

Project / Executive Summary:

Technical	Business	Schedule
Yellow (D)	Green (S)	Green (D)

I = Improving D = Deteriorating S = Stable

Technical:

- Saber was unable to complete their performance & security testing according to the established schedule. In a working session over the period Saber indicated they were having problems completing the tests due to issues with their test harness (Citrix Servers) and the software tools chosen. The problems were not identified during their proof of concept phase. A new schedule has been created by the PMO to address all the Performance & Security (P&S) information along with infrastructure upgrades that are necessary to support SCORE through the November 2008 Elections. The full Saber performance testing (both sites down) has been moved to the Memorial Day Weekend. The existing risk has been updated for this development.
- The SCORE infrastructure continues to have sporadic SSL errors despite a Citrix patch that was applied over the period. The errors have been concentrated around the login process, but have also occurred after a session has been established. The State through the direction of the PMO have hired Dynamic Research Corporation (DRC) to help with this issue and other county connectivity / peripheral issues that the project has been experiencing. They were scheduled to be in the field by April 28th, but progress has been slowed due to issues with the Saber Non-Disclosure Agreement. The State and PMO have established a priority list for DRC and they will attack the county issues based on that priority list.
- The SCORE IV&V continues to plan for the next round of Independent Security Testing. The OIT Cyber Security group is being included in the effort and will concentrate on the Vote Center Web application as their top priority. The calendar of Performance and Security tasks has been published by the PMO and the schedule has been met to this point. The SCORE IV&V Independent testing is slated for June 9th through the 14th. The SCORE IV&V received Saber's Security plan test results and the team is currently reviewing. The results will be used to identify any gaps in the Saber testing and to assure those gaps are covered by the independent testing. The SCORE IV&V expects to see improvements made to the infrastructure from the previous testing. The SCORE IV&V has made a formal request through the PMO to Saber for the SCORE configurations and logs. A baseline snapshot of the materials will be gathered during the next reporting period and used to complete the planning of the independent testing.
- The project continues to struggle with system performance issues related to with network latency or application code. The problem although more concentrated in smaller or rural counties has at times affected even the largest counties. DRC will be addressing these issues based on a priority list provided by the PMO.
- As requested, Saber has delivered an Indicative monitoring tool distribution report for the current installation scheme along with a plan for adding additional licenses. The request for the information was made after critical network data was not available through the current monitoring data points. Saber is requesting a total of 5378 additional licenses be

procured. Discussions with Saber and the State have answered many of the outstanding questions on the drastic increase in the Indicative licenses. A decision needs to be made by the State as the tool is required for the Performance and Security testing to be conducted in May.

Business:

- The SCORE Mock Election was conducted over the period. The Mock Election consumed the entire project staff over the past month. Although the mock election identified a number of application and infrastructure issues the process was highly successful. The issues needed to be identified and now can be prioritized and addressed. The addition of Jan Kunhen, Mock Election Manager, was a key to that success. The process provided an opportunity for everyone to learn more about the system and its capabilities including the State's Elections Front Line Support. They stepped up with the help of Saber's Field Support group to address the training and support questions during the test. A report on the Mock Election is due out the week of May 19th.
- Upon successful completion of the First Stage Consulting project management contract, North Highland assumed the program management activities for the project over the period. North Highland has added two PM resources to the project. A transition to the North Highland staff was conducted during the period. The team will need to work closely together to assure no issues being tracked are overlooked over the course of the transition period.
- Several of the large counties continue to struggle with the adoption of SCORE. Their issues center around the limited amount of time they have had on the system due to the timing of their migration and go-live on SCORE. Meetings with the group have been conducted and the issues and or concerns are being addressed. In order for SCORE to be as effective as possible, all counties need to participate. The sharing of voter information and basic HAVA requirements are less effective without full participation. Currently all 64 counties are moving to full adoption with the SCORE team working diligently to assure that any and all critical issues effecting the counties be addressed to support their 2008 election calendar.
- County participation in the SCORE software testing continues to decline due to competing priorities. The State solicited the large county base for some additional support. Boulder County was the only one beyond the original Pilot Counties that has offered to help in the process. They are a part of the Priority 4.0 testing.
- The Priority 4.0 testing is slated for May 12-23. A total of 99 issues are being tested by both the State and Counties. The release contains Provisional Ballot processing and reporting. The release also addresses a number of application issues and or enhancements that were prioritized by the SCORE Change Control Board. The release is scheduled for deployment over the Memorial Day weekend.
- The Priority 4.1 post Mock Election release has been compiled. Of the more than 500 issues generated in Spirit, only 48 were considered critical and need to be addressed before the November elections. This list does not include the half dozen Change Requests that were submitted separately. The SCORE Change Control Board will be asked to review and approve the 4.1 Scope over the next period.

Schedule:

- Due to the issues with the P&S the Data Center move has been put off until after the completion of the Saber tests. The move is currently scheduled for May 29th through June 7th. All logistical items have been identified and are on schedule for the move. The independent P&S Testing will not occur until the two sites are in their planned locations for the November 2008 elections.
- Due to the delay in the Votec extract changes, most if not all the counties will be required to make manual changes to their data once on the SCORE system. This is one of the key issues for the larger late adopting counties. Saber has been able to address some of the SCORE late adopters issues through “one off” data migrations. The priorities of the data migration issues are being set through the SCORE PMO.

