August 9, 2017

County Clerk/Registrar of Voters (CC/ROV) Memorandum #17063

TO: All County Clerks/Registrars of Voters

FROM: /s/ Susan Lapsley
Deputy Secretary of State and Counsel

RE: Voting Systems: OVSTA Monthly Update – August 2017

Each month, the Office of Voting Systems Technology Assessment (OVSTA) provides an update on Election Assistance Commission (EAC) and Secretary of State (SOS) activities related to voting technology.

Each update provides information on:

- Voting technology related events that may be of interest.
- Administrative approvals and denials since the prior month's update.
- Administrative approval requests since the prior month's update.
- Voting technology testing and approval at the SOS office.
- Voting system testing and certification at the EAC.
- Defect, failure, and fault reports issued since the prior month's update.
- Ballot printing certification requests since the prior month's update.

Recent and Upcoming Events

OVSTA completed certification testing of ES&S's EVS 5.2.1.0 voting system on June 30, 2017. Post-Testing activities will continue through the coming months.

The California Association of Clerks & Election Officials held its annual conference in Lake Tahoe, California, on July 10-14, 2017. Additional information regarding the conference can be located at: https://caceo.memberclicks.net/annual-2017-lake-tahoe.

OVSTA completed certification testing of Dominion Voting Systems' Democracy Suite 5.2 voting system on August 4, 2017. Post-Testing activities will continue through the coming months.

The Def Con 25 hacking conference was held in Las Vegas, Nevada, on July 27-30, 2017. Voting systems were reviewed to raise awareness of the vulnerabilities that could be exploited. Additional information regarding the conference can be located at: https://www.defcon.org/html/defcon-25/dc-25-index.html.

Clear Ballot will be holding a demonstration of their Clear Ballot voting solution in Fairfield, California, on August 10, 2017. For additional information regarding the demonstration contact the Assistant Registrar of Voters of Solano County, John Gardner, at: jhgardner@solanocounty.com.

OVSTA continued with certification testing of Democracy Live Secure Select 1.0 remote access vote by mail system. Testing will continue through the coming months.

OVSTA continued with certification testing of Five Cedars Group's Alternate Format Ballot remote access vote by mail system.

OVSTA is finalizing the documents for the formal rule making process for the proposed Ballot Printing regulations and Electronic Poll Book regulations.

OVSTA is in the process of updating our website. You can visit us at: http://www.sos.ca.gov/elections/voting-systems/.

Testing and Approval by the State of California

Application status is now available online at: Voting Technology Applications Status | California Secretary of State.

System	Type	Applicant	Submission Date	Testing Phase
ABVote 4.01	Remote Accessible Vote by Mail System	Votem	08/26/2016	On Hold
EVS 5.2.1.0	Voting System	Election Systems & Software	9/07/2016	Post-Testing
Prime III	Remote Accessible Vote by Mail System	Prime III	10/31/2016	On Hold
Democracy Suite 5.2	Voting System	Dominion Voting Systems	12/18/2016	Post-Testing
SecureSelect 1.0	Remote Accessible Vote by Mail System	Democracy Live	12/19/2016	Testing (Software)
BallotDNA 360 Voting 2.0	Remote Accessible Vote by Mail System	DemTech	01/04/2017	Pre-Testing
Alternate Format Ballot	Remote Accessible Vote by Mail System	Five Cedars Group	04/26/2017	Testing (Software)

Administrative Approval Requests

California Elections Code section 19216 precludes a voting system or part of a voting system that has been approved by the Secretary of State from being changed or modified until the Secretary of State has determined the change "does not impair its accuracy and efficiency. . . ."

- Election Systems and Software's (ES&S) administrative approval request to substitute the Dell OptiPlex 7020 with the Dell OptiPlex 5040 in their Unity 3.4.1.0 voting system on June 13, 2017, is pending submittal of a Voting System Test Laboratory (VSTL) report from ES&S.

