

**Minutes**  
**State Election Commission Meeting**  
**January 14, 2019**

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The State Election Commission meeting was called to order by Chairman Judy Blackburn at 12:15 p.m., Central Standard Time, January 14, 2019. The following members and staff were present: Commissioners Barrett, Duckett, McDonald, Wallace, Wheeler and Younce; Coordinator of Elections Mark Goins, Steve Griffy, AES System Administrator and Kathy Summers, Elections Specialist.

Commissioner Barrett made a motion to adopt the minutes from July 9, 2018, as amended, Commissioner Duckett seconded the motion and the minutes were unanimously approved as amended. (Aye votes: Barrett, Blackburn, Duckett, McDonald, Wallace, Wheeler and Younce; No votes: None; Abstention: None.)

Commissioner Wallace made a motion to adopt the minutes from October 8, 2018, Commissioner Younce seconded the motion and the minutes were unanimously approved. (Aye votes: Barrett, Blackburn, Duckett, McDonald, Wallace, Wheeler and Younce; No votes: None; Abstention: None.)

Commissioner Duckett made a motion pursuant to T.C.A. § § 2-12-101 and 2-12-106, seconded by Commissioner Barrett and unanimously approved any nomination(s) for county election commission appointments as submitted, and to leave the nomination process open until 4:30 p.m. Central Standard Time Monday, January 14, 2019. (Aye votes: Barrett, Blackburn, Duckett, McDonald, Wallace, Wheeler and Younce; No votes: None; Abstention: None.) **(No county election commission appointments were made.)**

**Old Business**

- **Unisyn – OpenElect 2.0 and OpenElect 2.0.A – Request for Certification. (Touch Screen Ballot Marking Device) Request for approval.**

Barry Herron, of Unisyn, spoke on behalf of Unisyn and requested approval of OpenElect 2.0 and 2.0.A. OpenElect 2.0 was demonstrated before the State Election Commission on October 9, 2017, and viewed in an election on November 6, 2018, in Jefferson County, Missouri. OpenElect 2.0.A was demonstrated before the State Election Commission on July 9, 2018, and letters of recommendation were provided to the State Election Commission.

Commissioner Donna Barrett, Commissioner Greg Duckett and Mary Beth Thomas, General Counsel for the Secretary of State, viewed OpenElect 2.0 on November 6, 2018, in Jefferson County, Missouri.

Both Commissioner Barrett and Commissioner Duckett spoke regarding the viewing of the OpenElect 2.0 voting, on November 6, 2018, in Hillsboro, MO (Jefferson County, MO).

Commissioner Wheeler made a motion to certify OpenElect 2.0, seconded by Commissioner Duckett, all members voted in favor of approving the OpenElect 2.0 voting system for use in Tennessee. (Aye votes: Barrett, Blackburn, Duckett, McDonald, Wallace, Wheeler and Younce; No votes: None; Abstention: None.)

Commissioner Wheeler made a motion to certify Open Elect 2.0.A, Commissioner Wallace seconded the motion. The commission unanimously voted to approve the OpenElect 2.0.A voting system for use in Tennessee. (Aye votes: Barrett, Blackburn, Duckett, McDonald, Wallace, Wheeler and Younce; No votes: None; Abstention: None.)

- **Code of Conduct for County Election Commissioners and Administrators of Elections**

Coordinator Goins went over the revised draft of Code of Conduct, which had been advocated by the State Election Commission after recent show cause hearings. (See attached Code of Conduct draft.)

State Election Commission members discussed the revised draft of Code of Conduct. Several changes were discussed. Election staff will send another revision to each member for further suggestions.

- **Everyone Counts / Votem – Request for Statewide Certification**

Cheryl Clarke spoke before the commission and advised Everyone Counts was acquired by Votem. Ms. Clarke introduced Pete Martin; CEO of Votem, who was connected by phone. Mr. Martin gave a brief overview of Votem and the acquisition of Everyone Counts. Ms. Clarke gave an update of their voting software system in Shelby County. Ms. Clarke stated the project went live on September 12, 2018, and advised they are on target for implementing phase two (2), in Shelby County. Ms. Clark advised Linda Phillips, Administrator of Elections for Shelby County, was available to discuss the implementation of Votem's software system in her county. Ms. Clarke requested the State Election Commission to certify Votem for use statewide.

Chairman Blackburn requested Steve Griffy, AES System Administrator, to give his review of the voter software system, in Shelby County. Mr. Griffy discussed various issues with the implementation, and stated all of the issues with the implementation have not been fully worked out. Mr. Griffy has concerns that Votem's software is not fully interfacing with the state AES System.

Commissioner McDonald made a motion to delay certification statewide, Commissioner Younce seconded the motion and the motion to delay was

unanimously approved. (Aye votes: Barrett, Blackburn, Duckett, McDonald, Wallace, Wheeler and Younce; No votes: None; Abstention: None.)

