Data Exchange Initiative

Strategy and Project Details

Superior Court Data Exchange (SCDX)
Information Networking Hub (INH)

Joel Byford, INH Technical Lead
Dan Belles, INH Project Manager

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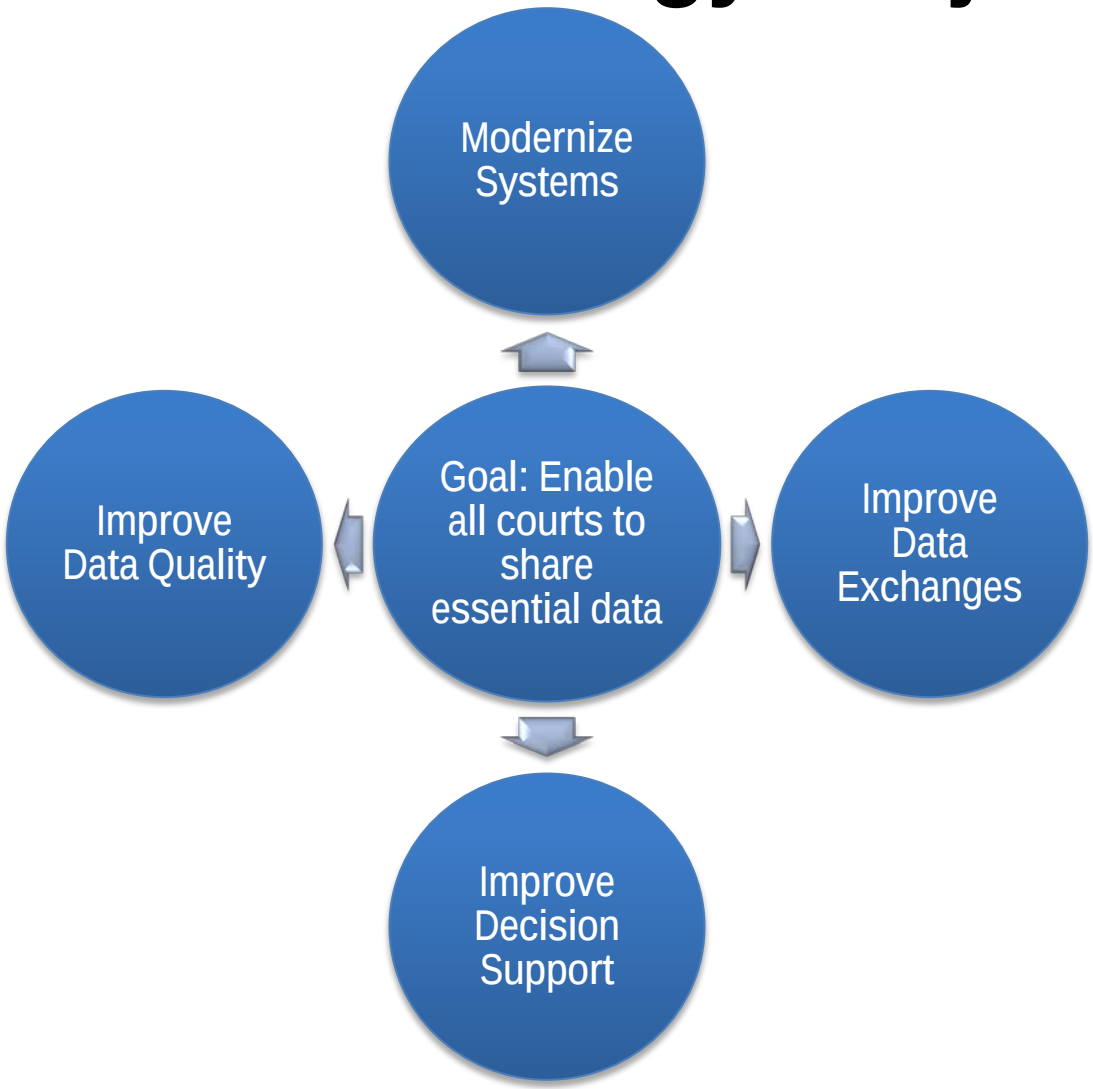
Primary Information Strategy

Goal: Enable All Courts To Share Essential Data

- Required to Ensure Public Safety
- All Courts (Regardless of Technology Environment) Entitled to Court Data.
- Good Data Leads to Good Decisions.

Information Strategy: Objectives



Governance

Goal: Enable All Courts to Share Essential Data

Objectives	Improve Data Quality	Improve Data Integration	Improve Decision Support	Modernize Systems
System Modernization Initiative	X		X	X
Data Quality Initiative	X	X	X	
Data Exchange Initiative	X	X	X	X

