



VOTING SYSTEM

# TESTING AND CERTIFICATION

PROGRAM E-NEWSLETTER

## PROGRAM DIRECTOR'S NOTE

In this age of ever tightening Federal, State and local budgets, perhaps no issue looms larger for election officials than that of finding new and innovative ways to sustain their current voting system technology, while at the same time trying to make plans for that inevitable day when that system reaches the end of its useful life and must be replaced. The EAC realizes the importance of this issue and convened a Roundtable Discussion on this topic on May 5, 2011.

Some comments from Roundtable participants regarding voting system sustainability/lifecycle management:

- Adequate Tech support is important to extending the life of the system.
- Testing can be optimized to address both federal & state requirements.
- Total ownership cost is a more appropriate perception.
- Leasing of equipment may be an option.
- Lowering the cost of testing to states will permit states to economize changes.
- Must be a joint effort of Federal/State/local officials.
- Invest time & effort into the development of fair & comprehensive contracts.
- We need to be less reliant on vendors.
- The problem for 2012 is a people problem; cut back in personnel is the most serious challenge.
- Preventative maintenance should be a top priority.
- The effort needed to develop a plan for replacement of the current systems will be considerable. Could take longer than 5 years.
- Need to develop a funding formula to sustain our voting systems.
- 2012 may not be an issue for aging voting systems... but 2016 will.

The EAC and the Certification Division will continue to explore issues relating to voting system sustainability and welcome any ideas you may want to share with us on this important topic.

- Brian Hancock

## PROGRAM UPDATES

### GENERAL INFORMATION

#### News & Update Center

Visit the [EAC's News Center](#) for the latest information about the Commission and all of its programs and activities.

EAC is now on [Twitter!](#) View program update tweets [here](#).

EAC Launches [New Blog!](#) The blog is dedicated to sharing useful, innovative and practical information about voting and elections.

Visit [YouTube](#) for an overview video of EAC's Testing and Certification Program.

#### Election Resource Library

Make sure to visit the Election Resource Library for the latest [test plans](#), [test reports](#), and [reports of state voting systems](#).

#### Voting Systems Map (UPDATED)

The map indicators have been removed for Premier Assure 1.2 in Iowa and Florida. See [Dominion's letter to EAC](#) for details. [EAC map](#) shows where federally certified voting systems are used.

#### Useful Links

[Voting System Test Laboratory Program Manual](#)

[Voting System Testing & Certification Manual](#)

[Testing & Certification Correspondence](#)

#### Subscription Status

Email [rsargent@eac.gov](mailto:rsargent@eac.gov) to change your subscription status

### TECHNICAL UPDATES

#### Web Forms for Manufacturers

EAC has launched new web forms which are now available for use: [Manufacturer Registration](#) and [Application for System Testing](#). Please use these forms when registering or applying.

### TECHNICAL UPDATES

#### 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. View the reports and studies [here](#).

#### Requests for Interpretations (RFI)

To view all of the RFIs published by the EAC, please visit [Request for Interpretations](#) on 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.

NOC 2011-01 -- [Clarification of De Minimis Change Determination Requirements Related to Data \(NEW\)](#)

#### Voting System Test Laboratory Program Manual

EAC is soliciting comments on version 1.0 of the EAC Voting System Test Laboratory Program Manual. The comment period ends Sept 6, 2011. [View instructions for submitting comments here](#).

#### TGDC work on Voting Systems Guidelines

The Technical Guidelines Development Committee (TGDC) assists EAC in developing the [Voluntary Voting System Guidelines](#). View TGDC's [four new work products](#).

#### Meetings

EAC hosted a May 5 roundtable discussion on preparations of the 2012 election and the life cycle of voting machines. Also, on Feb 14-15 EAC hosted a Commercial-Off-The-Shelf (COTS) roundtable discussion about the impact COTS products have on voting systems. For details on both meetings see the [participant list, questions, and webcast](#).

TECHNICAL UPDATES

**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. See the [System Advisory Notices](#) that EAC has issued.

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

EAC Initiates [Formal Investigation Into ES&S Unity 3.2.0.0 Voting System](#). See the [Formal Investigation Anomaly Status chart](#) that depicts the status of four anomalies.

Read a [statement](#) from EAC Executive Director Tom Wilkey reminding officials to review workarounds for [EAC Certified Voting Systems](#).

