VOTING SYSTEM

# TESTING and CERTIFICATION

PROGRAM E-NEWSLETTER

## PROGRAM DIRECTOR'S NOTE

The EAC's recent Blog Post dated March 27, 2012, highlighted some of the new and innovative work being done by the Ohio Secretary of State's Office. These highlights include the development of Ohio's Military Ready to Vote (MRV) brochure, their new Precinct Election Official newsletter and their virtual "I voted" sticker that voters can post to their Facebook wall.

We hope that this focus on the Ohio Secretary of State's Office will serve as an invitation (and a little motivation) for other State AND local election jurisdictions to forward us information on new and innovative ways that they are serving voters as we get ready for the Presidential election in November. Part of the EAC's mandate under the Help America Vote Act (HAVA) is to serve as a national clearinghouse and resource for the compilation of information and review of procedures with respect to the administration of Federal elections. The way we see it, the very best way we can do that is by serving as a conduit for election officials at both the State and local levels to share information provided by you, the experts, related to your implementation of new and innovative programs and pilot projects to better serve your voters.

Let's hear from you!  Send your information to Jessica Myers at jmyers@eac.gov or via Twitter (@EACgov).  We look forward to turning the spotlight on as many States and local jurisdictions as possible before November.

*- Brian Hancock*

## PROGRAM UPDATES

### GENERAL INFORMATION

**Vacancy Annoucement - CLOSING SOON**
The EAC is seeking a Computer Engineer to provide expert services for the agency's Voting System Testing and Certification Program. Background: The Help America Vote Act (HAVA) requires the U.S. Election Assistance Commission (EAC) to provide for the testing, certification, decertification, and recertification of voting system hardware and software by accredited test laboratories. View Vacancy.

**EAC Election Calendar**
Every Monday the EAC posts an Election Update blog about upcoming elections and election deadlines. The information for these blogs comes from Secretary of State Websites, Twitter and discussions with election officials. One of the resources the EAC created to keep track of all of this

information is an Election calendar. This calendar tracks election dates, absentee ballot deadlines, voter registration deadlines and early voting times.  EAC is delighted to share it with you today! Read more.

**Useful Links**
Voting System Test Laboratory Program Manual
Voting System Testing & Certification Manual
Frequently Asked Questions (FAQ)
EAC Blog, Twitter and YouTube
EAC map

**Subscription Status**
Email rsargent@eac.gov to change your subscription status.

### TECHNICAL UPDATES

**Certification work continues at EAC**
EAC received several inquiries regarding its ability to certify voting systems without a quorum. The Commission voted on the adoption of the Voting System Certification and Testing Manual, which delegates the tasks of testing, certifying and decertifying voting equipment to specific EAC staff. Read more.

**Conformity Assessment Testing**
Read this article to find out more about how EAC conducts conformity assessment testing for voting systems, a process EAC calls the Voting System Testing and Certification Program.

## TECHNICAL UPDATES

### Meetings

EAC hosted a March 20 roundtable discussion on our role as a national clearinghouse and resource for election officials around the country as they prepare for the 2012 federal elections and beyond. The roundtable provided a national platform for participants to share ideas and strategies for improving the administration of elections in the U.S. See the participant list, agenda, questions, and webcast for details.

### 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.

### IEEE Voting Systems Electronic Data Interchange Project 1622

The IEEE finalizes 1622 -2011 Standard  for Electronic Distribution of Blank Ballots for Voting Systems.  The standard was developed to satisfy needs of the Uniformed and Overseas Citizens Absentee Voting Act (UOCAVA) and Military and Overseas Voter Empowerment (MOVE) Act. This standard defines common data formats to allow export for blank ballots from voting systems. You can access one free copy of IEEE Standard 1622-2011 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 advisory alerts include recommended procedures, possible root causes and contact information for those jurisdictions with additional questions. View the most recent system advisory submitted by Dominion Voting and all other System Advisory Notices issued by the EAC.

Election Officials may now use the new Voting System Anomaly Reporting Web Form to report voting system anomalies to the EAC.

### Voting System Updates

EAC has approved the final test plan for the ES&S Unity 3.2.0.0 Rev. 3 Modification. This modification is in reponse to the Notice of Non-Compliance the EAC issued to Election Systems & Software (ES&S) regarding the DS200 Precinct Count Optical Scanner in the EAC-certified Unity 3.2.0.0 voting system. Read more.

EAC has approved the final test report for the Unisyn OpenElect Ver. 1.1 Modification.

Precise AEVS Ver. 1.0 has terminated.

Dominion Voting Systems requested the termination of the testing application for Democracy Suite 1.0.0 voting system.

### 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 | n/a | Currently under testing |
| Dominion | Democracy Suite 4.0 | 2005 VVSG | Wyle | 04/19/2010 | Approved Rev. D 12/06/2011 | Draft Test Report 03/23/2012 | Currently under testing Certification Testing Timeline |
| Dominion | Premier Assure 1.3 (Modification) | 2005 VVSG | SLI Global | 11/14/2011 | Approved Ver. 1.4 01/24/2012 | Draft Rev. 1.1 03/02/2012 | Currently under testing |
| ES&S | Unity 3.4.0.0 (Modification) | 2005 VVSG | Wyle | 07/21/2011 | Draft Test Plan 12/05/2011 | n/a | Currently under testing |
| ES&S | EVS 5.0.0.0 | 2005 VVSG | Wyle | 11/30/2011 | Draft Test Plan 03/22/2012 | n/a | Currently under testing |
| ES&S | Unity 3.2.0.0 Rev. 3 (Modification) | 2005 VVSG | Wyle | 01/20/2012 | Approved Rev B 03/27/2012 | n/a | Currently under testing |
| Unisyn | OpenElect v. 1.1 (Modification) | 2005 VVSG | Wyle | 07/18/2011 | Approved Rev. A 11/17/2011 | Final Test Report 03/16/2012 | 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 |
|---|---|---|---|---|---|---|---|
| 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 |
| 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. 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 |
| 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 |

## TECHNICAL UPDATES CONT...

### 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.

RFI 2012-01 EAC Decision on Ballot Handling

### 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.

NOC 2012-01 Clarification of COTS Product Equivalency for De Minimis Change