Accomplishments:

- The SCORE IV&V assisted the State in planning and support of the SCORE Mock Election process. The SCORE IV&V QA resources assisted the CDOS Front Line Support group by providing application knowledge support. The SCORE IV&V PM gathered performance metrics and provided ad hoc county support as required. The SCORE team came together and provided the support required to make the Mock Election a success. This process will be used as a model for the 2008 election process.
- The SCORE IV&V produced a county Security best practices document that will be provided to the State over the next period. The information can be incorporated into the overall SCORE Security Policy.
- The SCORE IV&V continued to perform Acceptance Testing over the period. The new goal is to complete the entire 1540 test cases by the completion of the Statewide rollout (August 2008 Primary). This will allow Saber enough time to address the issues through emergency releases. The HAVA compliance has risen to 80%. Provisional ballots are the only component not tested to this point and is targeted for the P4.0 release. Testing will continue with each release of the application. There are 2 issues related to HAVA compliance: Agency interface implementation for state and Provisional Ballots.
- The SCORE II PMO and IV&V continue to review and respond to multiple Saber Plans and deliverables. The SCORE IV&V has shifted two of its Quality Assurance and Voter Registration / Election Management subject matter experts to performing Acceptance Testing and finalizing the User Acceptance Testing support for the Priority #4.0 issues. In addition, the Security and Infrastructure resources are being re-directed toward the Independent Security Testing findings follow-up. This movement supports the Graded Approach scheme with emphasis toward product or application not paper deliverables.

Management Attention:

None in the period

Information:

- The SCORE IV&V added an additional tester (Christi Granato) to the team to support the 3.5 Mock Election release. The plan currently is to utilize the resource through the months of March through May. The period may be extended depending on the software release schedule. The resource contributed significantly to support the Mock Election and 4.0 release preparation
- The SCORE IV&V successfully installed the latest source code release on the Escrow server. The release was smoke tested and can be used to verify source code changes. The process continues to have issues with the database installation that require manual intervention to the provided scripts. The latest disk included the Vote Center and updated database modules as expected. The updates were installed. The Escrow process has been completed. A final test of the application and database is scheduled for mid April after the P3.5 / Emergency release testing.
- The SCORE IV&V has recommended that the existing CDOR file be used and a filter mechanism be added to eliminate the duplicates. Going back to CDOR at this point would potentially delay the interface beyond the end of the Statewide rollout period.
- The SCORE IV&V has discovered in testing that the CDOR file carries null values for the SSAC field. Currently the file creates an exception in the error log file, but does not display in the CDOR Voter Registration table. The county would need to wait for the paper.
- The Saber Data Migration process calls for fields that do not comply with database and business rules to be changed during the migration process. Those changes are not currently being documented inside the legacy system. The SCORE IV&V recommends that whenever a data field is changed in the data migration process that an activity record be generated describing the change and the timing of the change. This information has been verified and will be removed. It is not clear when the information will be loaded during the Statewide rollout waves. This will be tracked as an issue until the data is loaded for the remainder of the counties.
- The SCORE IV&V continues to monitor outside influences including the status of other states HAVA implementation. The information is used to assess the SCORE II project. The next meeting of the SCORE IV&V Executive Steering Committee has been scheduled for 5/20/2008.
- The SCORE IV&V is addressing the weekly code drops in between major release code drops. This is unplanned testing which was not part of the original scope of work. The State should re-evaluate the use of an automated tool for testing.
- The SCORE IV&V continues to request the configurations settings IDS/IPS and updated switches/routers and firewall. The information was requested as part of the initial Internal Security Testing.
- During the previous Code review audit a large amount of “unused” code was identified in the customized Colorado code. It was agreed at the time that the code would not be removed until after the 3.0 Priority release of the application. Saber indicated in the last status meeting that they do not recommend cleaning up the code until the Version 5.0. The SCORE IV&V & PMO agrees with this decision.

Schedule / Activities & Tasks:

Completed & Planned Activities / Tasks		
Completed Last Week		
Activity / Task	Date	Priority
SCORE Steering Committee Meetings	5/2/2008	High
Mock Election Planning / Support	5/2/2008	High
SCORE Change Control Board Meetings	5/5/2008	High
SCORE Independent Security Test Planning	5/6/2008	High
Support the SCORE PMO Organizational Change Management Activities	5/9/2008	High
Support the Large County Issues	5/9/2008	High
P4.0 Scope Definition Support / Planning	5/9/2008	High
P4.1 Scope Definition	5/9/2008	High
Continue to respond to Saber Deliverables and Activities (DED's)	5/9/2008	High
Independent Performance Test Planning	5/9/2008	High
Plan for Next Week		
Activity / Task	Date	Priority
SCORE Independent Security Test Planning	5/13/2008	High
SCORE Change Control Board Meetings	5/15/2008	High
Support the Large County Issues	5/16/2008	High
Mock Election Report Generation	5/16/2008	High
P4.0 Release Testing / Coordination	5/16/2008	High
P4.1 Scope Definition / Prioritization	5/16/2008	High
Continue to respond to Saber Deliverables and Activities (DED's)	5/16/2008	High
Independent Performance Test Planning	5/16/2008	High
SCORE Steering Committee Meetings	5/22/2008	High

