



VOTING SYSTEM

TESTING AND CERTIFICATION

PROGRAM E-NEWSLETTER

PROGRAM DIRECTOR'S NOTE

The Testing and Certification Division recently completed actions to fill the final Computer Engineer position left vacant since the departure of Joshua Franklin to NIST. Robert Dyson joined the Certification Division on January 14, 2013. Robert comes to EAC with over 18 years of experience in the information technology industry. As a senior-level tester Robert's experiences include the entire scope of test planning, test case/scenario/script development, execution and reporting. Robert also has significant experience testing for usability and accessibility for compliance with Section 508 of the Rehabilitation Act and verified accessibility requirements using JAWS screen reader and Real Speak English/Spanish Voices for Windows 9.0. Welcome Robert!

February looks to be a huge month for the Certification Division. In addition to our continuing work testing and certifying voting systems, we will be working with NIST staff to review public comments received on VVSG 1.1 and, most importantly, will be co-hosting, with NIST the Future of Voting Systems Symposium on February 26-28 2013. The symposium will explore emerging trends in voting system technology with the election community at large. Discussion topics will include:

- Why some jurisdictions are exploring building their own voting systems
- Trends in voting system technology acquisition and deployment plans
- How election officials, manufactures and academics view the future of voting system technologies
- Alternative standard development processes for voting systems
- Alternative methods for voting system testing and certification at the Federal and State level

The symposium will provide an environment for interactive discussions among the attendees including election officials, voting system manufacturers, voting system test laboratories, standard developers, academics, and Federal, State, and local government officials. The symposium will encourage attendee participation through panel discussions with limited presentations to frame the topics to be explored. The first day of the symposium will explore voting system technology trends seen by election officials, and voting system manufacturers. The second day of the symposium will explore alternative ways for voting system standards development, testing, and certification that support the trends identified on the first day. The final half-day will discuss technologies that can lead to more usable, accessible and secure voting systems, and conclude with an open discussion session with the attendees. We look forward to seeing many of you in person at NIST. Those not able to attend in person will be able to view the proceedings via webcast. More information can be obtained [here](#).

- Brian Hancock

PROGRAM UPDATES

GENERAL INFORMATION

Useful Links

[Voting System Test Laboratory Program Manual](#)
[Voting System Testing & Certification Manual](#)
[Voting System Accredited Test Laboratories](#)
[Frequently Asked Questions \(FAQ\)](#)

[EAC Blog, Twitter](#) and [YouTube](#)
[Quick Start Guides](#)

Subscription Status

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

Requests for Interpretations (RFI)

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

TECHNICAL UPDATES

EAC Roundtable: A Review of Events and Issues of the 2012 Elections Cycle

EAC hosted a January 9 roundtable discussion to review shared best practices for addressing some of the challenges presented during the 2012 election cycle. EAC heard from state and local election officials, poll workers and end users, advocates, leading academics, researchers and observers of the election process. Objective: to identify which aspects of the process may be improved in order to begin developing best practices that can be used in the next election. View the participant list, agenda and discussion questions, and archived webcast [here](#). C-SPAN covers the event [here](#).

Voting System Updates

[Dominion Democracy Suite 4.14](#), EAC received the first Test Plan submission for this test campaign on January 11. EAC finished reviewing the Test Plan and provided comments to Wyle on January 28, 2013.

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

[Election Systems & Software \(ES&S\) EVS 5.0.0.0](#). The system is currently in testing at Wyle Laboratories.

[Hart InterCivic Verity Voting 1.0](#). Hart is working with SLI Global Solutions to prepare for this test campaign. Weekly status calls were set to begin on January 31, but the start date was moved to February 14, 2013 at the request of the manufacturer. More information will be available on our website after status calls begin.

Updated online map of EAC-certified voting systems

EAC's [voting system map](#) locates EAC-certified voting systems and components that are used in federal elections. The updated map allows users to quickly access key information. Also see Voting Systems Map [FAQs](#).

EAC public comment period on proposed Voluntary Voting System Guidelines (VVSG) has closed

The 130-day comment period for VVSG 1.1 ended January 14, 2013. The purpose of the comment period was to provide an opportunity for the public to offer additional input on proposed requirements for Version 1.1. All comments received will be reviewed and published on EAC's website, and the final VVSG 1.1 draft document will be prepared for a Commission vote at such time as the EAC once again has a quorum of Commissioners. [Read more...](#)

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](#).

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 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 4.14 (Modification)	2005 VVSG	Wyle	05/18/2012	Draft Test Plan 01/10/2013	n/a	Currently under testing
Hart	Verity 1.0	2005 VVSG	SLI Global	12/17/2012	n/a	n/a	Currently under testing
ES&S	EVS 5.0.0.0	2005 VVSG	Wyle	11/30/2011	Approved Rev. D 10/17/2012	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 (Premier)	Assure 1.3 (Modification)	2002 VSS	SLI Global	11/14/2011	Final Rev. I.6 04/27/2012	Final Rev. I.3 05/18/2012	Certified Voting System Final Decision 06/29/2012 Certification of Conformance Initial Decision on Certification made on 05/25/2012
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
ES&S	Unity 3.4.0.0 (Modification)	2002 VSS	Wyle	07/21/2011	Final Rev. C 06/12/2012	Final Rev. B 10/17/2012	Certified Voting System Final Decision 10/31/2012 Certification of Conformance Initial Decision on Certification made on 10/25/2012
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	Final Rev. B 02/18/2011	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)	2002 VSS	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/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 08/10/2009	Final Rev. B 01/14/2010	Certified Voting System Final Decision 01/12/2010 Certification of Conformance Initial Decision on Certification made on 01/11/2010