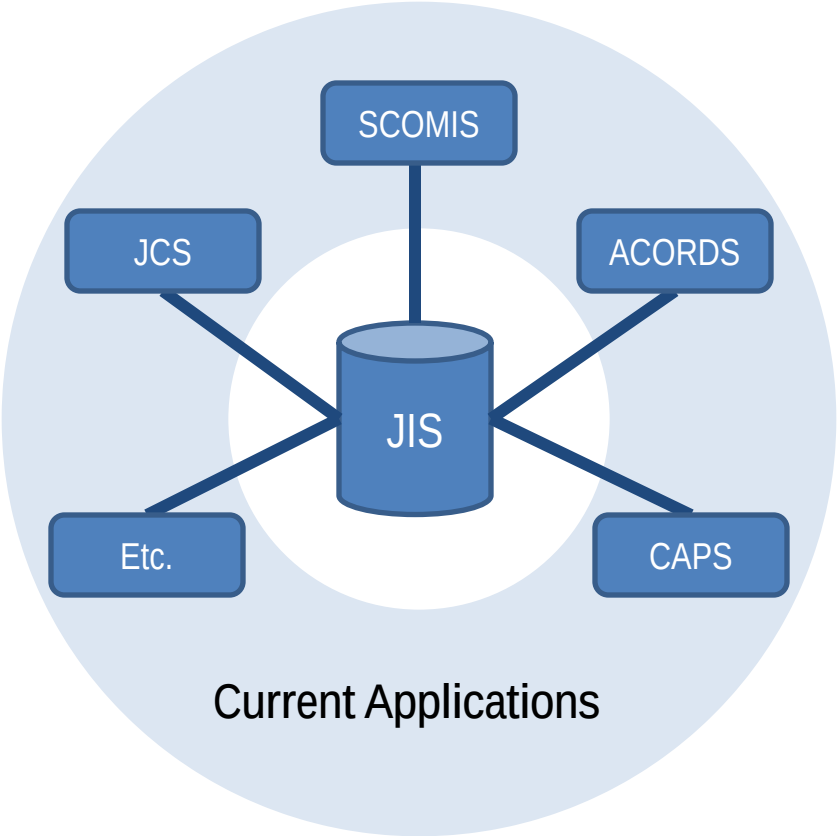
Each Initiative Has Multiple Projects

Data Exchange Initiative

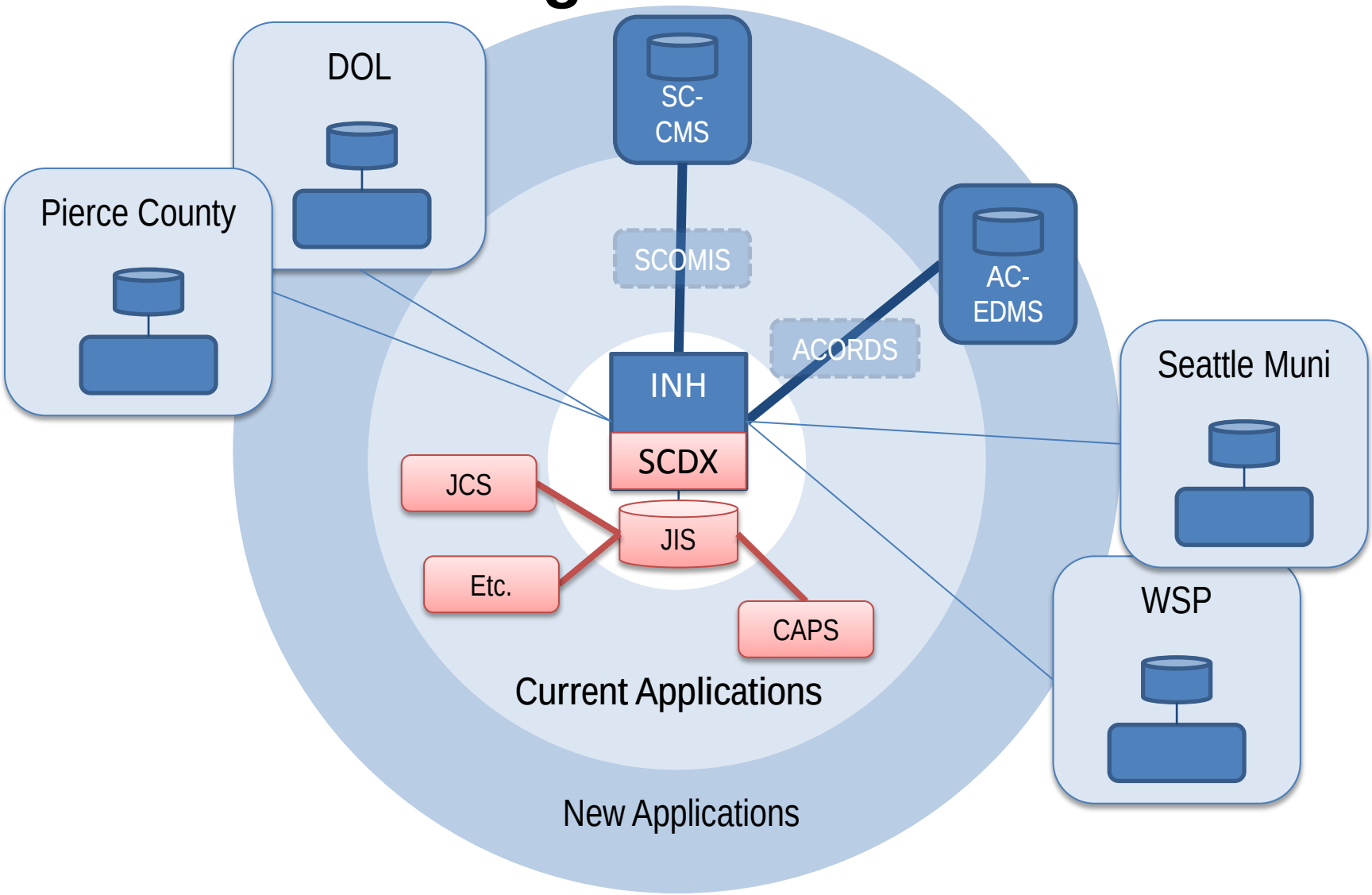
- **Established With the Following Key Goals:**
  - Improve Data Sharing Across Various Court Systems and Justice Partners
  - Enable Transition to New Technologies
  - Use Open & National Standards for Data Sharing
  - Simplify and Standardize Cross-Agency Data Sharing

- **Currently Includes Two Active Projects**
  - Superior Court Data Exchange (SCDX)
  - Information Networking Hub (INH)

Data Exchange - Current Environment



Data Exchange – Future Environment



Data Exchange Initiative

Superior Court Data Exchange (SCDX) Project

SCDX Functional Purpose

Improve Timeliness and Completeness of Information Sharing Across Superior Courts

