



VOTING SYSTEM

TESTING AND CERTIFICATION

PROGRAM E-NEWSLETTER

PROGRAM DIRECTOR'S NOTE

Comings and Goings in the Certification Division

As many of you know, change and chaos is more the norm than the exception in Washington, DC. In that spirit, I would like to recognize imminent arrivals and recent departures of personnel within the Certification Division.

Joshua Franklin will soon be leaving the Certification Division after 3 years as one of our Computer Engineers. Josh will be joining the staff of the National Institute of Standards and Technology (NIST) working in their Computer Security Division. Josh will not be leaving elections entirely; however, a good portion of his time at NIST will be assisting the voting team with ongoing research related to the VVSG and UOCAVA guidelines. Josh has grown considerably since he joined the Division and has done really outstanding work for us over the past three years. He will be missed!

On a happier note, Megan Dillon will be joining the Certification Division as a Computer Engineer starting August 14, 2012. Megan graduated from the George Washington University School of Engineering and Applied Science and has been working for the past two years in the private sector as a program analyst testing software designs and implementations. We look forward to Megan's arrival and hope to be able to introduce her to the election community later this year.

- Brian Hancock

PROGRAM UPDATES

GENERAL INFORMATION

Useful Links

[Voting System Test Laboratory Program Manual](#)
[Voting System Testing & Certification Manual](#)
[Frequently Asked Questions \(FAQ\)](#)
[EAC Blog, Twitter](#) and [YouTube](#)

[Election calendar](#)
[EAC map](#)

Subscription Status

Email rsargent@eac.gov to change your subscription status.

TECHNICAL UPDATES

EAC Spotlight: County of Los Angeles, Office of the Registrar-Recorder/County Clerk

The Los Angeles Registrar – Recorder/County Clerk's office was kind enough to invite two EAC staff members to witness the June 5, 2012 Primary Election in LA County. These two EAC staff members had a wonderful visit with everyone at the County office and would like to thank their hosts, especially Dean Logan, Efrain Escobedo and Monica Flores, [read more...](#)

EAC Roundtable: Getting Ready for November

EAC hosted a roundtable discussion Tuesday, June 19, 2012. This roundtable opened up a national discussion about what to expect and how to prepare for November 2012 and beyond. Participants shared ideas and strategies about voting system preparation, ballot preparation, voter education, polling places, voter turnout, provisional ballots and more. See the [participant list, agenda, questions, and webcast for details.](#)

Voting System Updates

[Dominion Democracy Suite 4.9](#). Wyle is in the process of reviewing source code for this modification and determining test cases needed for this campaign. Wyle expects to begin work on the draft Test Plan within the next week or two. Dominion is preparing an amended application to correct version numbers for this system.

[Dominion Sequoia WinEDS 4.0](#). EAC is in discussion with Dominion about the next steps in this test campaign.

[Election Systems & Software \(ES&S\) Unity 3.4.0.0](#). The EAC approved the Test Plan for this campaign on July 17, 2012. EAC is working with Wyle and ESS to clarify information about the root cause analysis for the "Decision Late" discrepancy. ES&S submitted a revised application on August 3, 2012, to remove modeming functionality from this test campaign.

TECHNICAL UPDATES

[Election Systems & Software \(ES&S\) EVS 5.0.0.0](#). Upon completion of Test Case Sequencing for ERM and Express vote, and acceptance of the Test Plan, ES&S halted testing on EVS 5.0.0.0. EAC approved the Test Plan on July 20, 2012.

EAC & Military Heroes Initiative Update

On Tuesday, July 24th, ITIF hosted an event to provide an [overview of their research](#) on making voting accessible for disabled veterans. The presentation was held at the Russell Senate Office Building. This event focused on a discussion of the barriers that exist for disabled service members and ways to improve voting access for them.

Background: In FY 2009 and FY 2010, Congress provided funds to the EAC to develop a research program to continue to support accessible voting technology. In September 2010, EAC [awarded](#) a \$500,000 grant to the Information Technology and Innovation Foundation (ITIF) to research the needs of recently injured military personnel with regard to the federal election process. This initiative was developed by EAC and the Department of Defense Federal Voting Assistance Program (FVAP).

State Certification Meeting Wrap Up

On June 14th and 15th, Ball State University's Bowen Center for Public Affairs hosted the second annual State Certification Testing of Voting Systems National Conference in Indianapolis, IN. The first meeting on state certification was held in September 2011 at the Center for Election Systems at Kennesaw State University, Kennesaw, Georgia. Participants found the event so useful, they began building a network of state officials and academics with whom to share information and advice. During that meeting, the participants decided the event should be repeated and expanded.

The primary goal of the conference was to provide a venue for practitioners and academics to share best practices; explore more efficient and effective methods of testing voting systems; and to identify common challenges and

potential mitigations to those challenges. A secondary goal was to improve the quantity and quality of information that flows between the state, county, township and federal testing entities. [View the topics and presentations](#)

Quality Monitoring Program

EAC's [Quality Monitoring Program](#) is designed to ensure that voting systems certified by EAC are the same systems sold by manufacturers. The quality monitoring process is a mandatory part of the program and includes elements such as fielded voting system review, anomaly reporting, and manufacturing site visits. The [system advisory alerts](#) include recommended procedures, possible root causes and contact information for those jurisdictions with additional questions.

Election Officials can report voting system anomalies to the EAC utilizing the [Voting System Anomaly Reporting Web Form](#).

Voting System Reports Collection

As part of EAC's clearinghouse responsibilities under Section 202 of the Help America Vote Act, the commission adopted a policy authorizing staff to post and distribute voting system reports and studies that have been conducted or commissioned by a state or local government. EAC encourages state and local governments to submit their voting system reports and studies so they may be shared with the broader election community and the public. View the reports and studies [here](#).

