Superior Court Data Exchange
Revised Project Plan

Purpose:

- Present a revised Superior Court Data Exchange project plan
- Request JISC approval of this plan

Agenda:

- Project Description
- Current Status
- Issues with Original Plan
- Replan Guidelines
- Revised Plan:
  - Details
  - System Architecture
  - Cayzen
  - Assumptions
  - Hours, Cost & Schedule
- Next Steps

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Project Description:

- A project to implement a Data Exchange using web services and industry standard messaging that enable the sharing of data between the Superior Court Management Information System (SCOMIS) and local court information systems.

- The current scope includes three Data Exchange components:
  - Docketing (Pilot Court – *Pierce County*)
  - Calendaring (Pilot Court – *Kitsap County*)
  - Document Indexing (Pilot Court - *Chelan County)*

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Current Status:

- Completed Data Exchange system requirements and service specifications in November 2010
- At JISC meeting in December, the AOC provided the following update:
  - Project was significantly behind schedule and over budget
  - Proposed evaluating both a near-term & long-term solution
- AOC currently recommends a single solution that can be implemented in approximately 12 months and would represent the long-term solution
- Met with Pierce County LINX System team in December:
  - Identified initial (4) Docketing services for deployment that will reduce dual data entry between the LINX and SCOMIS systems by approximately 30%
  - Identified how the LINX System will interface to the Data Exchange
  - Targeted 2nd Quarter 2011 for preliminary testing of initial (4) Docketing services

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Issues with Original Plan:

- Significant software redesign would be required:
  - Project would require an additional 18 – 24 months from original planned completion date (Original: June 2011 to March 2013)
  - Project would require an additional $1.1M to complete from original planned project budget (Original: $1.6M to $2.7M)

- Project Financial Summary:
  - JISC Authorized Funding: $1.6M
  - Commitments To Date: $500K (Through January 2011)
  - Remaining: $1.1M

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Replan Guidelines:

- Deploy a Data Exchange that can be used by all local Superior Court systems to interface to SCOMIS via web services
- Leverage existing SCOMIS Data Exchange project design work
- Minimize software redesign
- Deploy a Data Exchange that is aligned to the planned JIS future state architecture
- Stay within current funding authorization ($1.6M)
- Deliver Docketing Data Exchange services as soon as possible, to eliminate the dual data entry for the Pierce County LINX System

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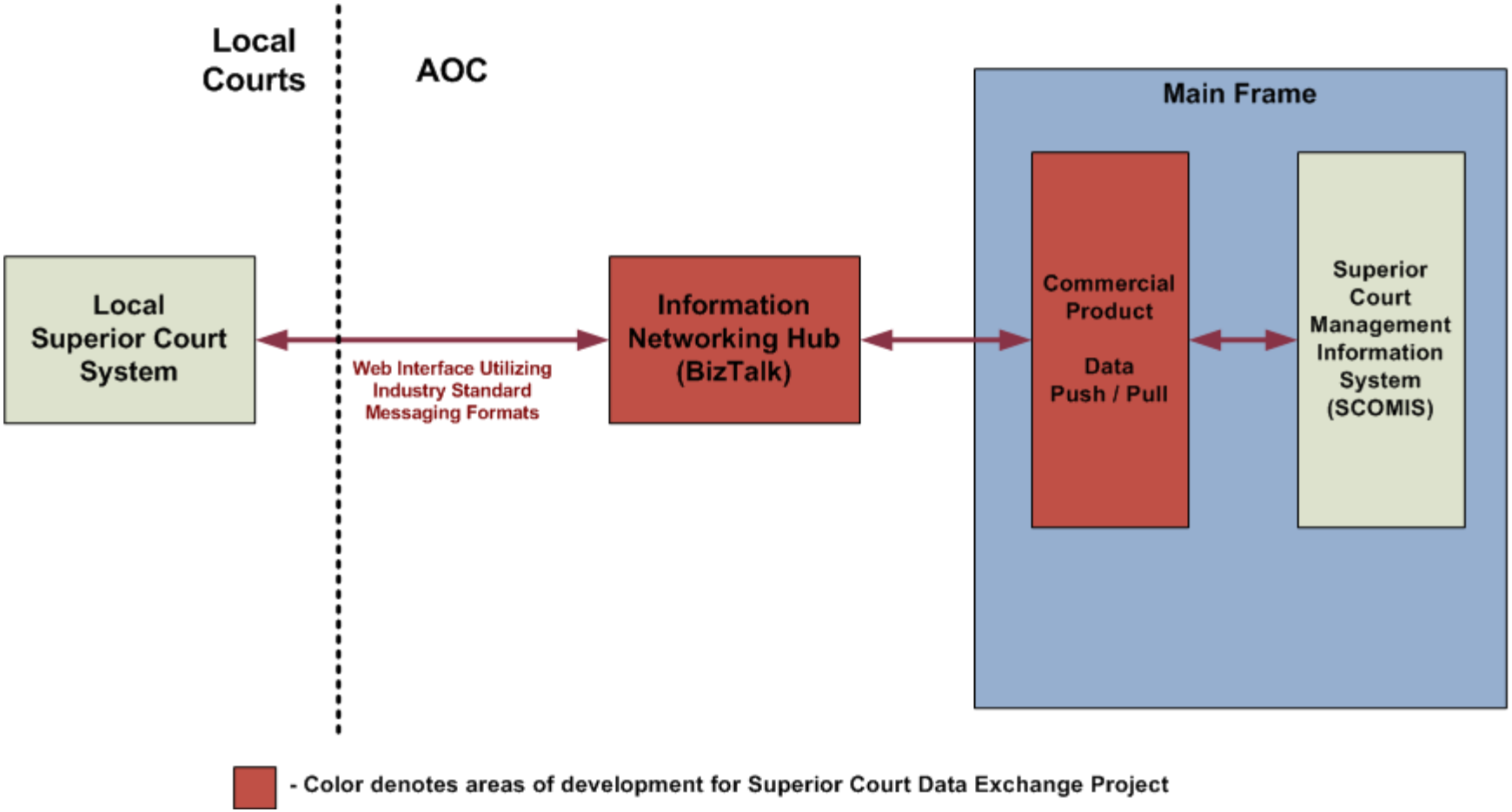
Revised Plan - Details:

- Develop web interface between SCOMIS and local court systems using industry standard messaging for (58) Docketing services & (2) misc services
- Implement the Superior Court Data Exchange on a BizTalk server (also used by Vehicle Related Violations (VRV) program)
  - Message routing
  - Error handling
- Utilize a commercial software product to push/pull data between SCOMIS and the BizTalk server
  - Minimizes software redesign
  - Reduces risks & costs
- Defer Calendaring (4 Services) & Document Indexing (2 Services) until the completion of the Docketing Data Exchange solution (Not in Revised Plan Scope)
  - Additional work required to better understand business requirements

Superior Court Data Exchange
Revised Plan – System Architecture



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Revised Plan - Cayzen:

- The contract with Cayzen on the Superior Court Data Exchange project has been terminated.
  - The initial Cayzen contract (PSC 09627) was awarded following a competitive procurement in April 2009
  - Contract scope was revised (PSC 10302) in February 2010
  - A second significant revision in contract scope was not considered a viable option, based upon State procurement regulations.
  - Cayzen was formally notified of contract termination on January 6, 2011

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Revised Plan - Assumptions:

- AOC resources will perform 30% of development, the remainder of the development will be performed by contractors

- The following contractor resources will be available to complete the project:
  - (3) BizTalk Developers with significant development and architecture experience
  - (1) XML Designer with extensive experience with the industry standard web messaging
  - Contractors with experience using the selected commercial product for developing data pushes/pulls

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Docketing - Work Package Totals			
Work Packages / Resources	**Status**	**Labor Hours**	**Cost ($)**
Create Final Web Message Formats: (2) AOC Developers - NIEM (1) Contractor - NIEM Expert	o In-Work o Contractor resource required to validate approach	2,800	$120,000
System Design: (2) AOC Developers - BizTalk (3) Contractor Developers - BizTalk (2) AOC Quality Assurance	o On-hold; requires contractor resources	3,400	$270,000
System Implementation: (2) AOC Developers - BizTalk (3) Contractors - BizTalk Developers (2) AOC Quality Assurance	o On-hold; requires contractor resources	4,550	$370,000
Push/Pull Software Development: (2) AOC Developers (4) Contractor Team (2) AOC Quality Assurance	o Selection of commercial product in progress o Development work on-hold requires contractor resources	1,280	$120,000
Total:		**12,030**	**$880,000**
Contingency (10%)			**$90,000**
Grand Total (Budget Accuracy +/-30%)			**$970,000**
JISC Authorized Funds Remaining			**$1,100,000**
Margin			**$130,000**

