



ALEX PADILLA | SECRETARY OF STATE | STATE OF CALIFORNIA
OFFICE OF VOTING SYSTEMS TECHNOLOGY ASSESSMENT
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August 21, 2015

County Clerk/Registrar of Voters (CC/ROV) Memorandum #15096

TO: All County Clerks/Registrars of Voters

FROM: /s/ Ryan Macias
Voting Systems Analyst

RE: Voting Systems: Blended Voting System Certification of Democracy Suite
4.14-A.1with GEMS 1.18.24

Kern County requested administrative approval of the Dominion Voting Systems, Inc. Democracy Suite version 4.14-A.1 with Adjudication version 2.4.1.14601 Voting System to be blended with the GEMS 1.18.24 Voting System. The Secretary of State administratively approved the blended system in the configuration described in the Administrative Approval and Use Procedures documents. Although the request was submitted by the County of Kern, any jurisdiction wishing to utilize the system in the approved configuration may do so, upon notification to the Secretary of State.

Attached is a copy of the Administrative Approval and Use Procedures documents.

Attachments: (2)



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August 20, 2015

Karen Rhea
Chief, Elections
Kern County Auditor-Controller-County Clerk
1115 Truxtun Avenue
Bakersfield, CA 93301

Dear Ms. Rhea:

On Monday, August 3, 2015, the Secretary of State Office of Voting Systems Technology Assessment (OVSTA) received a request for administrative approval, pursuant to California Elections Code section 19216, to use the Dominion Democracy Suite 4.14-A.1 with Adjudication 2.4.1.14601 voting system in conjunction with your existing GEMS 1.18.24 voting system.

The proposed blended system consists of the Democracy Suite Election Management System 4.14.2301, ImageCast Central 4.14.4 and Adjudication 2.4.1.14601 components in conjunction with the GEMS 1.18.24D and AccuVote-TSx 4.6.4D components.

Additionally, on Tuesday, August 4, 2015, a copy of the **OFFICIAL USE PROCEDURES FOR USE OF THE PREMIER TSX IN CONJUNCTION WITH THE DOMINION DEMOCRACY SUITE 4.14-A.1 WITH ADJUDICATION VERSION 2.4.1.14601** (Use Procedures) document was provided to OVSTA.

Based on the documentation provided, OVSTA has determined that the blended system does not impair the accuracy and efficiency of the voting system sufficient to require its reexamination and reapproval by the Secretary of State.

Therefore, in accordance with section 19216 of the California Elections Code, the blended system consisting of the Dominion Democracy Suite 4.14-A.1 with Adjudication 2.4.1.14601 voting system in conjunction with the GEMS 1.18.24 voting system in the configuration provided for in the Use Procedures is approved for use in California elections subject to the following conditions:

- Any jurisdiction using this blended system must adhere to the **Official Use Procedures for Use of the Premier TSx in Conjunction with the Dominion Democracy Suite 4.14-A.1 with Adjudication Version 2.4.1.14601** document and all documents incorporated by reference therein, as approved by the Secretary of State.

- Any jurisdiction upgrading to the blended system consisting of the Dominion Democracy Suite 4.14-A.1 with Adjudication 2.4.1.14601 voting system in conjunction with the GEMS 1.18.24 voting system must notify the OVSTA in writing of its intent to upgrade.
- No substitution or modification of the voting system shall be made with respect to any component of the voting system, including the Use Procedures, until the Secretary of State has been notified in writing and has determined that the proposed change or modification does not impair the accuracy and efficiency of the voting systems sufficient to require a re-examination and approval.

Sincerely,



Ryan Macias
Voting Systems Analyst
Office of Voting Systems Technology Assessment

**OFFICIAL USE PROCEDURES FOR USE OF THE PREMIER TSX IN CONJUNCTION
WITH THE DOMINION DEMOCRACY SUITE 4.14-A.1 WITH ADJUDICATION
VERSION 2.4.1.14601
as of August 3, 2015**

1. INTRODUCTION.

1.1 System description and components

- Dominion Democracy Suite 4.14-A.1
 - Election Management System (EMS), version 4.14.2301
 - ImageCast Central (ICC), DR-X10C scanner, running version 4.14.4
 - Adjudication Client, version 2.4.1.14601
- Premier (Dominion)GEMS System, version 1.18.24
 - Premier GEMS Election Management System, version 1.18.24
 - Premier AccuVote-TSX, version 4.6.4

1.2 Overview.

These procedures were developed to apply only to jurisdictions using the Dominion Democracy Suite Voting System with the components described above, together with one Premier AccuVote TSX per polling place to provide accessibility support to special needs voters in compliance with HAVA.

In general, the jurisdiction (and their vendor) is required to adhere to the governing Use Procedures approved by the Secretary of State for use with the respective systems. These procedures set forth the specific additional procedures required by the combination of these system components.