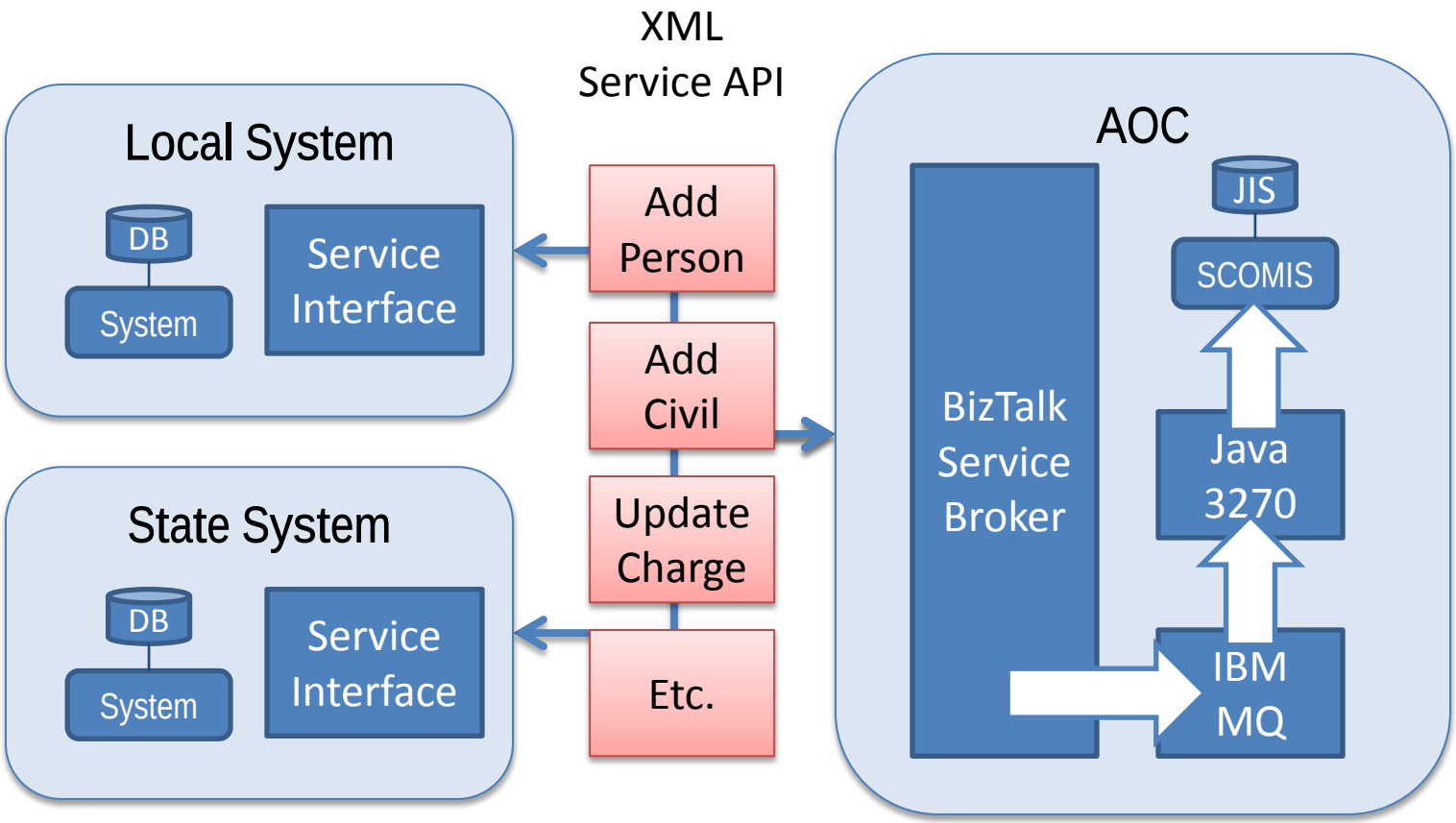
- Reduces Redundant Data Entry
- Allows Local Courts More Technology Independence.
- Provide Local Courts More System Integration Options

SCDX Technical Purpose

Provide Modern Technology Access for Legacy SCOMIS Transactions

- Underlying Technology
  - Web Services Model
  - National Information Exchange Model (NIEM)
  - Microsoft BizTalk
  - IBM Message Queuing for Guaranteed Delivery
  - Java 3270 Emulation

SCDX Conceptual Architecture



SCDX Service/Exchange Inventory

STATE OF WASHINGTON AOC
SCOMIS DATA EXCHANGE PROJECT & INH
SCDX EXCHANGES BY FAMILY GROUPS

#	Exchange Family	Add	Update	Delete	Other
Case Initiation					
	Criminal Filing	10.01.1	10.01.2	-	-
	Civil Filing	10.02.1	10.02.2	-	-
	Juvenile Offender Filing	10.03.1	10.03.2	-	-
	Juvenile Dependency	10.04.1	10.04.2	-	-
	Judgment Case	10.40	10.41	-	-
	Information	-	10.51.2	-	-
	DOL Person Info	-	-	-	-
	Case Referral	10.05.1	10.05.2	10.05.3	-
Case Processing					
	Case Suspended Status	10.20.1	10.20.2	10.20.3	-
	Process Control Number	10.30	-	10.32	-
	Case Docket	40.10	40.13	40.14	**Insert** 40.12
Charge Processing					
	Information Charge	10.51.1	-	10.51.3	-
	Charge	10.53.1	10.53.2	10.53.3	-
Case Participants					