### **New Business**

- **ES&S – EVS 5.2.4.0 – Request for certification**

Ben Swartz, State Certification Manager for ES&S, spoke on behalf of ES&S. Mr. Swartz introduced Steve Pearson, Sr. Vice President of Certification for ES&S. Mr. Swartz gave a brief presentation of the enhancements and upgrades to EVS 5.2.4.0 voting system. Mr. Swartz provided letters of recommendation from four (4) jurisdictions outside of Tennessee. Mr. Pearson advised commission members EVS 5.2.4.0 meets all of the EACs current security requirements. Mr. Swartz requested approval of ES&S-EVS 5.2.4.0.

A motion was made by Commissioner Barrett and seconded by Commissioner McDonald to certify ES&S-EVS 5.2.4.0, all members voted in favor of approving the voting system for use in Tennessee. (Aye votes: Barrett, Blackburn, Duckett, McDonald, Wallace, Wheeler and Younce; No votes: None; Abstention: None.)

### **Coordinator Update**

- **Federal Court Case** - Coordinator Goins advised commission members of a recent Federal Court case, in Washington County, where the Eastern District Court of Tennessee, determined county election commission employees are employees of the State of Tennessee, and that the State was liable for any illegal employment actions on part of the county election commission. The Attorney General's Office is researching this case and plans on asking for a rehearing in Federal Court.
- **Vendor Fair** – Coordinator Goins spoke about the voting machine Vendor Fair held on January 9, 2019. All voting machine vendors participated. The vendor fair was well attended by General Assembly members, Administrators of Elections, County Election Commissioners, County Voting Machine Technicians and several State Election Commission members.
- **Voting Machine State Funding Policy** – Coordinator Goins discussed the state policy for counties to receive State available funds for voting machines. Coordinator Goins will provide commission members with a copy of this funding policy and the status of each county who may receive these funds. Coordinator Goins stated Four Million Dollars (\$4,000,000.00), in HAVA Security Grant funds will also be available for counties to purchase approved voting machines.
- **General Assembly Joint Convention** – Coordinator Goins discussed State Election Commission appointment status. Each party will need to caucus and make their nominations; a joint convention will need to be called to

make the appointments. Commission members may attend the Joint Convention and those attending may be sworn in at that time.

Chairman Blackburn recognized Mark Ward; Administrator of Elections for Benton County and Leigh Schlager; Administrator of Elections for Obion County who were in attendance. Mark Ward requested to speak before the State Election Commission. Chairman Blackburn recognized Mr. Ward.

Administrator Ward thanked the commission for the opportunity to speak before the commission. Mr. Ward stated he came to speak to the commission about provisional vote counting, but wanted to speak about the State Election Commission's Code of Conduct Policy. Mark Ward stated he was not aware of this policy and he would not be in favor of the policy

Mr. Ward discussed with the State Election Commission he has a problem with the way provisional voters are counted in Tennessee. Mr. Ward believes the state policy has changed recently and is in violation of Federal law. Mr. Ward is concerned provisional voters are registering and voting on Election Day, and that this is in violation of the State Constitution. Mr. Ward stated he advised his provisional counting board not to count voters who had attempted to register to vote and vote on Election Day.

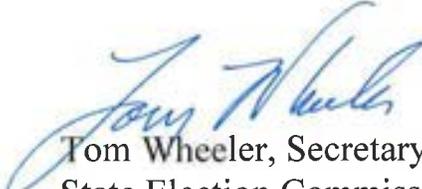
Coordinator Goins addressed Mr. Ward's concerns and stated the policy for counting provisional voters has not changed. The policy has been the same policy in place since the provisional ballot process was enacted in law. When a voter is verified to have attempted to register to vote before the voter registration deadline, at one of the mandated agencies during the period researched, the voter is allowed to complete a voter application and cast a provisional ballot. Provided the voter is eligible to register to vote, and is a qualified voter of the county, the provisional counting board should count the voters provisional ballot.

The next scheduled meeting, to make County Election Commission appointments, will be April 1, 2019, and will be held in the William R. Snodgrass – Tennessee Tower, Nashville Room - 3<sup>rd</sup> floor at 12:00 Noon, Central Standard Time.

The next regularly scheduled meeting is set for April 8, 2019, and will be held in the William R. Snodgrass – Tennessee Tower, Nashville Room - 3<sup>rd</sup> floor at 12:00 Noon, Central Standard Time.

The meeting was adjourned at 1:20 p.m. Central Standard Time.

