Replacement Project for the Solano County Integrated Property System (SCIPS)

- History
- Next Steps

Presented to the Board of Supervisors
April 4, 2017
Department of Information Technology

Presentation Objectives

- SCIPS History
- Current Challenges
- Options
- Proposed Recommendations

SCIPS History

- Originally developed in 1982
- Technology platform lost manufacturers' support in 2003
- Stakeholders reviewed replacement options in 2005 and recommended a "lift & shift" strategy as the lowest risk and least expensive alternative
  - No viable commercial options existed
  - Deemed too expensive to re-write from scratch (1,175,000 line of code)
  - County consortium project cancelled
- Board approved funding in Dec 2006 and system went live Feb 2010

Challenges of Current System

- "Lift & shift" strategy left old system architecture in place making future improvements difficult
- Custom "wrapper" technology employed to mimic old technology – adds complexity and risk to platform
- Although platform is modern, the underlying application is comprised of old business logic and programming code, including hundreds of thousands of lines of legacy Cobol
- Platform updates are expensive, disruptive and don't improve users' efficiency
- Scarcity of technical resources to deal with legacy code

Options to Improve or Replace SCIPS

Stakeholders reviewed available options:

- Commercially available integrated software
    - Thomson Reuters
    - Megabyte
- Commercially available "best of breed software"
    - Grant Street
- Researched other counties' internal development projects

SCIPS Replacement Recommendation

- Developing a new system in-house was deemed too expensive, too lengthy a project, and carried too much risk

- "Best of breed" product was eliminated due to cost and gaps in providing full functionality for the end-to-end business processes of the stakeholders

- Megabyte system was eliminated through stakeholders' due diligence process – too many functionality gaps; too many manual processes; based on legacy technology

- Thomson Reuters' Aumentum product appears to have all the necessary functionality; capability to improve processes and efficiencies; fully integrates all stakeholder processes; based on current "web services" technology. Aumentum is the unanimous recommendation of the stakeholders.

Budget Estimate

Cost Category	Total Estimated Cost
Aumentum software Licensing	**1,867,022**
Professional Services from Thomson Reuters	**1,580,800**
Contract Travel	**105,000**
Professional Services, Data Migration	**500,000**
System Hardware/Software/Database	**240,339**
Staffing Estimates	
Temporary Contract Staffing	
Project Manager (1 @ 36 Mos)	**360,000**
IT Analysts (2 @ 24 Mos)	**480,000**
Functional Resources (4 @ 24 Mos)	**960,000**
Reallocation of Internal Staff	
IT Analysts (4 @36 Mos)	**1,440,000**
Functional Resources (10 @ 6 Mos)	**600,000**
Training of County Staff	**70,000**
Contingency - 20%	**1,640,632**
Sub-Total	**9,843,793**
Current Appropriation	**0**
Additional Appropriation Required	**9,843,793**

Project Considerations

- Although Thompson Reuters has been working with Riverside County for a number of years, their system is not fully in production in California

    - T-R has been successful in 25 states and 6 countries
    - Stakeholders' due diligence verifies progress of Riverside project
    - Project is likely to take 3 years; waiting could put SCIPS systems' viability at risk
    - Contract agreement with T-R carries little liability

- "Phase 0" of project involves data clean-up, migration, and building an historical archive system
- By the time Solano completes Phase 0, Riverside should be in production -- Options can be revisited at that time.

Recommended Actions

It is requested the Board of Supervisors take the following actions:

1. Receive a report on the history and status of the Solano County Integrated Property Tax System (SCIPS).

2. Authorize departments to proceed with the replacement of SCIPS.

3. Authorize the creation of a designated reserve fund for the SCIPS multiyear replacement project in the amount of $10,000,000.

4. Delegate authority to the County Administrator to enter into a contract with Thomson Reuters Incorporated for an amount not to exceed $3,908,104 for software licenses and implementation services.

5. Delegate authority to the County Administrator to enter into contracts with technology service companies to assist with data conversion activities in an amount not to exceed $500,000.

6. Authorize the County Administrator to approve contract change orders of up to 10% of the contract amount.