List of Available Services To Be Published On Data Exchange Portal

Data Exchange Initiative

Information Networking Hub (INH) Project

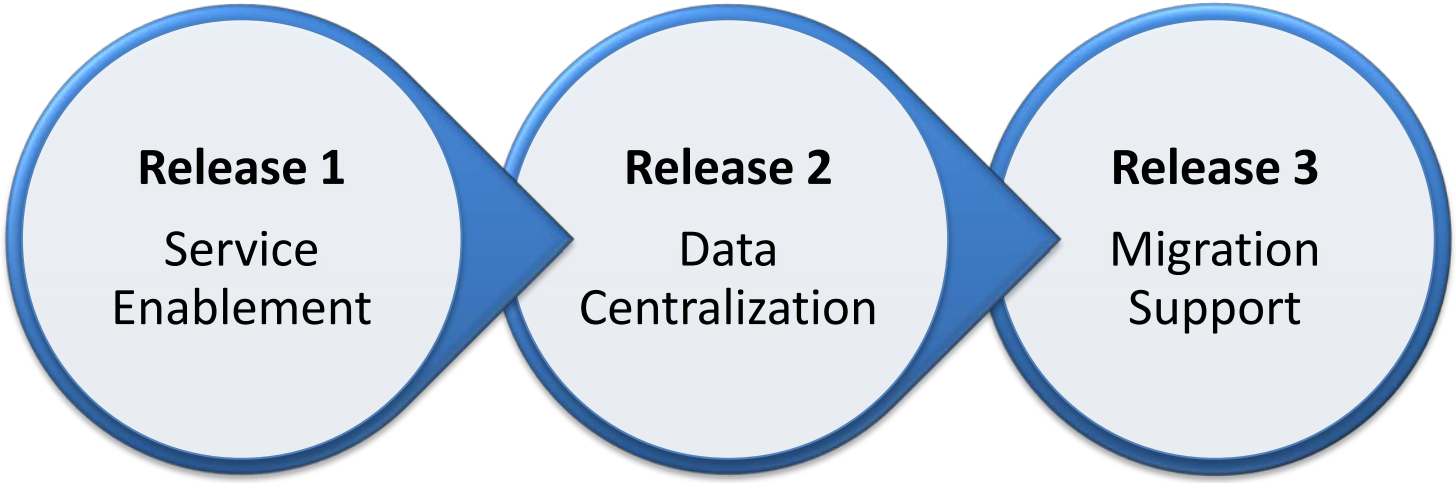
Overall INH Goals

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 data and resolve potential data conflicts.
4. Centralize State Agency Integration – Provide Single Point for integrating with state agency systems.
5. System Transition Support – Enable systems to evolve and migrate off of legacy data sources.

Strategy Principles

- Minimize User Impact
- Minimize Impact on Other Systems
- Harmonize with SC-CMS Deployment
- Modernize Information Sharing
- Consolidate View & Access of Statewide Data
- Leverage Prior Project Work Where Possible

INH Release Strategy

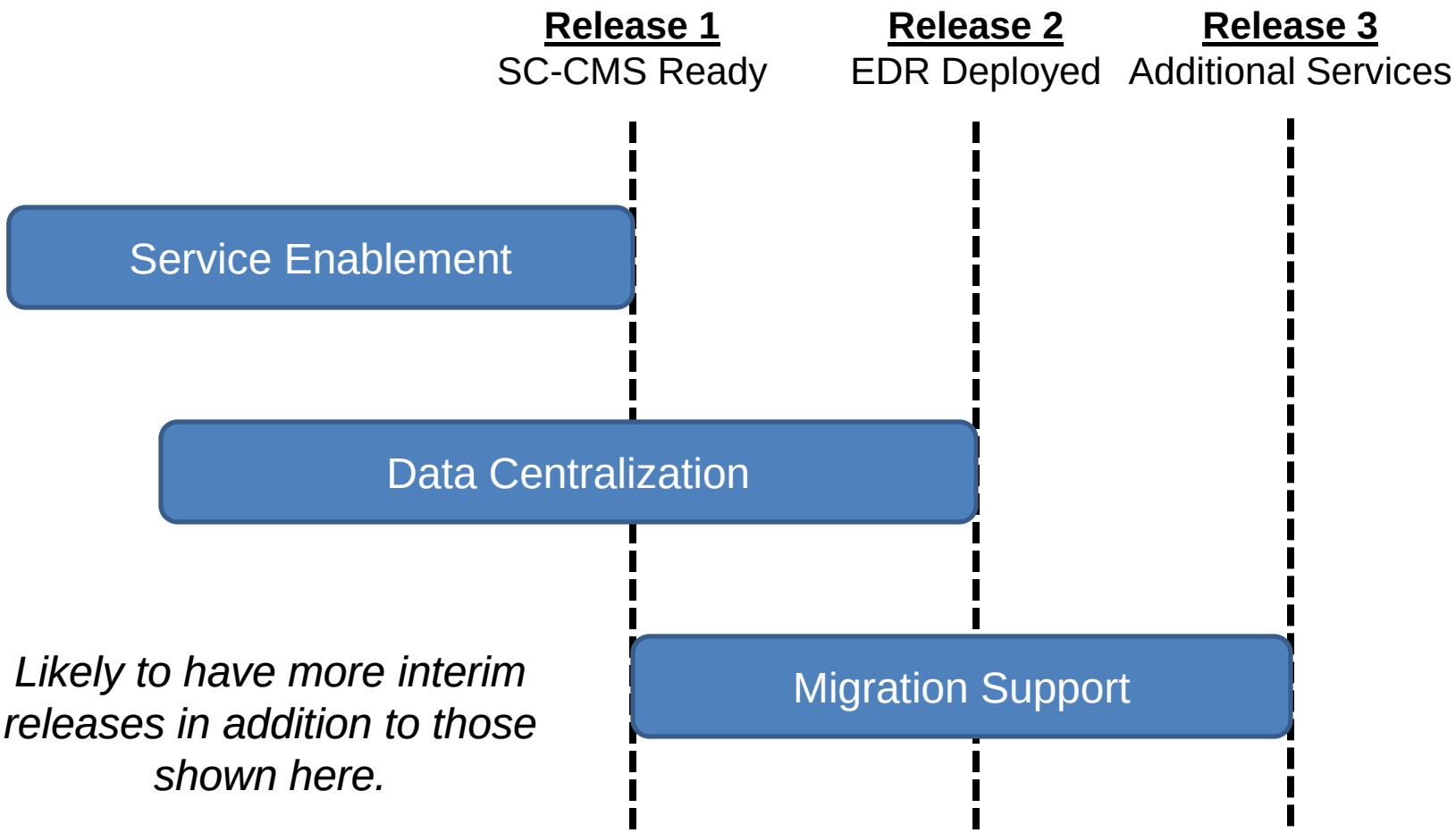


- Implement Known Services
- Leverage JIS as Authoritative Data Source.
- Monitor & Baseline Data Quality

- Establish an Enterprise Data Repository (EDR)
- Centralize Data Across CMS Systems
- Automate Data Quality Reporting
- Automate Data Cleansing Processes

- Add New Services Requested
- Support Internal Application Migration
- Further Support Stakeholder Application Migration

INH Release Approach



Likely to have more interim releases in addition to those shown here.