Respectfully submitted,



Tom Wheeler, Secretary  
State Election Commission

# Vacant Status

14-Jan-19

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## Loudon

D Tom Wheeler  
R Judy Blackburn

R

**Total Vacancies: 1**

# **Unisyn**

**Open Elect 2.0 - UNS10129166-2.0**

**Open Elect 2.0.A – UNS10121966-2.0 A**

**Request for Approval**

**January 14, 2019**

**Open Elect 2.0 - UNS10129166-2.0 - Voting system was demonstrated before State Election Commission on October 9, 2017.**

**Commissioner Donna Barrett, Commissioner Greg Duckett and Mary Beth Thomas, General Counsel for the Secretary of State, viewed the Open Elect 2.0 - UNS10129166-2.0 voting system on November 6, 2018, in Jefferson County, MO.**

**Open Elect 2.0.A – UNS10121966-2.A - Voting system was demonstrated before State Election Commission on July 9, 2018.**

## **Presenters:**

- **Dustin Vanderburg Henry M. Adkins and Son, Inc.**
- **Barry Herron, Unisyn**
- **Brent Wagoner, Henry M. Adkins and Son, Inc.**
- **Mark Carter, Henry M. Adkins and Son, Inc.**

## **EAC – Certification Number**

**Open Elect 2.0 – UNS10121966-2.0**

**Open Elect 2.0.A – UNS10121966-2.0.A**

COPY

Tennessee Secretary of State  
Tre Hargett



Elections Division  
312 Rosa L. Parks Avenue, 7<sup>th</sup> Floor  
Nashville, Tennessee 37243-1102

Mark Goins  
Coordinator of Elections

615-741-7956  
Mark.Goins@tn.gov

January 25, 2019

Chris Ortiz, Certification Manager  
Unisyn Voting Solutions  
2310 Cousteau Court  
Vista, CA 92081

Dear Mr. Ortiz:

This letter is to inform you of the certification of the Unisyn OpenElect 2.0 by the State Election Commission on January 14, 2019. Listed below is the certification of the machine bearing EAC Certification Number:

- OpenElect 2.0 – UNS10121966-2.0

This voting machine was viewed in Jefferson County, Missouri on November 6, 2018. The OpenElect 2.0 was demonstrated before the State Election Commission on October 9, 2017.

As you know, the State Election Commission requires the use of ballot tote bins to be used with optical scanners and Tennessee law requires the use of ballots with serially-numbered stubs.

Thank you for your cooperation in the certification process.

Sincerely,

A handwritten signature in blue ink that reads "Mark Goins".

Mark Goins  
Coordinator of Elections

Attachment: EAC Certification – UNS10121966-2.0

COPY

Tennessee Secretary of State  
Tre Hargett



Elections Division  
312 Rosa L. Parks Avenue, 7<sup>th</sup> Floor  
Nashville, Tennessee 37243-1102

Mark Goins  
Coordinator of Elections

615-741-7956  
Mark.Goins@tn.gov

January 25, 2019

Chris Ortiz, Certification Manager  
Unisyn Voting Solutions  
2310 Cousteau Court  
Vista, CA 92081

Dear Mr. Ortiz:

This letter is to inform you of the certification of the Unisyn OpenElect 2.0.A by the State Election Commission on January 14, 2019. Listed below is the certification of the machine bearing EAC Certification Number:

- OpenElect 2.0.A – UNS10121966-2.0.A

Your voting machine was made available before the SEC for demonstration on July 9, 2018, and questionnaires completed by counties currently using the OpenElect 2.0.A were received and reviewed by the commission.

As you know, the State Election Commission requires the use of ballot tote bins to be used with optical scanners and Tennessee law requires the use of ballots with serially-numbered stubs.

Thank you for your cooperation in the certification process.

Sincerely,

A handwritten signature in blue ink that reads "Mark Goins".

Mark Goins  
Coordinator of Elections

Attachment: EAC Certification – UNS10121966-2.0.A

# PROCEDURES FOR CERTIFYING VOTING MACHINES BY THE TENNESSEE STATE ELECTION COMMISSION

All voting machines/vendors must receive certification from the state election commission and the coordinator of elections before any voting machines or systems may be sold in the State of Tennessee.

## **First Step:**

Any interested vendor should submit a written request to the coordinator of elections and the state election commission requesting certification of your company together with the EAC certification number, a financial report and a list of all states that have already bought your voting machines or systems. If you would like to demonstrate your product at a meeting of the state election commission, please make that request in your letter. You will be notified of the date, time, and place of the meeting where you may make your presentation.

## **Second Step:**

### **A. Voting Machine Procedure**

2.0 Following verification of EAC certification and an initial presentation of your product and/or services, you would need to arrange for at least two (2) State Election Commissioners (of opposite parties) and the coordinator of elections (or designee) to view your machines or system in use in an election of a substantial size in another state. An election of a substantial size involves at the minimum the following characteristics:

- The jurisdiction has a population of at least 10,000 persons;
- The jurisdiction has at least two (2) or more district races on the ballots; and
- There are at least two (2) contested races involving both at large and district races on the ballot.