2. BALLOT DEFINITION.

For vote by mail and precinct voters whose ballots will be tabulated on the Dominion ImageCast Central, the paper ballots will be printed in accordance with the governing Use Procedures approved by the Secretary of State for use with that system.

3. SYSTEM INSTALLATION AND CONFIGURATION.

The jurisdiction shall comply fully with the governing Use Procedures approved by the Secretary of State for the Dominion Democracy Suite Election Management System (EMS), ImageCast Central (ICC) and Adjudication Client with respect to acceptance testing, installation and configuration.

The jurisdiction will comply fully with the governing Use Procedures approved by the Secretary of State for the Premier GEMS Election Management System and AccuVote TSX with respect to acceptance testing, installation and configuration.

4. ELECTION SET-UP AND DEFINITION.

4.1 Programming and configuration of election management system/software, including audit records to be generated and retained.

County will program the election in its respective election management system, including district, contest and candidate set-up, precinct consolidation and polling place assignment. System reports will be proofed for correct race information, ballot type configuration, precinct consolidation, and polling place assignment. All audit records and reports will be retained as legally required.

4.2 Programming and configuration of vote recording/tabulation devices including audit records to be generated and retained.

Election definition and data from the county's election management system will be exported according to the system specifications and imported into the Democracy Suite Election Management System (EMS) and ballots for use with ImageCast Central (ICC) will be created. All ICC elections files will be created according to the governing Use Procedures for the Democracy Suite system approved by the Secretary of State.

Election definition and data from the county's election management system will also be exported according to the system specifications and imported into the GEMS system, and GEMS touchscreen ballot definitions will be created by county elections staff. All TSX memory cards will be created by county elections staff according to the governing Use Procedures for the AccuVote system approved by the Secretary of State. Additionally, the jurisdiction will fully comply with the additional security procedures specified by the Secretary of State in the Withdrawal of Approval and Conditional Re-Approval of use of GEMS 1.18.24 dated December 21, 2009.

All audit records will be generated and retained as specified by the governing Use Procedures for both systems approved by the Secretary of State.

4.3 System Proofing.

In system proofing, the jurisdiction will fully comply with the governing Use Procedures of both the Dominion Democracy Suite and Premier AccuVote systems as approved by the Secretary of State.

The jurisdiction will proof the GEMS TSX touchscreen ballots and the ImageCast paper ballots as well as the elections management system reports from both systems to ensure the following:

- Correct assignment of contests to ballot types,
- Correct assignment of candidates to contests,
- Correct assignment of "Vote For" number to contests,
- Correct spelling of all materials including: instructions, candidate names, occupational designations, district and contest names,
- Contests and candidates are in proper order as required by the California Elections Code and the rotation assignment for the County.

Upon completion of content proofing in both systems, the jurisdiction will proof the GEMS TSX touchscreen ballots against the ImageCast paper ballots and ensure that ballot information is matching for both paper and accessible ballot voters.

4.4 System diagnostic testing procedures, including audit records to be generated and retained.

The jurisdiction will fully comply with the governing Use Procedures for each system approved by the Secretary of State.

4.5 Logic and accuracy testing of systems and components.

Logic and accuracy testing will be completed on all ICC tabulators as required in the governing use Procedures approved by the Secretary of State for the Democracy Suite System. Logic and accuracy testing will be completed on all TSX units as required in the governing Use Procedures approved by the Secretary of State for the Premier AccuVote TSX units.

4.6 Ballot Tally Programs.

The jurisdiction will fully comply with the governing Use Procedures for the Democracy Suite Election Management System approved by the Secretary of State. Because the Premier GEMS AccuVote system will not be used to tally ballots, there is no requirement to submit the GEMS ballot tally program to the Secretary of State.

4.7 Election Observer Panel.

The jurisdiction will create and follow an Election Observer Panel plan that addresses the combination of systems and fully complies with the requirements specified in the governing Use Procedures approved by the Secretary of State for each system.

4.8 Hardware maintenance and preparation for use.

The jurisdiction will fully comply with the governing Use Procedures for both systems approved by the Secretary of State.

5 POLLING PLACE PROCEDURES

5.1 General requirements.

The jurisdiction shall fully comply with the governing Use Procedures for the Dominion Democracy Suite and Premier AccuVote systems as approved by the Secretary of State, with respect to:

- Precinct supplies, delivery and inspection
- Polling place set-up
- Opening the polls
- General polling place procedures

- Provisional voters
- Closing the polls and vote reporting
- Securing audit logs and backup records
- Troubleshooting and problem resolution

5.2 Special Needs Voters

5.2.1 Polling place procedures

At the polling place, voters requesting the use of the accessible voting system will sign the official roster like all other voters. There will be no special designation on the roster that would identify voters who voted on the AccuVote TSX. These voters will then be issued a voter access card for the AccuVote TSX and directed to the TSX where he/she will receive instruction on using the device in accordance with the governing use procedures approved by the Secretary of State for the GEMS AccuVote-TSx system.

