessments.com							
ASRA						INH-1	
VRV							
JIS Data Warehouse						INH-1	INH-1
Public Facing Web Sites						INH-1	INH-1
Public Data Warehouse						INH-1	INH-1
Internal Web Sites						INH-1	INH-1
Document Indexing Application							
Judicial Partner Data Exchanges		INH-1		INH-1			INH-1
Data Exchanges with Courts						INH-1	INH-1
Odyssey	INH-1	INH-1	ODY			JABS	
JIS Statewide Reporting						INH-1	

Pilot 1

Odyssey Case Data Replication in JIS

- Case data from courts that are using Odyssey will be replicated into the JIS system, via INH and using SCDX services.
- Allows all existing systems that rely on the JIS database to be a source of statewide data can continue to do so.
- This would be a temporary solution to allow more time to migrate existing applications to an alternate source for statewide data.
- Financial data through Odyssey would not be replicated into JIS

Pilot 2

Synchronize Party/Person Data in Odyssey

- Initial effort for managing person data across multiple operational systems. JIS Applications will use JIS person database to create, edit, and retrieve their person records.
- Odyssey uses its own party database to create, edit, and retrieve person records.
- The key elements of added/edited data in each system (minimal data, not all data) will replicate to the other system in near real time, in order to keep the two systems in sync.
- Integration via INH using the Odyssey Integration Toolkit.
- Party data synchronization is a long term requirement

Pilot 3

Statewide Information

- Enables a cross-court statewide data view (Local CMS Data Standards)
- JIS would remain a statewide case data source
- Allow the existing viewers such as JABS and JIS Link to operate as they do today
- JABS will be launched by Odyssey users as needed
- Financial data will be retrieved from JIS and Odyssey and displayed in JABS

Pilot 4

Other Applications

COTS-Prep Projects

- Integration of JCS financial data to Odyssey for courts that have moved to Odyssey
- Legal Financial Obligation (LFO) Billing to Department of Corrections (DOC) will be changed to include financial data for Odyssey courts from a new data source

AC-ECMS Project

- Existing ACORDS data will be available but AC-ECMS data will not be pushed into current JIS database

Pilot 5

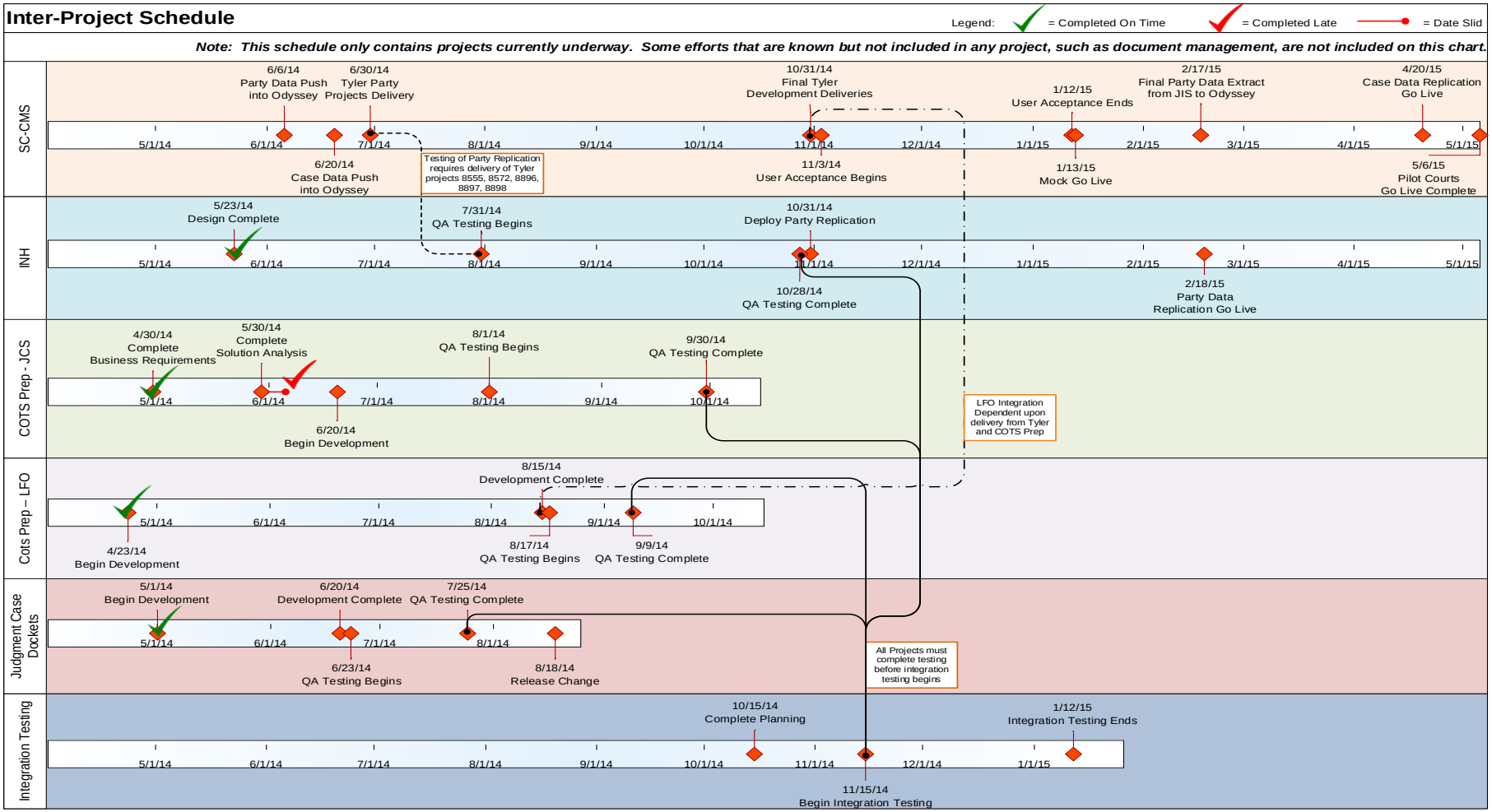
Justice Partner Exchanges Continue from JIS