Requests for Interpretations (RFI)

To view all of the RFIs published by the EAC, please visit the [Request for Interpretations](#) section of the Certification Program Web site.

Notice of Clarifications (NOC)

To view all of the NOCs published by the EAC, please visit the [Notice of Clarifications](#) section of the Certification Program Web site.

VOTING SYSTEM STATUS REPORT: ACTIVE

MANUFACTURER	VOTING SYSTEM NAME VERSION	TESTING STANDARD	VSTL	TESTING APPLICATION	TEST PLANS STATUS CURRENT VERSION	TEST REPORTS STATUS CURRENT VERSION	CERTIFICATION STATUS
Dominion	Sequoia WinEDS 4.0	2002 VSS	SLI Global	08/09/2007	Approved Ver. 1.3 08/23/2011	Partial Draft Ver. 1.0 06/08/2012	Currently under testing
Dominion	DemSuite 4.9 (Modification)	2005 VVSG	Wyle	05/18/2012	n/a	n/a	Currently under testing
ES&S	Unity 3.4.0.0 (Modification)	2005 VVSG	Wyle	07/21/2011	Approved Rev. C 06/12/2012	n/a	Currently under testing - Certification Testing Timeline
ES&S	EVS 5.0.0.0	2005 VVSG	Wyle	11/30/2011	Approved Rev. B 07/06/2012	n/a	Currently under testing

VOTING SYSTEMS STATUS REPORT: CERTIFIED

MANUFACTURER	VOTING SYSTEM NAME VERSION	TESTING STANDARD	VSTL	TESTING APPLICATION	TEST PLANS STATUS CURRENT VERSION DATE	TEST REPORTS STATUS CURRENT VERSION DATE	CERTIFICATION STATUS
Dominion	Democracy Suite 4.0	2005 VVSG	Wyle	04/19/2010	Final Rev. D 12/06/2011	Final Rev. A 05/10/2012	Certified Voting System Final Decision 05/10/2012 Certification of Conformance Initial Decision on Certification made on 05/09/2012
Dominion	Premier Assure 1.3 (Modification)	2005 VVSG	SLI Global	11/14/2011	Approved Rev. 1.6 04/27/2012	Final Rev. 1.3 05/18/2012	Certified Voting System Final Decision 06/29/2012 Certification of Conformance Initial Decision on Certification made on 05/25/2012
ES&S	Unity 3.2.1.0 Previously Unity 3.0.1.0 & Unity 3.0.1.1 v. ATS 1.3	2002 VSS	Wyle	06/12/2007 Revised 08/17/2009	Approved Rev. B 02/28/2011	Final Rev. A 03/10/2011	Certified Voting System Final Decision 03/29/2011 Certification of Conformance Initial Decision on Certification made on 03/22/2011
ES&S	Unity 3.2.0.0 Rev. 3 (Modification)	2005 VVSG	Wyle	01/20/2012	Final Rev B 03/27/2012	Final Rev. A 05/08/2012	Certified Voting System Final Decision 05/16/2012 Certification of Conformance Initial Decision on Certification made on 05/10/2012
ES&S	Unity 3.2.0.0 Rev. 1 (Modification)	2005 VVSG & 2002 VSS	iBeta	06/22/2010	Final Ver. 4.0 09/23/2010	Final Ver. 4.0 10/12/2010	Certified Voting System Final Decision 08/24/2010 Certification of Conformance Initial Decision on Certification made on 07/22/2010
ES&S	Unity 3.2.0.0	2002 VSS	iBeta	03/19/2007	Final Ver. 2.0 (iBeta) 04/03/2009	Final Ver. 4.0 07/22/2009	Certified Voting System Final Decision 07/21/2009 Certification of Conformance Initial Decision on Certification made on 07/20/2009
ES&S/Dominion (Premier)	Assure 1.2	2002 VSS	iBeta	04/05/2007	Final Ver. 2.0 (iBeta) 04/06/2009	Final Ver. 3.0 08/06/2009	Certified Voting System Final Decision 08/06/2009 Certification of Conformance Initial Decision on Certification made on 08/03/2009
MicroVote	EMS Ver. 4.0B (Modification)	2005 VVSG	Wyle	06/23/2009	Final Modification 09/08/2009	Final Rev. C 06/21/2010	Certified Voting System Final Decision 08/17/2010 Certification of Conformance Initial Decision on Certification made on 08/12/2010
MicroVote	EMS Ver. 4.0	2005 VVSG	iBeta	07/17/2007	Final Ver. 3.0 updated version 4.0 submitted with Test Report V.4.0 12/19/2008	Final Ver. 5.0 03/02/2009	Certified Voting System Final Decision 02/06/2009 Certification of Conformance Initial Decision on Certification made on 12/31/2008
Unisyn	OpenElect 1.1 (Modification)	2005 VVSG	Wyle	07/18/2011	Final Rev. A 11/17/2011	Final Rev. A 03/16/2012	Certified Voting System Final Decision 04/09/2012 Certification of Conformance Initial Decision on Certification made on 04/04/2012
Unisyn	OpenElect 1.0.1 (Modification)	2005 VVSG	Wyle	03/24/2011	Final Rev. A 04/15/2011	Final Rev. A 06/21/2011	Certified Voting System Final Decision 07/21/2011 Certification of Conformance Initial Decision on Certification made on 06/28/2011
Unisyn	OpenElect 1.0	2005 VVSG	Wyle	06/03/2008	Final Rev. B 07/23/2009	Final Rev. B 01/14/2010	Certified Voting System Final Decision 01/13/2010 Certification of Conformance Initial Decision on Certification made on 01/12/2010