Release 1 - 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.
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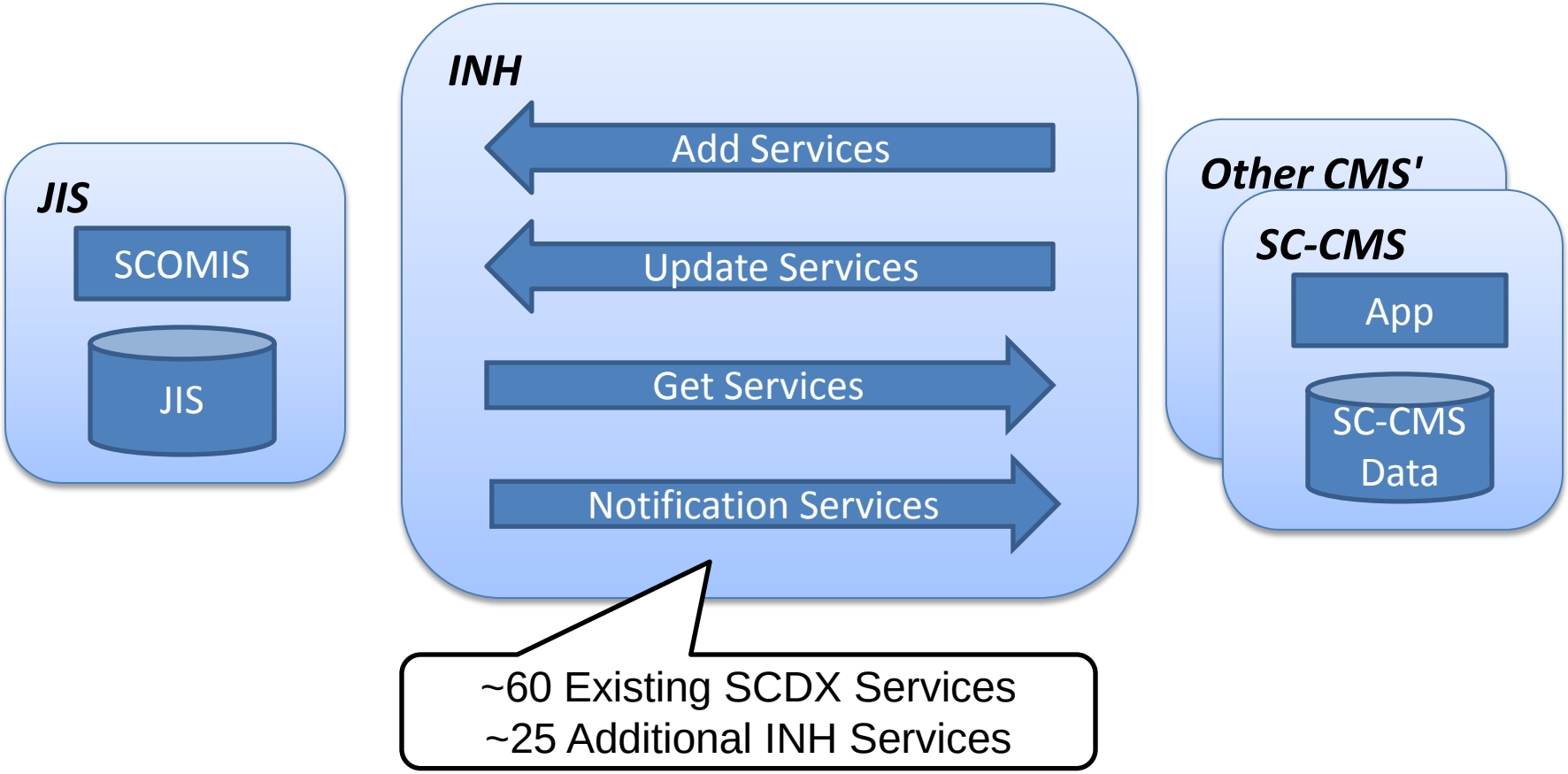
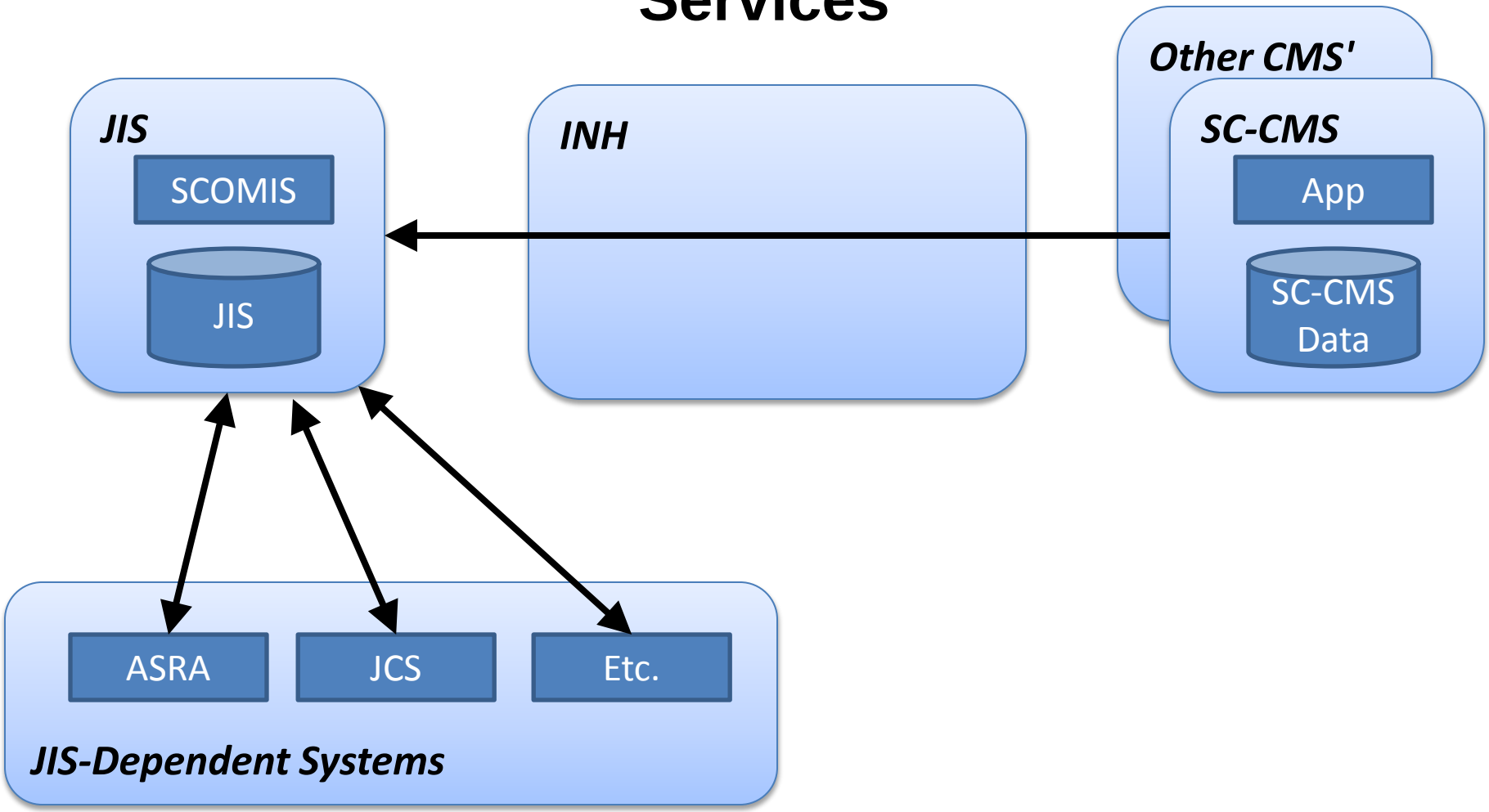
Release 1 - End State