Staffing: As of 01/31/2008:

Resource Type / Role	Contract Hours	Hours Used to date	% Used	Hours in Period
Project Management	2347.00	2655.50	113%	171.00
Infrastructure / Disaster Recovery SME	289.00	393.75	136%	2.00
Application / Infrastructure SME	737.00	300.25	41%	25.50
Oracle / Application SME	630.00	168.00	27%	2.00
Voter Registration / Election Management SME	1206.00	1,272.00	105%	30.00
Quality Assurance SME's	2369.00	2,559.50	108%	224.00
Security SME's	860.00	780.00	91%	1.00
Totals	8438.00	8129.00	96%	455.50
Planned Activities	Contract Hours	Hours Used to date	% Used	Hours in Period
Project Management (Status Reports / Meetings)	1599	2503.00	157%	151.00
Source Code Escrow Responsibilities	180	50.50	28%	23.50
Saber / SCORE II Deliverables / Activities Review	3599	1883.25	52%	30.00
SCORE II Independent Assessments (Security...)	544	746.50	137%	0.00
SCORE II Acceptance Testing (User / System)	1940	2607.75	134%	251.00
SCORE II Project Audits	576	338.00	59%	0.00
Totals	8438	8129.00	96%	455.50

Acceptance Testing for V.1.7.0.4 code baseline Test Case Execution:

Total Cases	1540	100%	HAVA Requirements		Total Bugs	
Pass	732	48%	Pass	80%	Critical	0
Fail	156	10%	Fail **	20%	High	61
N/A	68	4%	Block	0%	Medium	50
Block	2	0%	Total Req.	100%	Low	35
Total Tested	958	62%			Closed	285
Total to be Executed	581	38%			Total	431

** Provisional Ballots are still an issue with the system. Requirements have been gathered and scheduled Priority 4.0 for the Provisional Ballot Process.

Priority 3.5 Release 234 Test Cases – 159 Pass, 33 Fail, 7 Deferred and 34 to Test

Functional Area	Total Cases	Cases Executed	Cases Passed	Percent Complete	Percent Passed
Absentee Application	55	47	39	85%	83%
Address	103	85	79	83%	93%
Administration	85	45	39	53%	87%
Ballot	61	52	34	85%	65%
Calendar	18	1	0	6%	0%
Candidate	25	13	13	52%	100%
Contacts	14	8	8	57%	100%
Contest	17	10	10	59%	100%
Districts	56	56	53	100%	95%
Document Management	7	7	7	100%	100%
Elections	169	111	95	66%	86%
Election Workers	33	20	19	61%	95%
Exports	5	4	3	80%	75%
Help	2	0	0	0%	0
Interfaces	22	7	7	32%	100%
Miscellaneous	18	15	6	83%	40%
Performance	16	9	8	56%	89%
Petition	37	20	19	54%	95%
Poll Book	28	7	7	25%	100%
Polling Places	26	10	10	38%	100%
Reports, Labels and Mailings	205	68	29	33%	43%
Scheduler	19	0	0	0%	0
Software/Hardware Compatibility	10	2	2	20%	100%
System	102	11	9	11%	82%
Voter Management	406	271	227	67%	84%
Totals:	1539	879	723	57%	82%

Category	Total	Percent
Total Test Cases	1540	100%
Pass	732	48%
Fail	156	10%
N/A	68	4%
Block	2	0%
Total Executed	958	62%
Total to be Executed	581	38%

Vendor Initial Deliverable Metrics:

Deliverable Name	Deliverable Dates				Findings Status					Current Status
	Contract	DED	Draft	Final	High	Major	Moderate	Low	Observation	
Project Plan	10/23/2006	11/2/2006	12/6/2006	12/18/2006	8	38	92	58	32	
Agency Interface Plan	10/23/2006	11/1/2006	11/22/2006	12/13/2006	1	6	37	6	11	
Organizational Change Management Plan	10/23/2006	11/17/2006	2/2/2007	12/22/2006	0	0	6	2	2	
Project Web-Site	10/23/2006	11/6/2006	1/16/2007	12/22/2006	0	0	6	3	0	
System Acceptance Criteria	11/6/2006	11/13/2006	1/26/2007	1/4/2007	5	11	4	4	1	
System Test Plan	11/6/2006	11/13/2006	1/29/2007	12/15/2006	15	19	36	33	19	
Conversion Plan	11/13/2006	11/13/2006	1/26/2007	1/3/2007	4	2	27	9	9	
Disaster Recovery Plan / Business Continuity Plan	11/13/2006	10/30/2006	1/29/2007	12/27/2006	2	15	25	20	45	
Security Plan	11/13/2006	10/30/2006	2/12/2007	1/30/2007	26	8	18	9	5	
Training Plan	11/27/2006	11/5/2006	1/19/2007	12/26/2006	0	15	13	7	8	
Detailed Design for Colorado Customizations	12/4/2006	11/13/2006	2/7/2007	3/7/2007	1	6	32	12	0	
Implementation Plan	12/4/2006	11/30/2006	4/30/2007	5/22/2007	0	4	12	5	1	
Technical Architecture Design	12/8/2006	11/14/2006	11/16/2006	12/26/2006	13	17	25	12	15	
Pilot Test Plan	12/18/2006	11/17/2006	2/1/2007	1/8/2007	2	7	21	13	6	
System Availability Plan	12/19/2006	11/17/2006	1/17/2007	2/12/2007	3	8	20	5	4	
Application Requirements	12/22/2006	11/17/2006	2/2/2007	2/15/2007	0	3	7	3	2	
Conversion Detail Design	2/9/2007	11/30/2006	3/26/2007	5/22/2007	0	0	13	0	1	
Prepare Pilot Counties	3/2/2007	1/31/2007	6/13/2007	7/6/2007	1	3	2	0	1	
Configure Software	3/30/2007	11/17/2006	4/12/2007	6/29/2007	0	1	0	0	0	
System Test	3/30/2007	11/13/2006	5/3/2007	7/19/2007	1	9	1	0	0	
Updated Detailed Design for Colorado Interfaces	3/30/2007	1/25/2007	2/15/2007	3/7/2007	0	8	12	3	2	
Updated Test Plan	3/30/2007	2/2/2007	3/22/2007	4/10/2007	1	16	14	1	4	
Integrated Development Environment	10/23/2006	11/3/2006	1/16/2007	1/30/2007	0	0	3	1	2	
Source Code	10/23/2006	11/7/2006	1/16/2007	1/3/2007	0	0	0	0	0	
Duplicate Voter Check Criteria	TBD	12/5/2006	12/19/2006	2/23/2007	0	0	3	3	0	
Pilot Data Migration	4/20/2007	2/20/2007	5/15/2007	6/1/2007	0	1	7	0	0	
UAT Planning & Testing	3/27/2007	4/3/2007	5/4/2007	6/6/2007	0	2	7	4	0	
UAT / Pilot Training	4/20/2007	3/26/2007	7/10/2007	7/23/2007	0	0	0	0	0	
Performance & Security Test	5/4/2007	2/8/2007	8/30/2007	9/10/2007	6	27	9	2	1	
Installation and Configuration Guide	2/1/2007	2/8/2007	5/31/2007	6/19/2007	2	6	8	1	1	
Verify Pilot Data Migration	3/7/2007	3/14/2007	6/28/2007	7/9/2007	0	9	3	3	2	
User Acceptance Test Plan	5/18/2007	7/11/2007	8/17/2007	9/5/2007	0	0	0	0	0	
Duplicate Voter Check	6/1/2007	3/19/2008	4/16/2008	4/28/2008	0	0	0	0	0	
Test Conversion	6/1/2007	6/13/2007	8/8/2007	8/30/2007	0	4	3	0	0	
Regression & System Test / Production Build	6/15/2007	4/11/2007	8/15/2007	8/27/2007	0	3	5	1	0	
Documentation	3/16/2007	3/23/2007	6/22/2007	6/27/2007	0	5	6	19	0	
Pilot Counties Data Migration	7/9/2007	6/25/2007	5/1/2007	10/2/2007	0	3	2	0	0	
Train Pilot Users	7/20/2007	8/27/2007	9/14/2007	9/24/2007	0	3	2	0	1	
SCORE II Pilot Readiness	7/21/2007	6/19/2007	8/3/2007	8/24/2007	0	5	7	2	3	
Pilot County Survey	8/24/2007	9/19/2007	8/16/2007	11/2/2007	0	1	4	0	1	
Data Centers GAP Analysis	11/24/2006	11/14/2006	11/15/2006	12/18/2006	1	4	3	2	8	
Hardware Installation - CDOS	12/15/2006	12/22/2006	8/6/2007	8/14/2007	0	0	0	0	0	
Hardware Installation - e-Fort	3/2/2007	12/22/2006	4/9/2007	5/11/2007	0	0	6	0	1	
Hardware Procurement Plan & Inventory	1/26/2007	11/14/2006	11/16/2006	12/26/2006	3	3	7	0	8	
Software Inventory	1/26/2007	11/14/2006	11/16/2006	12/26/2006	2	2	2	0	9	
County Hardware Survey	2/2/2007	1/30/2007	2/13/2007	2/28/2007	0	0	0	0	0	
Report Status / Status Meetings	5/1/2007	N/A	N/A	6/30/2008	0	0	0	0	0	
Prepare Statewide Counties	11/16/2007	6/27/2007	4/17/2008	4/24/2008	0	0	0	0	0	
Final Acceptance Testing/Mock Election	NEW	3/24/2008	5/15/2008	6/6/2008	0	0	0	0	0	
Transition Plan	12/24/2007	10/22/2007	12/12/2007	12/24/2007	2	11	8	3	0	
Train End Users	3/18/2008	9/27/2007	4/10/2007	4/17/2008	0	0	0	0	0	
Help Desk Plan	3/28/2008	6/11/2007	7/20/2007	7/30/2007	1	7	10	1	6	
Implementation Roll Out	3/28/2008	10/5/2007	3/31/2008	3/31/2008	0	0	0	0	0	
Maintenance and Support Plan	3/29/2008	12/10/2007	3/10/2008	3/18/2008	2	21	11	18	23	
SCORE II Readiness	3/30/2008	10/8/2007	6/2/2008	6/16/2008	0	0	0	0	0	
Totals					102	313	539	265	234	
		Accepted Deliverable		Conditionally Accepted			Rejected Deliverable			