- Department of Licensing (DOL) Firearms Integration
- Washington State Patrol (WSP) Dispositions
- Washington State Bar Association (WSBA) Attorney Cases Report
- Convicted Felon Notices to the Office of the Secretary of the State (OSOS)

Inter-Project Coordination Team (IPCT)

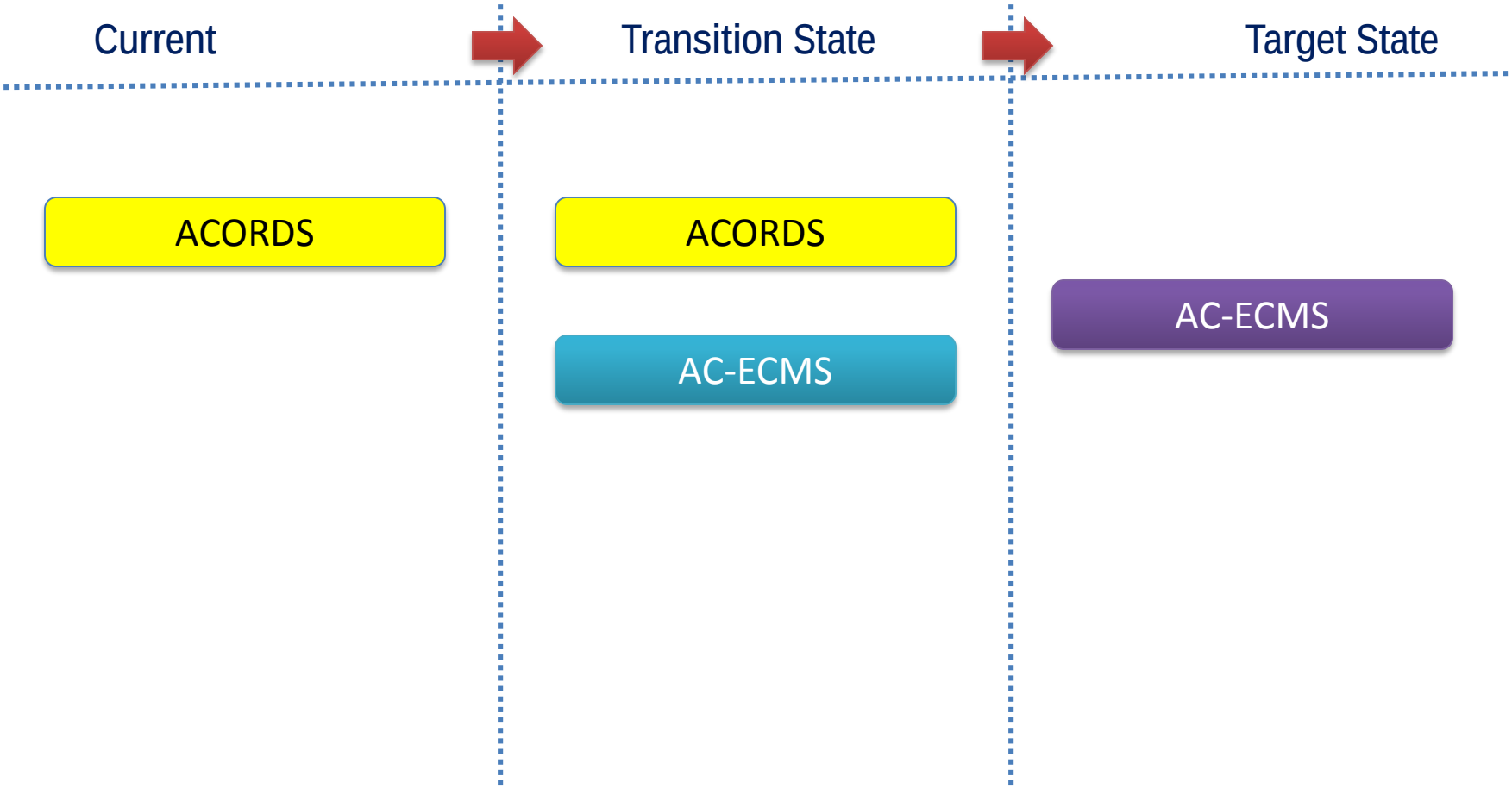
- Collaboration and Communication
- Schedule Coordination
- Risk Management and Mitigation
- Issue Management and Mitigation