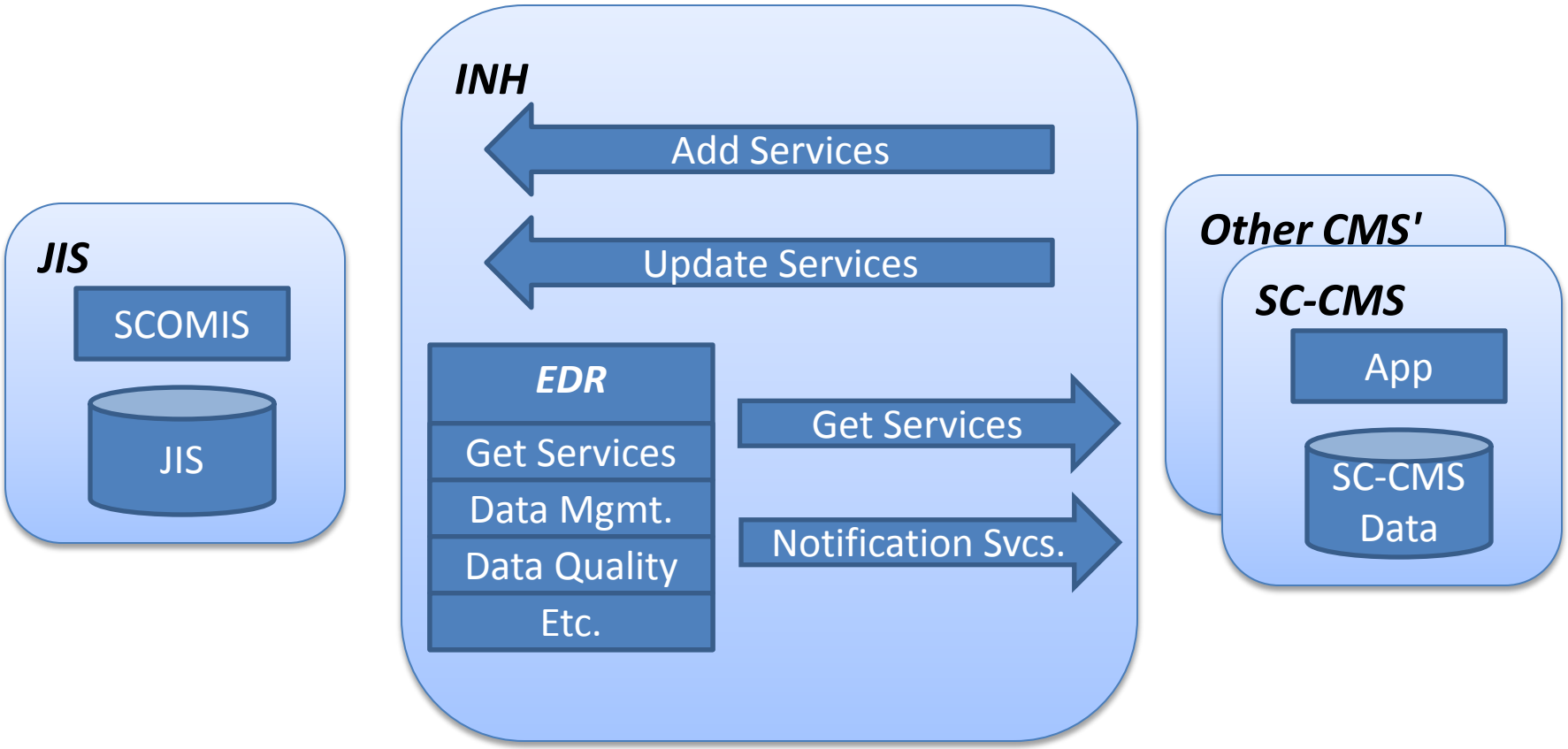
JIS-Dependent Systems Maintained Through Services



Release 2 - 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 State Agency Integration – Provide Single Point for integrating with state agency systems.
5. System Transition Support – Enable systems to evolve and migrate off of legacy data sources.