Vendor Current Deliverable Metrics:

Deliverable Name	Deliverable Dates				Findings Status					Current Status	
	Contract	DED	Draft	Final	High	Major	Moderate	Low	Observation		
Project Plan	10/23/2006	11/2/2006	12/6/2006	12/18/2006	0	0	0	0	0	0	Accepted
Agency Interface Plan	10/23/2006	11/1/2006	11/22/2006	12/13/2006	0	0	0	0	0	0	Accepted
Organizational Change Management Plan	10/23/2006	11/17/2006	2/2/2007	12/22/2006	0	0	0	0	0	0	Accepted
Project Web-Site	10/23/2006	11/6/2006	1/16/2007	12/22/2006	0	0	6	3	0	0	Accepted
System Acceptance Criteria	11/6/2006	11/13/2006	1/26/2007	1/4/2007	0	0	0	0	0	0	Accepted
System Test Plan	11/6/2006	11/13/2006	1/29/2007	12/15/2006	0	0	0	0	0	0	Accepted
Conversion Plan	11/13/2006	11/13/2006	1/26/2007	1/3/2007	0	0	0	0	0	0	Accepted
Disaster Recovery Plan / Business Continuity Plan	11/13/2006	10/30/2006	1/29/2007	12/27/2006	0	0	0	0	0	0	Accepted
Security Plan	11/13/2006	10/30/2006	2/12/2007	1/30/2007	0	0	0	0	0	0	Accepted
Training Plan	11/27/2006	11/5/2006	1/19/2007	12/26/2006	0	0	0	0	0	0	Accepted
Detailed Design for Colorado Customizations	12/4/2006	11/13/2006	2/7/2007	3/7/2007	1	6	32	12	0	0	Accepted
Implementation Plan	12/4/2006	11/30/2006	4/30/2007	5/22/2007	0	0	0	0	0	0	Accepted
Technical Architecture Design	12/8/2006	11/14/2006	11/16/2006	12/26/2006	0	0	0	0	0	0	Accepted
Pilot Test Plan	12/18/2006	11/17/2006	2/1/2007	1/8/2007	0	0	0	0	0	0	Accepted
System Availability Plan	12/19/2006	11/17/2006	1/17/2007	2/12/2007	0	0	0	0	0	0	Accepted
Application Requirements	12/22/2006	11/17/2006	2/2/2007	2/15/2007	0	0	0	0	0	0	Accepted
Conversion Detail Design	2/9/2007	11/30/2006	3/26/2007	5/22/2007	0	0	3	0	0	0	Accepted
Prepare Pilot Counties	3/2/2007	1/31/2007	6/13/2007	7/6/2007	0	2	0	0	0	1	Accepted
Configure Software	3/30/2007	11/17/2006	4/12/2007	6/29/2007	1	9	1	0	0	0	Accepted
System Test	3/30/2007	11/13/2006	5/3/2007	7/19/2007	0	0	0	0	0	0	Accepted
Updated Detailed Design for Colorado Interfaces	3/30/2007	1/25/2007	2/15/2007	3/7/2007	0	0	0	0	0	0	Accepted
Updated Test Plan	3/30/2007	2/2/2007	3/22/2007	4/10/2007	0	0	0	0	0	0	Accepted
Integrated Development Environment	10/23/2006	11/3/2006	1/16/2007	1/30/2007	0	0	0	0	0	0	Accepted
Source Code	10/23/2006	11/7/2006	1/16/2007	1/3/2007	0	0	0	0	0	0	Accepted
Duplicate Voter Check Criteria	TBD	12/5/2006	12/19/2006	2/23/2007	0	0	0	0	0	0	Accepted
Pilot Data Migration	4/20/2007	2/20/2007	5/15/2007	6/1/2007	0	0	3	0	0	0	Accepted
UAT Planning & Testing	3/27/2007	4/3/2007	5/4/2007	6/6/2007	0	2	7	4	0	0	Accepted