SC-CMS Inter-Project Coordination Schedule



JIS Modernization – Other Court-Level wise Modernization Efforts

Supreme Court & Court of Appeals



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

Juvenile Departments

Current	Transition State	Target State
JCS	JCS	Odyssey or Other ?
JIS Person	JIS Person	Probation
Assessments.Com	Assessments.Com	Future Tool TBD
JABS	JABS	JIS Viewer
	INH Data Exchange	INH Data Exchange

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

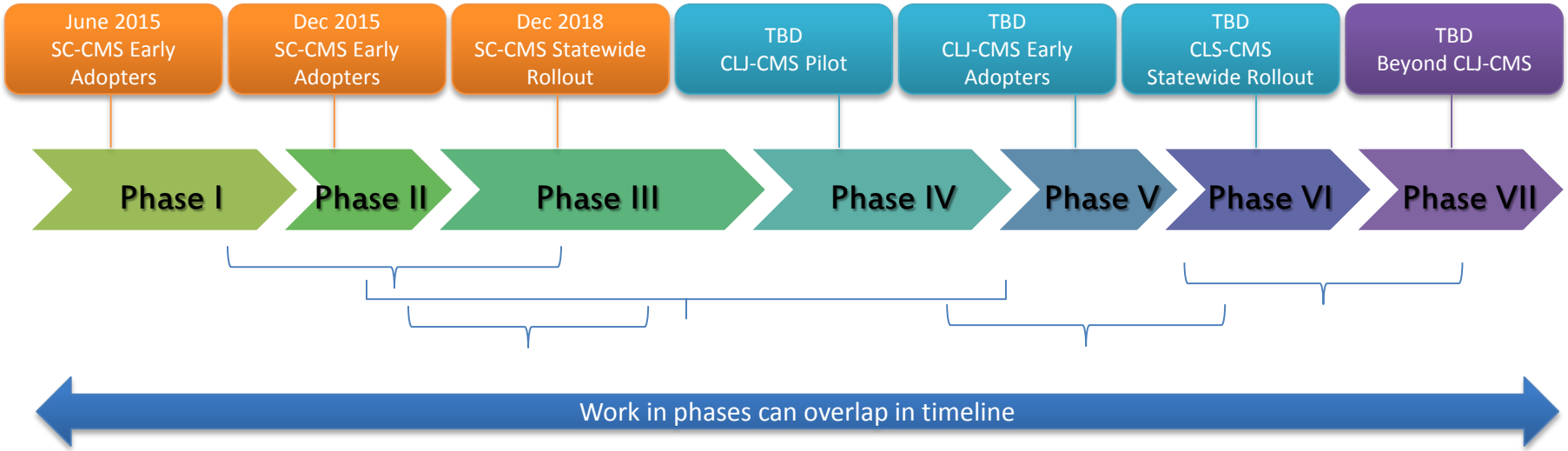
Courts of Limited Jurisdiction

Current	Transition State	Target State
JIS	JIS	CLJ-CMS
ETP	CLJ-CMS	Probation
JIS Person	ETP	JIS Viewer
JABS	JIS Person	INH Data Exchange
VRV	JABS	
JIS Accounting	VRV	
	ASRA	
	JIS Accounting	
	INH Data Exchange	

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

Phases of JIS Modernization & Integration

JIS Modernization Roadmap



- *Although tied to a single major milestone, each phase contains work for multiple court-levels, projects & customers*
- *As customers and project steering committees make decisions, the roadmap will be enhanced & aligned*

JIS Modernization Phases - Details

Please see the handout…

Risks & Mitigation

Risks	Mitigation
Case Replication is a complex task	There are multiple mitigation paths including direct data access
Legislative and other changes can pose challenges to multiple environments	Scale system rollouts where feasible by enhancing resource support
Long term use of synchronization/replication of data can has the potential to reduce data quality	Data quality & Data Governance must be operationalized through coordinated effort statewide
Increasing number of Local CMS Systems	Governance and monitoring of Local CMS Deployments with implementation of Local CMS Data standards at the earliest

Summary

- JIS Modernization is a complex challenge that we are methodically planning & addressing
- Each phase of JIS Modernization sets the stage for next
- SC-CMS Pilot phase integration efforts are complex and the project team is coordinating with other project teams
- JIS Modernization will be accomplished via seven phases
- With diligence and an enduring commitment to the roadmap, JISC can oversee the modernization of the entire JIS application portfolio bringing tremendous value to their customers

"Sustaining a strategy is hard. It demands a consistency of thought, of purpose, and of action over a long period of time."