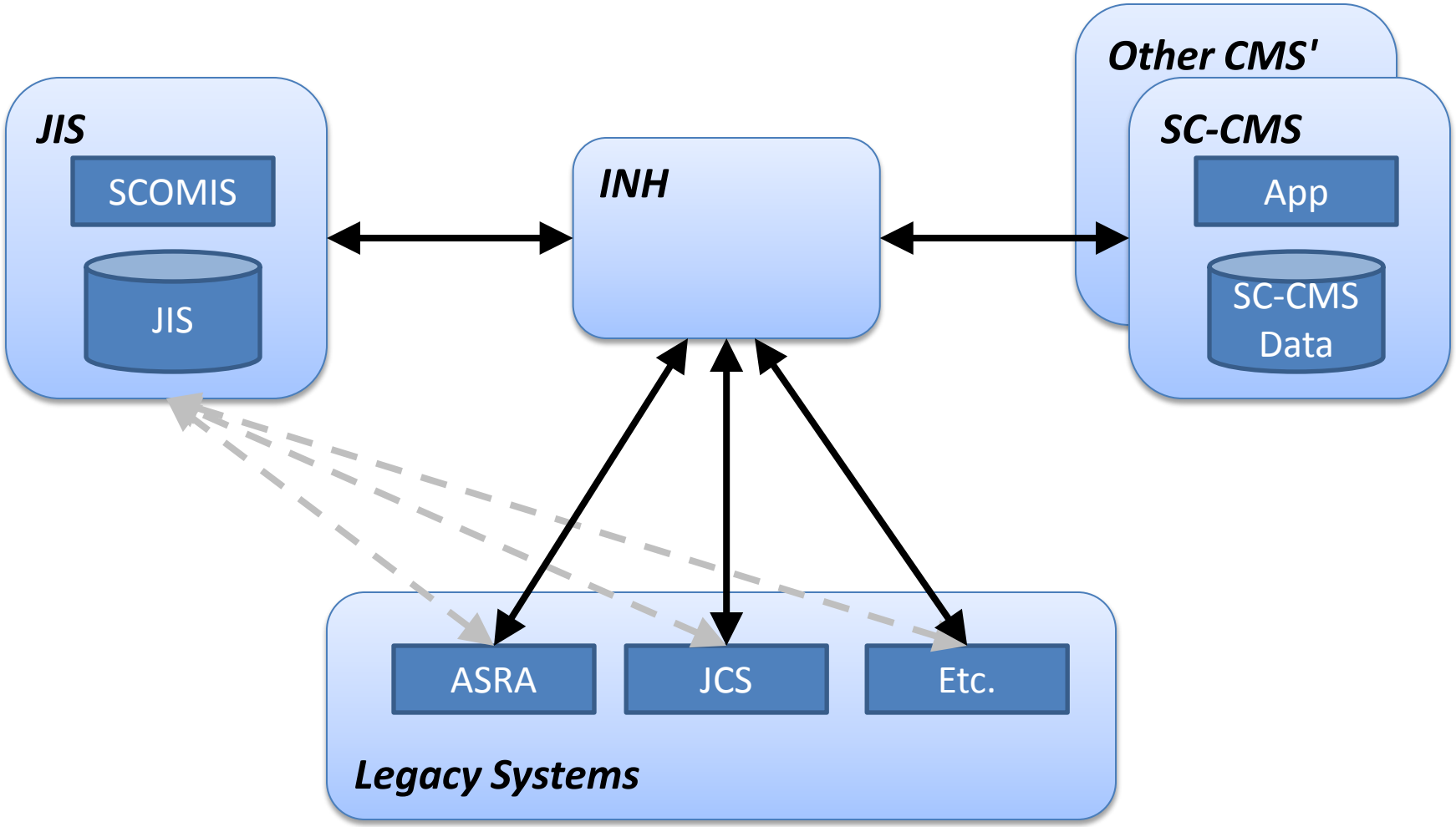
Release 2 – End State



Release 3 - 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 State Agency Integration – Provide Single Point for integrating with state agency systems.
5. System Transition Support – Enable systems to evolve and migrate off of legacy data sources.