UAT / Pilot Training	4/20/2007	3/26/2007	7/10/2007	7/23/2007	0	0	0	0	0	0	Accepted
Performance & Security Test	5/4/2007	2/8/2007	8/30/2007	9/10/2007	6	27	9	2	1	1	Accepted
Installation and Configuration Guide	2/1/2007	2/8/2007	5/31/2007	6/19/2007	0	3	4	0	0	0	Accepted
Verify Pilot Data Migration	3/7/2007	3/14/2007	6/28/2007	7/9/2007	0	4	2	0	0	0	Accepted
User Acceptance Test Plan	5/18/2007	7/11/2007	8/17/2007	9/5/2007	0	0	0	0	0	0	Accepted
Duplicate Voter Check	6/1/2007	3/19/2008	4/16/2008	4/28/2008	0	0	0	0	0	0	Accepted
Test Conversion	6/1/2007	6/13/2007	8/8/2007	8/30/2007	0	4	3	0	0	0	Accepted
Regression & System Test / Production Build	6/15/2007	4/11/2007	8/15/2007	8/27/2007	0	3	5	1	0	0	Accepted
Documentation	3/16/2007	3/23/2007	6/22/2007	6/27/2007	0	1	3	0	0	0	Accepted
Pilot Counties Data Migration	7/9/2007	6/25/2007	5/1/2007	10/2/2007	0	3	2	0	0	0	Accepted
Train Pilot Users	7/20/2007	8/27/2007	9/14/2007	9/24/2007	0	3	2	0	0	1	Accepted
SCORE II Pilot Readiness	7/21/2007	6/19/2007	8/3/2007	8/24/2007	0	5	7	2	3	3	Accepted
Pilot County Survey	8/24/2007	9/19/2007	8/16/2007	11/2/2007	0	1	4	0	1	1	Accepted
Data Centers GAP Analysis	11/24/2006	11/14/2006	11/15/2006	12/18/2006	0	0	0	0	0	0	Accepted
Hardware Installation - CDOS	12/15/2006	12/22/2006	8/6/2007	8/14/2007	0	0	0	0	0	0	Accepted
Hardware Installation - e-Fort	3/2/2007	12/22/2006	4/9/2007	5/11/2007	0	0	6	0	1	1	Accepted
Hardware Procurement Plan & Inventory	1/26/2007	11/14/2006	11/16/2006	12/26/2006	0	0	0	0	0	0	Accepted
Software Inventory	1/26/2007	11/14/2006	11/16/2006	12/26/2006	0	0	0	0	0	0	Accepted
County Hardware Survey	2/2/2007	1/30/2007	2/13/2007	2/28/2007	0	0	0	0	0	0	Accepted
Report Status / Status Meetings	5/1/2007	N/A	N/A	6/30/2008	0	0	0	0	0	0	Accepted
Prepare Statewide Counties	11/16/2007	6/27/2007	4/17/2008	4/24/2008	0	0	0	0	0	0	Accepted
Final Acceptance Testing/Mock Election	NEW	3/24/2008	5/15/2008	6/6/2008	0	0	0	0	0	0	Accepted
Transition Plan	12/24/2007	10/22/2007	12/12/2007	12/24/2007	2	11	8	3	0	0	Accepted
Train End Users	3/18/2008	9/27/2007	4/10/2007	4/17/2008	0	0	0	0	0	0	Accepted
Help Desk Plan	3/28/2008	6/11/2007	7/20/2007	7/30/2007	0	4	6	1	0	0	Accepted
Implementation Roll Out	3/28/2008	10/5/2007	3/31/2008	3/31/2008	0	0	0	0	0	0	Accepted
Maintenance and Support Plan	3/29/2008	12/10/2007	3/10/2008	3/18/2008	2	21	11	18	23	0	Accepted
SCORE II Readiness	3/30/2008	10/8/2007	6/2/2008	6/16/2008	0	0	0	0	0	0	Accepted
Totals					12	109	124	46	31		
		Accepted Deliverable		Conditionally Accepted			Rejected Deliverable				