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	Draft <a href="#">Ver. 1.0</a> 06/24/2011	n/a	Currently under testing
Dominion	Democracy Suite 4.0	2005 VVSG	Wyle	04/19/2010	Draft <a href="#">Test Plan</a> 04/19/11	n/a	Currently under testing <a href="#">Certification Testing Timeline</a>
ES&S	Unity 5.0.0.0	2005 VVSG	Wyle	02/18/2010	Approved <a href="#">Rev. D</a> 06/06/11	n/a	Currently under testing <a href="#">Certification Testing Timeline</a>
ES&S	Unity 3.2.0.0 Rev. 2 (Modification)	2005 VVSG	Wyle	04/15/11	Approved <a href="#">Rev. A</a> 05/10/2011	Draft <a href="#">Rev. A</a> 05/31/2011	Currently under testing
ES&S	Unity 3.3.0.0 (Modification)	2005 VVSG	Wyle	05/18/11	n/a	n/a	n/a
Precise	AEVS Ver. 1.0	2005 VVSG	Wyle	05/20/2011	n/a	n/a	n/a
Unisyn	OpenElect v.1.0.1 (Modification)	2005 VVSG	Wyle	03/24/2011	Approved <a href="#">Rev. A</a> 04/15/2011	Approved <a href="#">Rev. A</a> 06/21/2011	<a href="#">Initial Decision on Certification</a> made on 06/28/2011
Unisyn	OpenElect v.1.1	2005 VVSG	Wyle	07/18/2011	n/a	n/a	n/a
VOTING SYSTEM 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. 4.0	2005 VVSG	iBeta	07/17/2007	Final <a href="#">Ver. 3.0</a> updated version 4.0 submitted with Test Report V.4.0 12/19/2008	Final <a href="#">Ver. 5.0</a> 03/02/2009	<b>Certified Voting System</b> Final Decision 02/06/2009 <a href="#">Certificate of Conformance</a> Initial Decision on Certification
ES&S	Unity 3.2.1.0 Previously Unity 3.0.1.0 & Unity 3.0.1.1 w. ATS 1.3	2002 VSS	Wyle	06/12/2007 <b>REVISED</b> 08/17/2009	Approved <a href="#">Rev. B</a> 02/28/2011	Final <a href="#">Rev. A</a> 03/10/2011	<b>Certified Voting System</b> Final Decision 03/29/2011 <a href="#">Certificate of Conformance</a> 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 <a href="#">Ver. 4.0</a> 09/23/2010	Final Ver. 4.0 10/12/2010	<b>Certified Voting System</b> Final Decision 08/24/2010 <a href="#">Certificate of Conformance</a> Initial Decision on Certification made on 07/22/2010
ES&S	Unity 3.2.0.0	2002 VSS	iBeta	03/19/2007	Final <a href="#">Ver. 2.0</a> (iBeta) 04/03/2009	Final <a href="#">Ver. 4.0</a> 07/22/2009	<b>Certified Voting System</b> Final Decision 07/21/2009 <a href="#">Certificate of Conformance</a> Initial Decision on Certification made on 07/20/2009
ES&S/Dominion (Premier)	Assure 1.2	2002 VSS	iBeta	04/05/2007	Final <a href="#">Ver. 2.0</a> (iBeta) 04/06/2009	Final <a href="#">Ver. 3.0</a> 08/06/2009	<b>Certified Voting System</b> Final Decision 08/06/2009 <a href="#">Certificate of Conformance</a> Initial Decision on Certification made on 08/03/2009
Unisyn	OpenElect 1.0	2005 VVSG	Wyle	06/03/2008	Final <a href="#">Rev. B</a> 07/23/2009	Final <a href="#">Rev. B</a> 01/14/2010	<b>Certified Voting System</b> Final Decision 01/13/2010 <a href="#">Certificate of Conformance</a> Initial Decision on Certification made on 01/12/2010
MicroVote	EMS Ver. 4.0B (Modification)	2005 VVSG	Wyle	6/23/2009	Final <a href="#">Modification</a> 09/08/2009	Final <a href="#">Rev. C</a> 06/21/2010	<b>Certified Voting System</b> Final Decision 08/17/2010 <a href="#">Certificate of Conformance</a> Initial Decision on Certification