Information Networking Hub (INH)

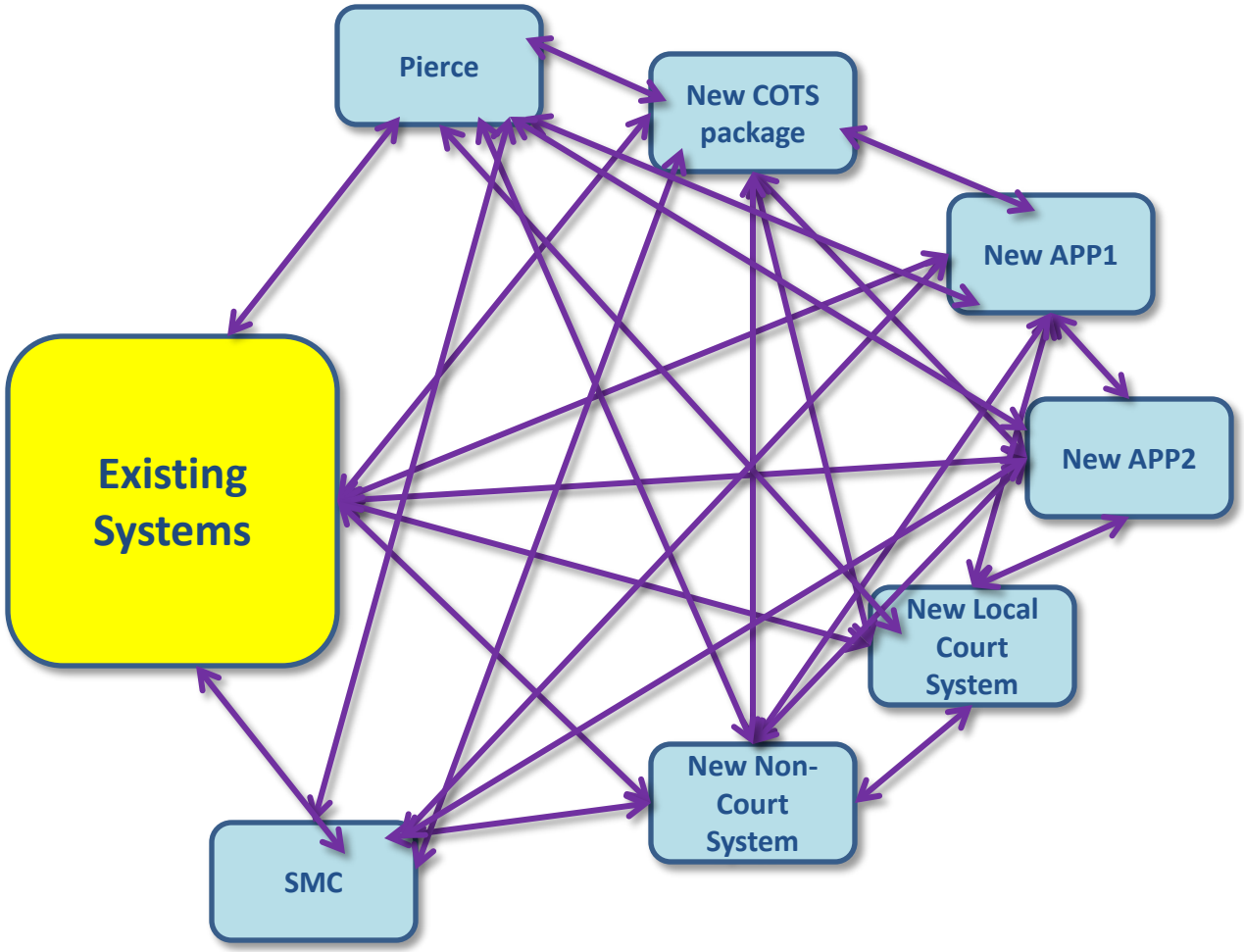
Program Overview and Update

Data Management Steering Committee
February 16, 2012

INH Background

- Transformation Initiatives
  - ✓ 3.1 Enterprise Architecture Management
  - – 7.1 – 7.5 Master Data Management
  - – 8.1 – 8.4 Data Exchanges
- ✓ Future State Enterprise Architecture
- ✓ JIS Baseline Services
- Superior Court Data Exchange (SCDX)
- Superior Court Case Management System (SC CMS)
- Needs of other local systems (COTS, RMS, Imaging, etc.)