Risks:

RISKS										
RISK ID	ENTRY DATE	UPDATE DATE	ARTIFACT	IDENTIFIED RISK	PROJECT AREA	PROBABILITY	IMPACT	EXPOSURE	MITIGATING FACTORS / ACTIONS	STATUS
IVV-2	12/21/2005	5/10/2008		The counties decide to stay with their respective legacy systems as opposed to migrating to the State Wide Voter Registration System. Similar to the rogue county problems from other states.	Business	2	3	6	Keep the counties informed on the decisions being made on the project. Allow the counties to once again participate in the selection process. It is critical that the State continues to send a consistent message to the counties and the state of the project. 4/4/2008 - All 64 counties rolled out on SCORE. There are a few counties that will be running parallel for some period of time. Those counties could decide to move back to their legacy systems at some point. The rest of the counties continue to work on SCORE. 5/10/2008 - Several of the large county late adopters are struggling with the SCORE system. A concentrated support effort is being proposed to address the county issues.	Open
IVV-31	12/1/2006	5/10/2008		That the SCORE II Vote Center Application can be adequately stress tested during the UAT process. The system must be Stress tested according to industry standard in order to provide the necessary due diligence required by the counties that had issues during the last election. Saber's performance testing results do not match the expectations established as part of the Updated Test Plan deliverable. Saber has used a tool that was not part of the proof of concept documentation. In addition, a load of only 700 users were tested on a part of the infrastructure forcing the results to be extrapolated for the full 5500. Saber does not have the necessary experience with the application to make this judgment.	Technical	4	3	12	The meeting held of February 12th did not produce the desired results. Saber did not come to the meeting prepared to discuss the tools and approach as expected. The State will need to continue to put pressure on Saber to prove the 5500 user requirement. Mitigation Strategy: Independent Stress testing. The State has entered into negotiations with two companies to perform independent performance testing. 5/19/2007 - Saber has documented their Performance Testing Plans in the Updated Test Plan deliverable. Saber will conduct a "Proof of Concept" before the "official" Performance Test. 6/2/2007 - The State provided the IV&V with a copy of the two proposals for the Independent Performance Testing. 7/6/2007 - Performance and stress testing will be just in time due to product deliver, CDOS Data Center implications, and outside contract work. 8/3/2007 -Updated risk. 9/1/2007 - Saber has been asked to revisit the deliverable and perform another test. 11/03/2007 - The application has been adequately tested for the 2007 Election. 3/14/2008 - The latest P&S deliverable will force extrapolation to occur due to database size and database server memory limitations. 5/10/2008 - Saber continues to struggle with their hardware and software tools used for performance testing. Saber has indicated they are committed to full load testing.	Open
IVV-37	2/9/2007	6/2/2007		The SCORE IV&V could not find the info documented in the System Maintenance Guide of the DRP, Change Control Document of the DRP or the Technical Architecture Design. It is risky to assume that all Oracle or other software is fully patched. In addition, bugs or issues may occur over the duration of the project requiring patching. In each case of a patch or bug for Oracle and other software it is not clear: 1.How is a patch tested? 2. Where is a patch tested? 3.If it is tested in production, what downtime occurs? 4.How is the patch removed from production if a problem is found after its application? 5. What contingencies are made for bugs without patches? 6.Is there a policy to apply patch sets rather than one off patches whenever possible? If this information is going to be provided in the Configuration Management Plan it should be indicated.	Technical	3	3	9	The State must approve all changes to the SCORE system. Any proposed must be tested in a non-production environment. 6/2/2007 - The State needs to consider creating a "sandbox" environment for the purposes of testing SCORE infrastructure changes. This was discussed as part of the installation and configuration guide deliverable review.	Open
IVV-38	2/9/2007	4/4/2008		The Disaster Recovery Plan scenarios provided by Saber fail to address any real world disasters e.g. catastrophic damage to a data center. This should have potential real world disaster scenarios.	Technical	3	3	9	The State needs to incorporate the SCORE II project in their Disaster Recovery Planning scheme. Within the State scenarios, a complete loss of a data center should be addressed. 4/4/2008 - The project team realizes the importance of these tests and has began planning for a test to be executed before the November Election.	Open
IVV-40	2/21/2007	4/4/2008	10/6/2007	Substantial security responsibility may fall into State's realm. Adherence to security best practices consistently found to be lacking, and even the most basic hardening steps such as scan/analyze/patch iterative refinements at a subsystem level are missing. Waiting until after 3/26/07 (per WWave Plan) to begin Independent Security Testing may be too late to patch holes uncovered at the device, system and network level for critical path milestones to be achieved.	Technical	3	3	9	Highly recommend appointing a State Security Officer for security officer 'perform', oversight, and governance duties. Independent Security Test will be used to address issues. 10/6/2007 - Based on the feedback from Saber on the IST, the number of issues that will not be implemented is minimal. 11/09/2007 - The initial IST tests were conducted. Follow-up continues with Saber on the Issues that are affecting the SCORE environment. 4/4/2008 - Saber began their formal security testing. Documentation has been light and limited to this point.	Open