5.2.2 Ballot Security/Secrecy

To ensure the secrecy of the ballot, no canisters containing Voter Verifiable Paper Audit Trails (VVPAT's) will be opened in the polling place under any circumstances. Should there be a jam or other problem with a canister in a polling place while the polls are open; the entire sealed canister will be replaced in accordance with the governing Use Procedures approved by the Secretary of State for the GEMS AccuVote-TSx system.

6. VOTE BY MAIL / MAILED BALLOT PROCEDURES (CENTRAL TABULATION).

The jurisdiction shall fully comply with the governing Use Procedures approved by the Secretary of state for the Dominion Democracy Suite ImageCast Central System.

7. SEMI-FINAL OFFICIAL CANVASS AND POST-ELECTION PROCEDURES.

The jurisdiction shall fully comply with the governing Use Procedures approved by the Secretary of State for the Dominion Democracy Suite System.

Ballots cast on the Premier AccuVote TSX by special needs voters need not be tabulated during the semi-final official canvass.

8. OFFICIAL CANVASS AND POST-ELECTION PROCEDURES.

8.1 Canvassing AccuVote TSX voted ballots.

The ballots cast on the AccuVote TSX during early voting or on Election Day will be duplicated onto the Dominion (EMS) ballots for counting on the ICC machines. This process will take place during the official canvass. Elections Code Section 15208 and 15210 govern the segregation and duplication of the ballots.

The following equipment will be returned to the Election Official on Election Day, after the close of the polls:

1. Sealed canister(s) containing VVPAT's.
2. Sealed bag containing the memory card from the AccuVote TSX unit.
 - a. The memory cards shall be uploaded into GEMS and the voted ballot images printed for each ballot cast from all polling locations. A summary report shall be printed upon completion. The jurisdiction will ensure that there will be no way that any cast vote record can be tied back to a voter.
 - b. The duplication board will consist of not less than two members. All ballot cards prepared as duplicates of the printed voted GEMS ballot images, shall be clearly labeled "duplicate", and shall be given a serial number which shall also be recorded on the voted GEMS ballot image.
 - c. In creating the duplicate ballot, one board member shall duplicate onto the Dominion duplicate ballot card(s) those voting positions marked on the printed voted GEMS ballot image. Another member shall verify that the marks on the duplicate ballot exactly match those on the printed voted GEMS ballot image.
 - d. With the printed voted GEMS ballot record there should not be a question as to voter intent, as the ballots will be clearly marked. However, in the case of a question, voter intent must be determined by a supervisor. The guidelines set by the Secretary of State shall be followed and the decision of the supervisor shall be documented. This documentation shall be maintained with the voided ballot image.
 - e. The duplicated ballots will be batched, counted on the ICC and added to the precinct vote totals. A batch totals report shall be printed from the ICC. The ICC totals report shall be compared to the GEMS report total to ensure that they are exactly matching and all ballots cast on the AccuVote TSX are included and duplicated correctly.
 - f. Alternatively, for purposes of duplication onto a Dominion ballot card for processing ballots cast on the TSX, the jurisdiction may use the Voter Verifiable Paper Audit Trail (VVPAT). Steps 2(b) through 2(d) will be executed using the VVPAT in place of the printed voted GEMS ballot image. Once duplication has been completed, the duplicated ballots will be batched, counted on the ICC and added to the precinct vote totals.

Whichever method is utilized for duplication, the VVPAT is the official ballot of record and shall be used for purposes of the 1% manual tally or manual recount as noted in section 9.

All election materials, including logs, ballots, VVPAT's and TSX memory cards, will be stored in accordance with election law and governing system Use Procedures on file with the Secretary of State.

8.2 OTHER.

In all other respects the jurisdiction will fully comply with the governing official Use Procedures approved by the Secretary of State for the Dominion Democracy Suite 4.14-A.1 with Adjudication Version 2.4.1.14601.

9. MANUAL RECOUNT PROCEDURES.

The jurisdiction will fully comply with the governing Use Procedures approved by the Secretary of State for the Dominion Democracy Suite System. For any votes cast on the AccuVote TSX and duplicated onto paper ballots, the VVPAT will be used to perform a manual recount or the 1% manual tally of those ballots duplicated in accordance with the governing use procedures approved by the Secretary of State for the GEMS AccuVote 1.18.24 System.

10. SECURITY.

For the Dominion components of the system, the jurisdiction will fully comply with the governing Use Procedures approved by the Secretary of State for that Dominion system. For the Premier Components of the system, the jurisdiction will fully comply with the governing Use Procedures approved by the Secretary of State for the GEMS AccuVote 1.18.24 System.

11. BIENNIAL HARDWARE CERTIFICATION AND NOTIFICATION

For the Dominion components of the system, the jurisdiction will fully comply with the governing Use Procedures approved by the Secretary of State for the Dominion system. For the Premier components of the system, the jurisdiction will fully comply with the governing Use Procedures approved by the Secretary of State for the GEMS AccuVote 1.18.24 system.