Release 3 – End State



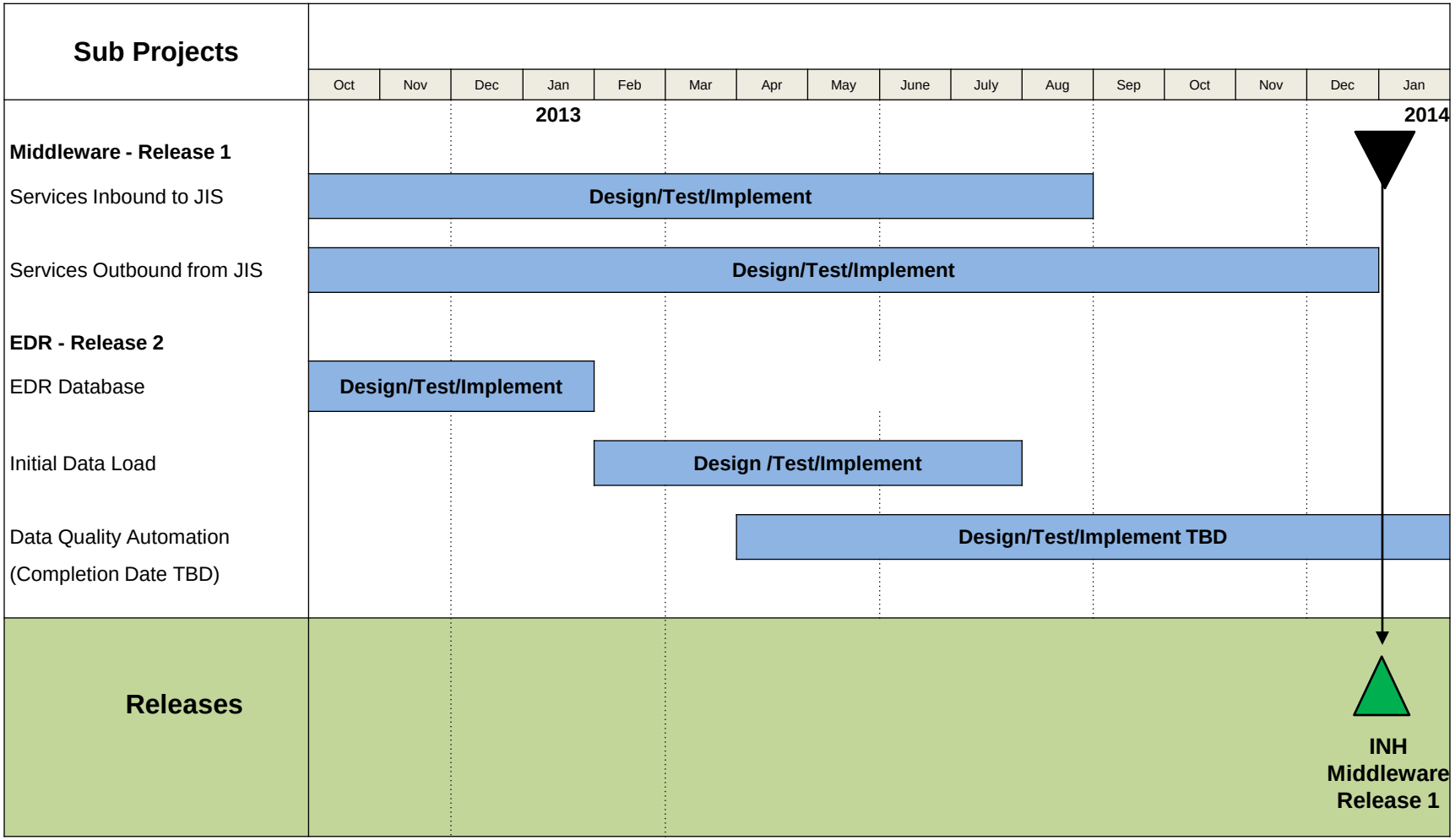
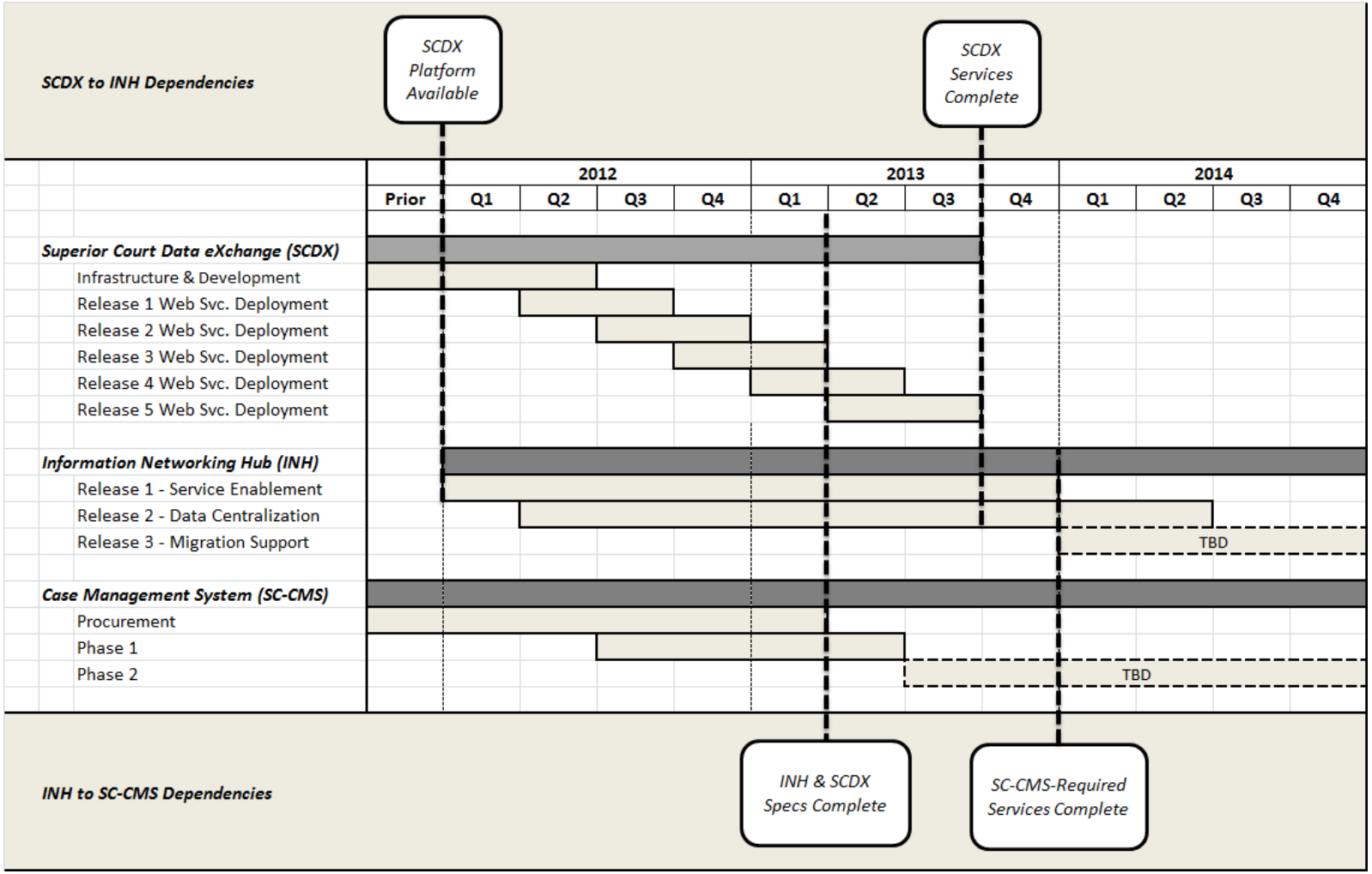
Release/Sub-Project Status

Release	Design	Develop	Test	Deploy
1 – Service Enablement	Complete	WIP	-	-
2 – Data Centralization	WIP	-	-	-
3 – Migration Support	-	-	-	-

Additional Information

- **Release 1-Initial Pilot** – Service enablement pilot completed to prove out the first 2 services and confirm design. Lessons learned rolled into design and plans.
- **Release 1-Service Enablement** – Requirements and design are substantially complete. Developers working through
- **Release 2-Data Modeling** - Centralized data model being designed to incorporate both old and new CMS data structures. Plan to present draft model at a future DMSC.

INH Project Timeline



Cross-Project Dependencies