RISK ID	ENTRY DATE	UPDATE DATE	ARTIFACT	IDENTIFIED RISK	RISKS				MITIGATING FACTORS / ACTIONS	STATUS																													
					PROJECT AREA	PROBABILITY	IMPACT	EXPOSURE																															
IVV-46	7/20/2007	5/10/2008		The lack of detailed design information on the Vote Center Web Module (Database Design, Technical Architecture, Disaster Recovery) limiting the States exposure to arguably the most critical component of the SCORE system. The information is needed to accurately test the system in the area of performance, security and disaster recovery.	Technical	2	3	6	Saber provide additional information and or a walkthrough of the final Architecture in lieu of the updated materials. 1/12/2008 - Saber has agreed to provide the requested Data Flow information. This will be tracked at each Saber Status meeting moving forward. 4/4/2008 - Saber and the State are both planning extensive tests of the Vote Center system. 5/10/2008 - Saber has recently implemented improvements in their Vote Center code to support the predicted county load.	Open																													
IVV-48	9/1/2007	5/10/2008		Citrix protocol errors continue to be a problem for the pilot counties. The errors have not been isolated despite the efforts of Saber and Citrix. The problems are beginning to erode at the counties confidence in the SCORE system.	Technical	3	3	9	Saber and the State need to have a "Sandbox" environment that would allow the testing of configuration changes to repair the problem. The State does not have a sandbox environment that includes the SCORE infrastructure. 10/6/2007 - The counties were polled and the larger counties continue to have problems despite the implemented changes. 11/03/2007 - Saber and Citrix met over the period to try to salvage the appliance Citrix Gateway before going back to the Software version. 11/24/2007 - Saber is has started conversion of Site 1 back to the Software version of the Citrix Gateway product. 12/15/2007: The last round of Citrix testing did not go as planned. These issues need to be addressed by Saber and a decision to move over to Site 1 according to the established deadlines in order to make the January deadline to be up on the full infrastructure. 1/12/2008 - Saber successfully moved back onto Site 1 utilizing the CSS. The move was not without incident due to the presence of connectivity strings in the pilot county client machines. 5/10/2008 - In a survey of the counties over the past week, no counties are currently reporting SSL errors. Saber has not indicated what if	Open																													
IVV-51	11/19/2007	4/4/2008	November 2007 Election	Saber is not demonstrating the configuration management expertise that is expected to manage an enterprise architecture. The problem discovered on election day with the database setting being too low to handle the expected low is an real time example of this issue. Without some additional process and discipline the SCORE infrastructure will continue to be in question.	Technical	3	3	9	Require Saber to demonstrate the same level of configuration management discipline the SCORE infrastructure as is being applied to the SCORE application. 1/12/2008 - Connectivity strings being overlooked in the Pilot county client machines during the site swap out. 4/4/2008 - The disk space necessary to maintain the 3 required environments was exhausted over the period.	Open																													
IVV-52	11/19/2007	3/14/2000	IGTP	Saber is not demonstrating their ability to monitor and respond to the SCORE log files. Their lack of a qualified tool and the lack of a response to know attacks puts the SCORE infrastructure at risk.	Technical	4	3	12	Saber acquires a tool for monitoring logs and continue to develop the "production" monitoring capabilities for the system. 3/14/2008 - SCORE experience a system outage due to the lapse of a Citrix software license. This is unacceptable and has added additional concern from the counties.	Open																													
IVV-54	1/26/2008	2/29/2008	External Influence	Potential for Department of Justice fines for action for not implementing a Statewide Voter Registration system according to the published schedule. The Governor's office over the period sent out a survey asking the counties about their SCORE expectation and experiences to this point in the project. This communication will be seen as a shift in direction at an extremely critical time (Statewide Rollout) for the project. Organizational Change Management is extremely difficult on large scale IT (Legacy) projects. This communication may have created a negative perception of the project among the counties.	Business	2	3	6	Discuss issues with the SCORE Project Management Office and SCORE IV&V before communicating to the counties. Discuss the potential shift in schedule with the Department of Justice. 2/2/2008 - Follow-up the survey with additional clarifying information on the status of the project and specific issues brought out in the survey. 2/29/2008 - Based on the published report, the documented issues; Organizational Change Management, Mock Election Coordinator, and Network SWOT are all positives for the project. How they are implemented will be critical to the projects success.	Open																													
IVV-55	2/25/2008	4/4/2008	Technical Architecture	The database servers (8 - 4 each site) are only capable of handling 8GB of memory per server. This puts the scalability of the servers in question. Additional memory can only be added with additional processors which would require the purchase of additional Oracle licenses. The memory was needed to address the necessary simultaneous connections and database caching requirements.	Technical	3	3	9	Purchase new servers. Move non production environments to another set of infrastructure. 4/4/2008 - The new servers were installed over the period. No additional information was available at the time of the report.	Closed																													
IVV-56	3/31/2008		Transition Plan, Maintenance & Support Plan, Field Support & Platinum Support Plan	The State and Saber need to come to an agreement on an acceptable maintenance contract for the SCORE system. The agreement must include SLA, outstanding implementation issues, and the presence of a field support contract that was not part of the original negotiations. The cross over between the plans is extensive and has lead to a great deal of confusion.	Business	3	3	9	Begin planning the "program" portion of the project. Take into account the outstanding project issues. Consult with other States for lessons learned in their work with Saber post implementation.	Open																													
					<table border="1"> <thead> <tr> <th colspan="5">Impact</th> </tr> <tr> <th>Probability</th> <th>1 - Negligib</th> <th>2 - Marginal</th> <th>3 - Critical</th> <th>4 - Catastrophic</th> </tr> </thead> <tbody> <tr> <td>1 - Improbable</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>2 - Remote</td> <td>2</td> <td>4</td> <td>6</td> <td>8</td> </tr> <tr> <td>3 - Probable</td> <td>3</td> <td>6</td> <td>9</td> <td>12</td> </tr> <tr> <td>4 - Expected</td> <td>4</td> <td>8</td> <td>12</td> <td>16</td> </tr> </tbody> </table>				Impact					Probability	1 - Negligib	2 - Marginal	3 - Critical	4 - Catastrophic	1 - Improbable	1	2	3	4	2 - Remote	2	4	6	8	3 - Probable	3	6	9	12	4 - Expected	4	8	12	16	
Impact																																							
Probability	1 - Negligib	2 - Marginal	3 - Critical	4 - Catastrophic																																			
1 - Improbable	1	2	3	4																																			
2 - Remote	2	4	6	8																																			
3 - Probable	3	6	9	12																																			
4 - Expected	4	8	12	16																																			