INH Primary Problem - Complexity



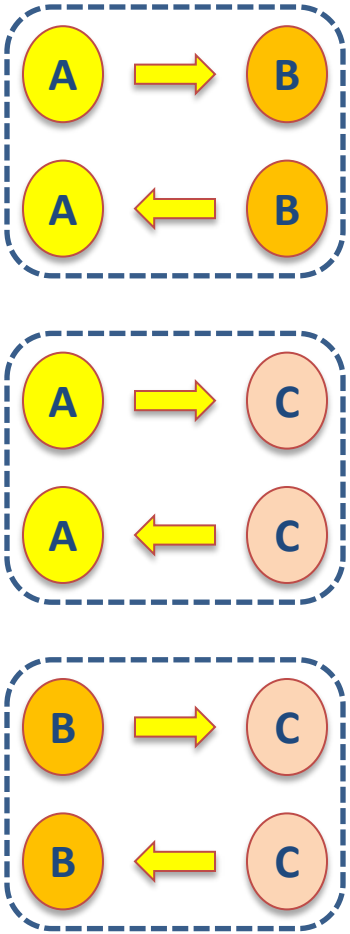
Other Current Problems

- Duplicate data entry is inefficient and costly
- It is difficult and costly to scale specialized data import/export processes
- It is difficult to enhance existing screens without breaking screen scraping applications
- No data governance processes to guide unified data management
- Data quality is inconsistent and problematic

Future Problems without INH

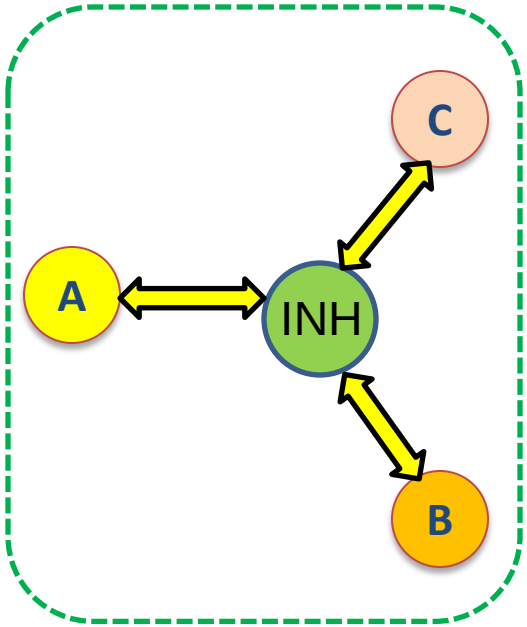
- There will be no method to manage person data from multiple sources
- There will be no single place to get statewide case information
- Support costs for point to point integration increase rapidly with the addition of each new application (required to write multiple interfaces)
- Will not be able to sustain current service levels to support existing data exchanges
- Some business functions that are currently integrated will be disabled due to a new separate system and database