Information on submitting an administrative approval request is in "Requesting Administrative Approval of a Change or Modification to an Approved Voting System."

Administrative Approvals

- There were no administrative approvals in July.

Testing and Certification at the EAC

The EAC provides a weekly update of voting system testing. As of the last update on August 3, 2017, the current testing and certification status for systems relevant to California is:

ClearBallot Group ClearVote 1.4. The EAC approved Revision E of the test plan on July 14, 2017, and will continue testing on this system.

Dominion Democracy Suite 5.0-A. The EAC approved Revision C of the test report on July 21, 2017. On July 26, 2017, the Decision Authority provided an initial decision to grant certification for this system.

Dominion Democracy Suite DVS 5.5. The EAC approved the application for the testing of this system on July 5, 2017.

ES&S EVS 6.0.0.0. The EAC approved the application for the ES&S EVS 6.0.0.0 voting system on June 5, 2017.

ES&S EVS 6.2.0.0. The initial test plan for this system was submitted to the EAC by SLI on July 25, 2017. The EAC is currently reviewing the test plan and will have comments back to SLI by August 21, 2017.

The EAC's "Voting Systems Under Test" and "Certified Voting Systems" pages provide more specifics on each voting system.

Defects, Failures, and Faults

Defects, failures, and faults (problem reports) of (1) voting system hardware and software and (2) ballot printing manufacturing and finishing are reported to the Secretary of State.

- There were no defect reports reported to OVSTA in July.

Ballot Printing Certification Requests and Approvals

- There were no ballot printing certification requests or approvals in July.

A list of certified ballot printers can be found at:
http://elections.cdn.sos.ca.gov//pdfs/approved-vendors-2017-01.pdf.

Ballot on Demand Printing Requests and Approvals

- Dominion Voting Systems has submitted an application for their Mobile Ballot Printing (MBP) 5.2.18.2 system on July 25, 2017.

A list of certified ballot on demand systems and jurisdictions can be found at:
http://votingsystems.cdn.sos.ca.gov/cert-and-approval/ballots/cert-bod-2015.pdf.

Electronic Poll Book Certification Requests and Approvals

Application status is now available online at:
Voting Technology Applications Status | California Secretary of State.

System	Type	Applicant	Submission Date	Testing Phase
ExpressPoll EZRoster V3.3.1.0	ePollBook	Election Systems & Software	08/26/2016	Application (Review)
AskED V.3.4	ePollBook	Robis	01/05/2017	Application (Review)
PollPad2 CA	ePollBook	KNOWiNK	01/30/2017	Application (Review)
EA Tablet System	ePollBook	Election Administrators	01/30/2017	Application (Review)
EViD ePollBook 16.0.40.0	ePollBook	VR Systems	02/01/2017	Application (Review)
PollChief Voting Site Service Application 1.02	ePollBook	Konnech, Inc.	06/21/2017	Application (Review)
Advocate Precinct Management System	ePollBook	DemTech	06/26/2017	Application (Review)
Precinct Central Touch Pad	ePollBook	Tenex Software Solutions, Inc.	07/18/2017	Application (Review)

Disposal or Sale of Equipment Purchased with Help America Vote Act (HAVA) and/or Voting Modernization Bond (VMB) Funding

In 2012, the California Secretary of State issued guidance regarding the disposition or sale of equipment purchased with HAVA and/or VMB funding. See Secretary of State (SOS) County Clerk/Registrar of Voters (CC/ROV) Memorandum #12219 - Handling the Sale and Funds from the Sale of Voting Systems or Voting Equipment. The document outlines proper disposal or sale procedures of voting systems or voting equipment purchased with HAVA and/or VMB funding. The document also highlights that all equipment must be void of any software or firmware and returned to a condition of a non-functioning piece of hardware prior to its disposal or sale.

Also, the EAC issued Election Assistance Commission (EAC) Funding Advisory Opinion FAO-08-007. The document outlines proper disposal or sale account procedures for original or replacement equipment acquired with HAVA funding.