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OFFICE OF VOTING SYSTEMS TECHNOLOGY ASSESSMENT  
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November 3, 2017

County Clerk/Registrar of Voters (CC/ROV) Memorandum #17108

**TO:** All County Clerks/Registrars of Voters

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

**RE:** Voting Systems: OVSTA Monthly Update – November 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**

Written public comment for Election Systems & Software's EVS 5.2.1.0CA was accepted through October 27, 2017.

OVSTA submitted Ballot Printing regulations to the Office of Administrative Law (OAL). The 45-day written public comment period began September 15, 2017, and ended November 1, 2017. The regulation documents can be viewed at:  
[www.sos.ca.gov/administration/regulations/proposed-regulations/](http://www.sos.ca.gov/administration/regulations/proposed-regulations/).

OVSTA has submitted the Electronic Poll Book regulations to the Office of Administrative Law (OAL) to begin the formal rulemaking process. The 45-day written public comment period began October 20, 2017, and goes through December 8, 2017. The regulation documents have been published on our website at:  
[www.sos.ca.gov/administration/regulations/proposed-regulations/](http://www.sos.ca.gov/administration/regulations/proposed-regulations/).

OVSTA has created a new California Application for Approval of a Voting Technology for remote accessible vote by mail systems, voting systems, and electronic poll books. The new application can be found at: <http://votingsystems.cdn.sos.ca.gov/cert-and-approval/vsysapproval/vote-tech-applic.pdf>.

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**

Five Cedars Group Inc.'s Alternate Format Ballot (AFB) 4.3 remote accessible vote by mail system was approved on October 11, 2017. The certificate of approval can be viewed at: <http://elections.cdn.sos.ca.gov/ccrov/pdf/2017/october/17089sl.pdf>.

Democracy Live, Inc.'s Secure Select 1.0 remote accessible vote by mail system was approved on October 11, 2017. The certificate of approval can be viewed at: <http://elections.cdn.sos.ca.gov/ccrov/pdf/2017/october/17089sl.pdf>.

Dominion Voting Systems, Inc.'s Democracy Suite Version 5.2 Voting System was approved on October 16, 2017. The certificate of approval can be viewed at: <http://elections.cdn.sos.ca.gov/ccrov/pdf/2017/october/17093sl.pdf>.

Application status is now available online at:  
[Voting Technology Applications Status | California Secretary of State](#).

System	Type	Applicant	Submission Date	Testing Phase
EVS 5.2.1.0 CA	Voting System	Election Systems & Software	09/07/2016	Post Testing
ImageCast Remote 5.2	Remote Accessible Vote by Mail System	Dominion Voting Systems	09/05/2017	Application (Review)
Verity 3.0	Voting System	Hart InterCivic	09/14/2017	Application (Review)
VSAP Tally Version 1.0	Voting System	Los Angeles County	09/19/2017	Application (Review)

### **Administrative Approval Requests**

California Elections Code section 19291 precludes a remote accessible vote by mail 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. . . .”

- Democracy Live
  - Request dated October 16, 2017 – Upgrade existing system to apply a fix for bugs found during acceptance testing.
  - Request dated October 19, 2017 – Request for an extension to implement Condition #7 of the conditional certification dated October 11, 2017.

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 two administrative approvals issued to Democracy Live for the Secure Select 1.1.2 (Formerly 1.0) system.
  - On October 17, 2017, an administrative approval was granted to Democracy Live, addressing three bugs within the Secure Select system. As such the approved version of Secure Select is now version 1.1.2.
  - On October 19, 2017, an additional administrative approval was issued to grant an extension to Democracy Live to meet Condition #7 of the certification issued on October 11, 2017. All other conditions of the certification dated October 11, 2017, remain in effect.

### **Testing and Certification at the EAC**

The EAC provides [updates](#) on voting system testing. As of the last update on October 19, 2017, the current testing and certification status for systems relevant to California is:

**ClearBallot Group ClearVote 1.4.** The EAC continued testing on this system.

**Dominion Democracy Suite DVS 5.5.** The EAC approved the application for the testing of this system.

**ES&S EVS 6.0.0.0.** The EAC received the initial version of the Test Plan and is currently reviewing and providing comment.

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 problem reports reported to OVSTA in October.

### **Ballot Printing Certification Requests and Approvals**

- On October 27, 2017, Election Systems & Software (ES&S) was approved to function as an authorized manufacturer and finisher of ES&S M100, M650, and AutoMARK ballots.

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**

- On October 27, 2017, Election Systems & Software's (ES&S) Balotar Ballot on Demand system was approved to print ES&S Electionware Voting System ballots on Oki Data C9650dn, C711dn and C532dn printers.

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.