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October 8, 2019

County Clerk/Registrar of Voters (CC/ROV) Memorandum #19098

TO: All County Clerks/Registrars of Voters
FROM: /s/ Susan Lapsley
Deputy Secretary of State and Counsel
RE: Voting Systems: OVSTA Monthly Update – October 2019

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 approval requests and denials since the prior month's update.
- Voting technology testing and approval at the SOS office.
- 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

The OVSTA portion of the SOS website has been revised. The new OVSTA landing page can be located [here](#). Please update any previous bookmarked pages or links accordingly.

The DefCon 27 hacking conference was held in Las Vegas, Nevada, on August 8-11, 2019. Voting machines 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-27/dc-27-index.html>. Secretary of State Staff attended. An official DefCon report from the conference organizers has been released.

Voting System and RAVBM Testing and Approvals

OVSTA completed certification testing of Dominion's Democracy Suite 5.10 voting system. A public hearing was held on September 4, 2019. Written public comment was

received through September 13, 2019. The system reports and public comment are under review.

OVSTA completed certification testing of the ES&S EVS 6.0.4.2 voting system. A public hearing was held on September 4, 2019. Written public comment was received through September 13, 2019. The system reports and public comment are under review.

OVSTA began functional testing of Los Angeles County's Voting Solutions for All People (VSAP) voting system.

OVSTA has begun testing of Los Angeles County's Voting Solutions for All People (VSAP) Interactive Sample Ballot (ISB) RAVBM system.

OVSTA is conducting additional testing of Dominion's ImageCast Remote 5.10 remote accessible vote by mail system. A public hearing will be scheduled in the coming months.

OVSTA has begun testing of Hart InterCivic's Verity Voting 3.1 Voting System.

Voting technology application status is as follows:

System	Type	Applicant	Submission Date	Testing Phase
Democracy Suite 5.10	Voting System	Dominion Voting Systems, Inc.	10/24/2018	Public Hearing was held September 4, 2019. Public comment through 9/13.
VSAP Tally Version 2.0	Voting System	Los Angeles County	11/6/2018	Testing (Volume and Accessibility)
EVS 6.0.4.2	Voting System	ES&S	12/18/2018	Public Hearing was held September 4, 2019. Public comment through 9/13.
Verity Voting 3.1	Voting System	Hart Intercivic	5/3/2019	Testing (Functional)
ImageCast Remote 5.10	RAVBM	Dominion Voting	10/24/2018	Testing (Post)
VSAP Interactive Sample Ballot	RAVBM	Los Angeles County	11/6/2018	Testing (Software Review)
EVS 6.1.0.0	Voting System	ES&S	9/16/2019	Application Received

Administrative Approval Requests and Approvals

Dominion Voting Systems has submitted a request for an updated version of their ImageCast Central product. Information regarding administrative approval requests can be found [here](#).

Testing and Certification at the EAC

The EAC provides [updates](#) on voting system testing. The latest update from the EAC was provided on September 27, 2019. However, based upon discussions with vendors, no systems currently undergoing testing and certification at the EAC are relevant to California.

Additional specifics regarding each voting system are available at: "[Voting Systems Under Test](#)" and "[Certified Voting Systems](#)".

Defects, Failures, and Faults

Hart InterCivic reported a fault in their Verity Voting 3.0.1 voting system involving printer connections to their TouchWriter product. Contact the Secretary of State for details.

Ballot Printing Certification Requests and Approvals

ProVote Solutions was provided approval to print Hart Verity ballots on a new Screen TruePress Jet 520 printer.

A list of certified ballot printers can be found [here](#).

Ballot on Demand Printing Requests and Approvals

OVSTA received an application from ES&S for their Balotar v3.0.5.1 ballot on demand system. Testing will begin this month.

OVSTA received an application from Runbeck for their Sentio v9.2 ballot on demand system. Testing is in progress.

A list of certified ballot on demand systems and jurisdictions can be found [here](#).

Electronic Poll Book Certification Requests and Approvals

There were no electronic poll book certification requests or approvals in September. A list containing certified electronic poll book vendors can be found [here](#).

Electronic poll book application status is as follows:

System	Type	Applicant	Submission Date	Testing Phase
AskED 3.4.130.0	ePollBook	Robis Elections	02/23/2019	Testing (Functional)
KNOWiNK 2.4.8	ePollBook	KNOWiNK Inc.	02/27/2019	Testing (Functional)

Notes and Reminders

Per [California Code of Regulations Section 20233](#), jurisdictions wishing to purchase ballot cards directly from a ballot printer or wishing to have unfinished ballot cards removed from a warehouse for finishing, shall request and receive a release from the Secretary of State. No ballot cards or unfinished ballot cards shall be manufactured, and no unfinished ballot cards shall be removed from the warehouse for finishing, prior to issuance of a specific release. The [Request for Ballot Card Release](#) is available on the Secretary of State website. Requests should be submitted to the Secretary of State at ballotrelease@sos.ca.gov.

The Secretary of State's Office issues County Clerk/Registrar of Voters (CC/ROV) Memorandums containing ballot tint and watermark for statewide elections only. For local elections, jurisdictions are required to request ballot tint and watermark from the Secretary of State per [California Code of Regulations Section 20280](#). Requests should be submitted to the Secretary of State at: votingsystems@sos.ca.gov.

As a reminder, pursuant to California Elections Code sections 17301-17306, the retention and preservation of election records, which includes digital ballot images is 22 months. Several voting system tabulation components are capable of producing digital ballot images. Additional information regarding how to backup, retain, and preserve the digital ballot images, and whether or not your jurisdiction's voting system has this capability, can be found in the respective Use Procedures, [here](#).

Regarding the disposal or sale of equipment:

- In 2012, the California Secretary of State issued guidance regarding the disposition or sale of equipment purchased with HAVA and/or VMB funding. This 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 will be re-issued soon. 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.
- The US-CERT issued [Security Tip \(ST18-005\)](#) outlining proper disposal procedures for electronic devices.

Governor Brown signed [AB 1013](#) into law, requiring a county elections official to permit a voter with a disability, or a military or overseas voter, to cast his or her ballot using a certified RAVBM system. As a reminder, the county accessibility contracts and the voting system replacement contracts allow for reimbursement of costs associated with the acquisition or deployment of an RAVBM system. The following systems are either certified or are navigating the testing and certification process in California:

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- Democracy Live Secure Select 1.2.1 (Certified).
- Dominion ImageCast 5.2 (Certified).
- Five Cedars Group Alternate Format Ballot (AFB) 5.2.1 (Certified).
- Dominion ImageCast 5.10 (Post-Testing).
- Los Angeles VSAP Interactive Sample Ballot (Testing).