INH Solution - Simplify and Standardize



Data Exchanges

6 Integration Points



Information Networking Hub

3 Integration Points

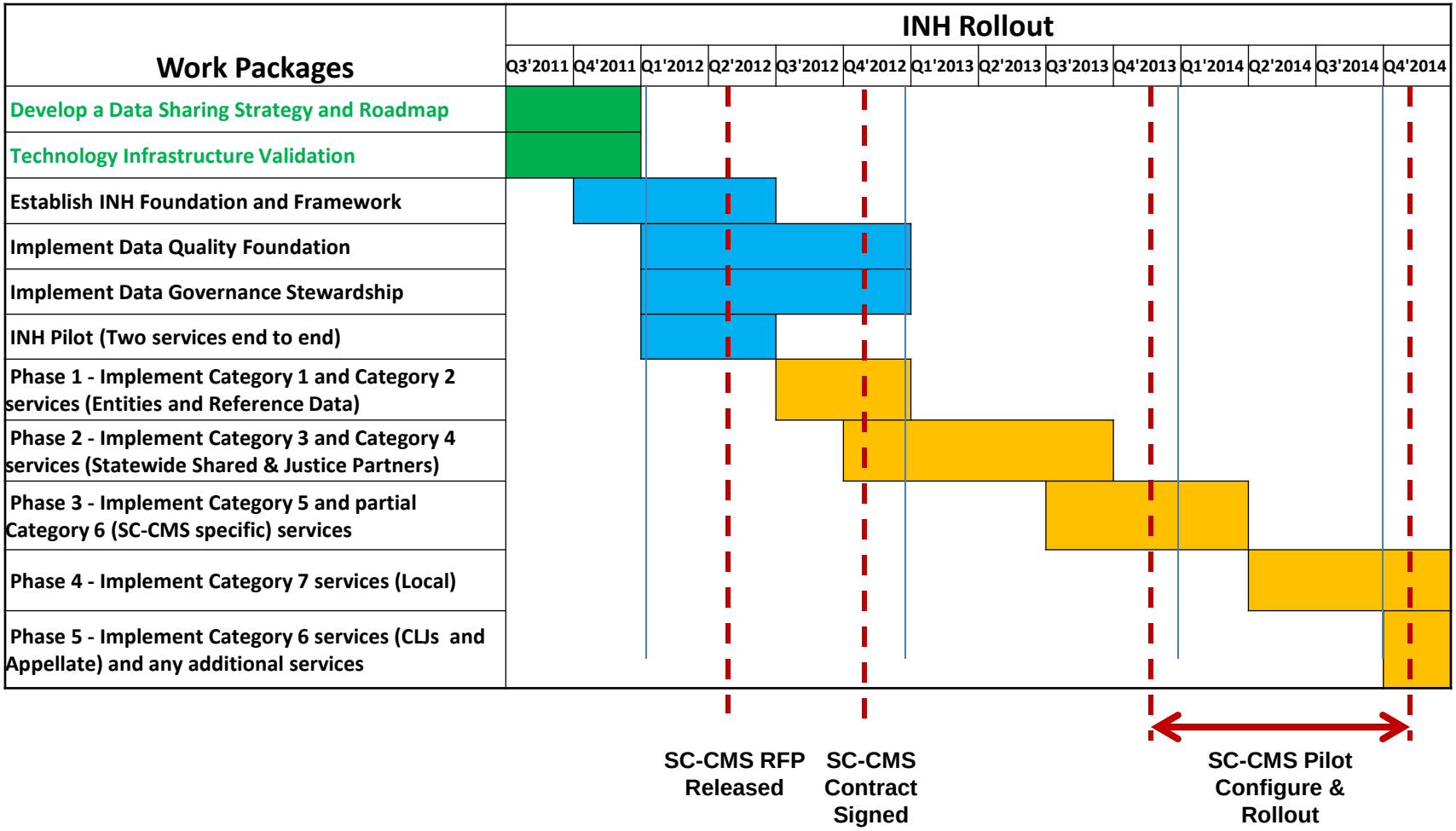
INH Program Components

- ✓ **Strategic Roadmap**
- ✓ **Technical Validation**
- **Foundation Components**
  - Data Governance/Data Quality
  - Enterprise Data Repository
  - Service Development Model
  - Infrastructure/Security
- **Pilot Services**
- **Phased Implementation of Seven Business Service Categories**

INH Business Service Categories

1. Entity (aka individual, organization, official, etc.)
2. Reference Data (codes, laws, etc.)
3. Statewide Shared Data (guidance from JIS baseline Services)
4. Courts, Judicial Partners, and other organizations common data exchanges
5. Statewide Statistical
6. Application Integration
7. Local to Local data sharing