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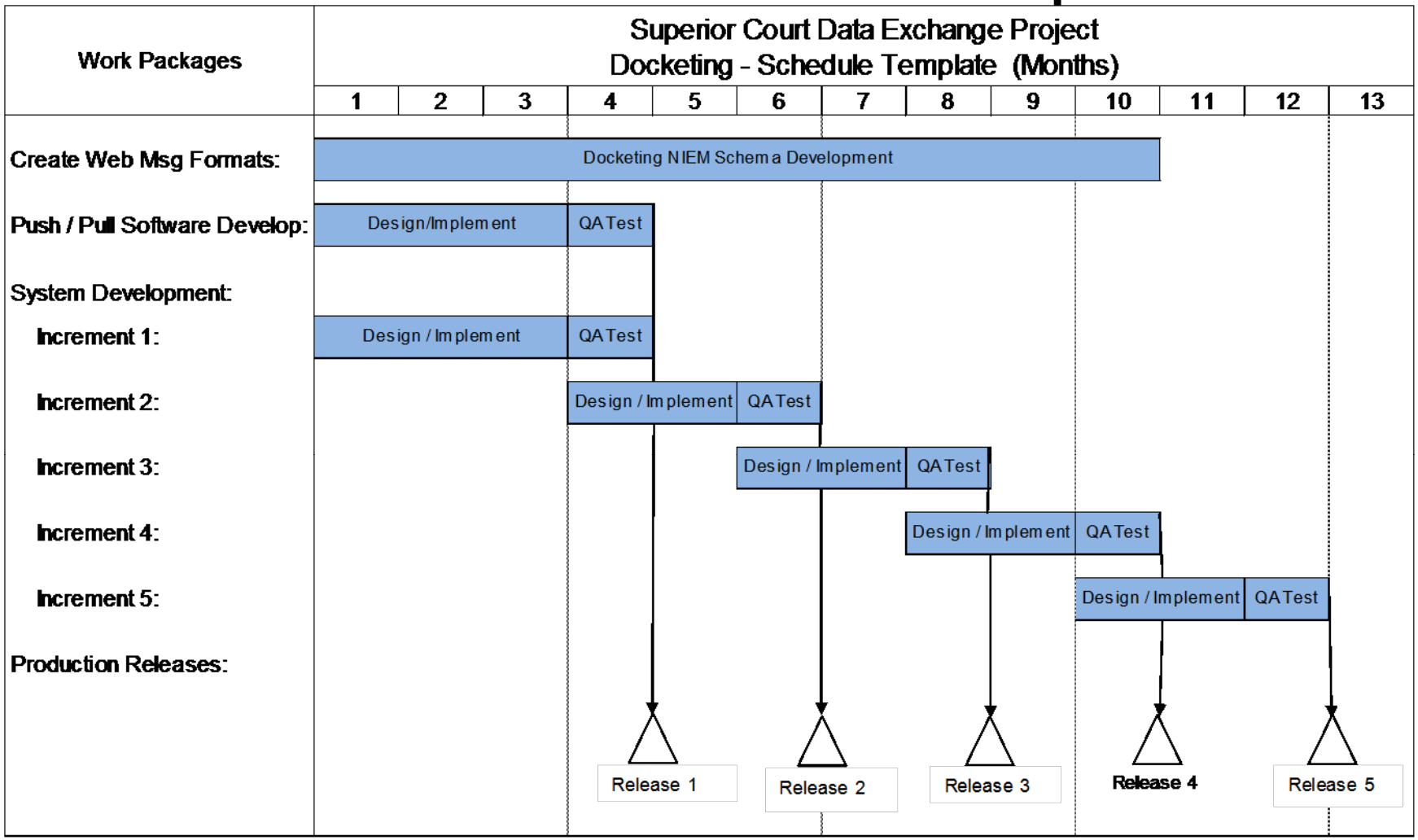
Revised Plan – Schedule Template



Note: The project will be deployed in (5) production releases with each release representing approximately 20% of the work. Each release will deliver a set of production ready Docketing services. Individual release details will be identified following detailed planning.

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Revised Plan - Summary:

- Summary of plan changes:
  - Eliminate need for significant software development by installing a commercial software product that enables data pull / push to SCOMIS
  - Defer Calendaring & Document Indexing until Docketing solution completed
- Based on the revised project plan, the project can be completed within 12 months for $970K (+/-30%) and is expected to be within the remaining JISC authorized funding ($1.1M)
- Revised project plan start date is dependent upon acquiring contractor resources
- Detailed project planning is required:
  - Track all significant project activities
  - Identify the contents of each production release
  - Reduce the uncertainty in the estimated cost for the revised plan

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Next Steps:

- Request JISC approval of the revised project plan
- Begin detailed project planning
- Select the commercial product for developing data push/pull to SCOMIS
- Acquire the necessary contractor resources to complete the project