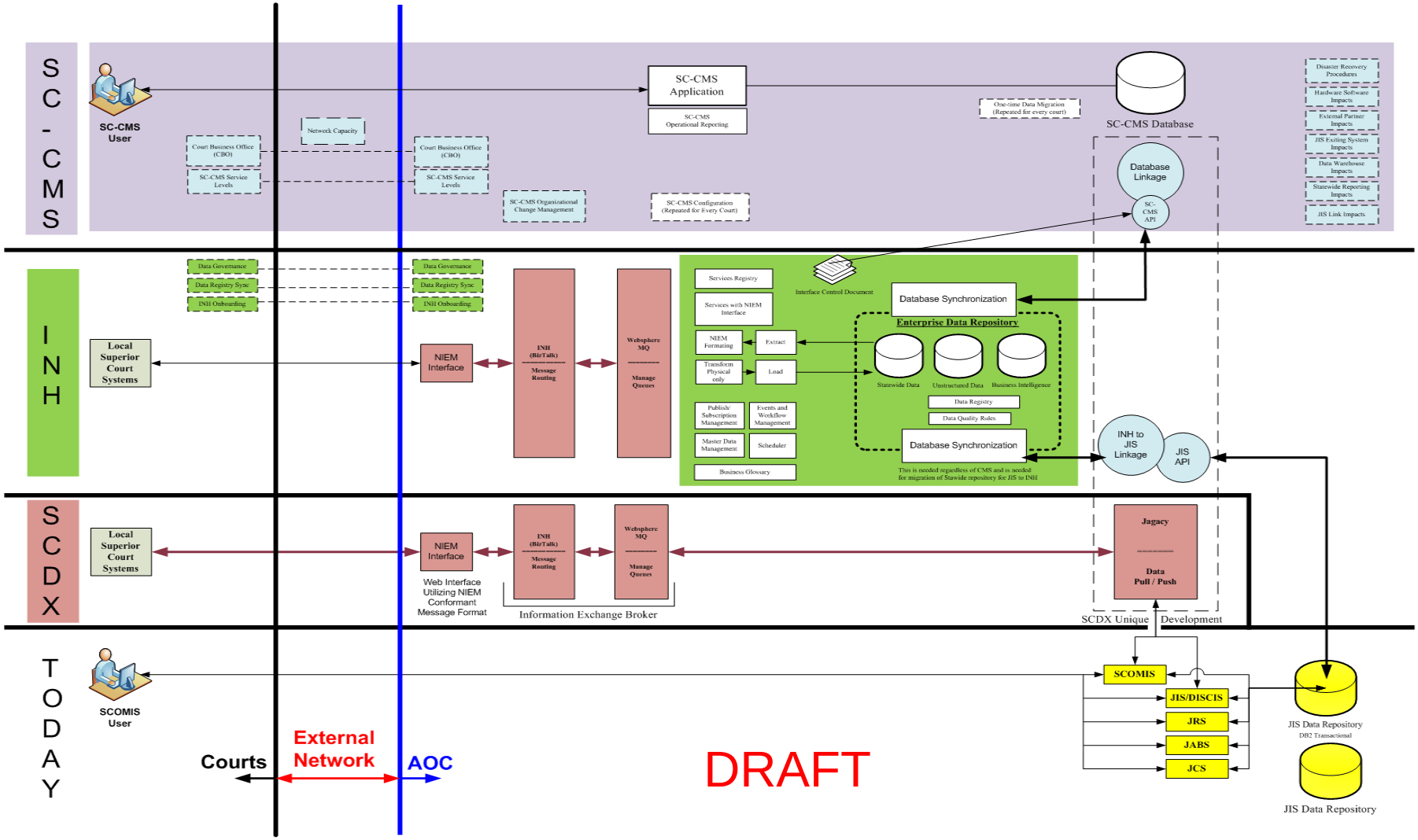
INH Timeline



Program Level Risks

Risk	Level	Mitigation Strategies
Scope Large/Complex/High Visibility – multi-year project	High	• Conduct Pilot deployment and focus on efforts required to support SC-CMS • Conduct phased implementation approach starting with the development of the strategic roadmap • Contract with a Data Exchange Technical Consultant who has real world experience in deploying a data exchange solution into production and who can validate the proposed INH solution • Develop a well defined Project Charter based on a validated INH strategy to minimize/control/reduce scope creep and/or change • Business and technical requirements need to be well defined and agreed upon by AOC internal staff and external users • Leverage technical solutions and lessons learned from SC DX project to develop initial INH data exchanges • Develop the project baseline schedule based on validated business requirements and estimates
Resources Assigned AOC Resources are working on multiple priority projects	**High**	• AOC Leadership should establish and communicate priorities for competing projects and minimize changes • Project managers coordinate resource needs based on priorities and mitigate conflicts among projects • Use external resources and tools when possible
Budget Funding estimates based on original transformation budget will need to be revised	**High**	• Leverage work completed by other approved ITG projects to develop components of INH • Utilize internal resources where possible and internal tools where possible • Refine high level budget estimates based on a validated strategy to support requests for supplemental funding
SC-CMS Project Coordination between SC-CMS and INH	**Med**	• Hold regularly scheduled meetings between INH and SC CMS technical teams to ensure project inter-dependencies are tracked and managed effectively

Relationship Between INH, SC CMS, and SCDX



What courts will need to use the INH

- Expertise in developing web services using NIEM (National Information Exchange Model)
- Could need additional infrastructure (servers, storage, software) for development, test, and production
- Project management for on-boarding new services
- Security processes based on “trusted” security model

Questions

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