### **B. Voting Machine Software or Hardware Upgrade**

- 2.0A
- EAC Certification;
  - Presentation of upgrade before State Election Commission at a meeting; and
  - Viewing of upgrade in another state (In lieu of viewing machine in another state, at the discretion of the State Election Commission, letters of recommendation from users in other jurisdiction may be used as support for approval.)

### **C. De Minimis Voting System Changes**

- Any De Minimis change to an EAC certified voting system shall be submitted to the state election commission and coordinator of elections to be approved. For purposes of approval of the de minimis change to the voting system, all that will be required is a letter from the EAC stating the change is de minimis, unless further information is requested by the state election commission or coordinator of elections.

## **Third Step:**

The State Election Commission must vote to certify the machine in order for the machines to be used in an election in Tennessee.

You may send any correspondence for both the state election commission and the coordinator of elections to the following address:

312 Rosa L.Parks Avenue, 7<sup>th</sup> Floor  
William R. Snodgrass Tower  
Nashville, Tennessee 37243  
(615) 741-7956

If you have any further questions regarding certification of your company, please feel free to contact the office of the state election coordinator at the phone number listed above.



**United States Election Assistance Commission**

**Certificate of Conformance**

**Unisyn OpenElect 2.0**



The voting system identified on this certificate has been evaluated at an accredited voting system testing laboratory for conformance to the 2005 *Voluntary Voting System Guidelines (2005 VVSG)* . Components evaluated for this certification are detailed in the attached Scope of Certification document. This certificate applies only to the specific version and release of the product in its evaluated configuration. The evaluation has been verified by the EAC in accordance with the provisions of the *EAC Voting System Testing and Certification Program Manual* and the conclusions of the testing laboratory in the test report are consistent with the evidence adduced. This certificate is not an endorsement of the product by any agency of the U.S. Government and no warranty of the product is either expressed or implied.

**Product Name:** OpenElect

**Model or Version:** Version 2.0

**Name of VSTL:** Pro V&V

**EAC Certification Number:** UNS10121966-2.0

**Date Issued:** 10/17/2017

*Executive Director*  
*U.S. Election Assistance Commission*

**Scope of Certification Attached**



**U. S. Election Assistance Commission  
Voting System Testing and Certification Program  
1335 East West Highway, Suite 4300  
Silver Spring, MD 20910**

October 17, 2017

Chris Ortiz  
Unisyn Voting Solutions  
2310 Cousteau Court  
San Diego, CA 92081

**Sent via e-mail**

**Re: Agency Decision- Grant of Certification**

Dear Chris Ortiz,

As required under §5.9 of the EAC's Voting System Testing and Certification Program Manual, Unisyn Voting Solutions and Pro V&V have provided the necessary documentation for the OpenElect 2.0 voting system verifying that 1) the trusted build has been performed, 2) software has been deposited in an approved repository, 3) system identification tools are available to election officials, and 4) signed a letter stating, under penalty of law, that you have:

1. Performed a trusted build consistent with the requirements of §5.6 of the EAC's Certification Manual;
2. Deposited software consistent with §5.7 of the EAC's Certification Manual;
3. Created and made available system identification tools consistent with §5.8 of the EAC's Certification Manual (a copy and description of the system identification tool developed must be provided with the letter); and
4. Upon a final decision to grant certification, the manufacturer accepts the certification and all conditions placed on the certification.

Based on the review of the documentation above and the fact that Unisyn Voting Solutions OpenElect 2.0 voting system successfully completed conformance testing to the 2005 Voluntary Voting System Guidelines (2005 VVSG), the Voting System Testing & Certification Program Director has recommended EAC certification of this system.

I have reviewed all of the documentation and concur with the Program Director's recommendation. As such, I hereby grant EAC Certification to Unisyn Voting Solutions OpenElect 2.0 voting system to the 2005 Voluntary Voting System Guidelines.

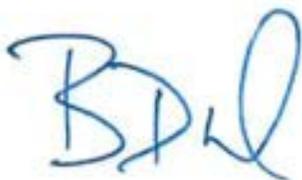
The EAC certification number issued for this system is: **UNS10121966-2.0**. In addition, a Certificate of Conformance shall be provided to Unisyn Voting Solutions as evidence of the

EAC certification of the OpenElect 2.0 voting system. The Certificate of Conformance shall be provided to Unisyn Voting Solutions no later than five business days from the date of this letter, and it shall be posted on the EAC's Web site.

As stated in §5.11 of the EAC's Certification Manual, the EAC certification and certificate apply only to the specific voting system configuration(s) identified, submitted, and evaluated under the Certification Program. Any modification to the system not authorized by the EAC shall void the certificate.

If you have any questions or need further information, please do not hesitate to contact Brian Hancock at your earliest convenience. I thank you in advance for your time and attention to this matter and congratulate on this achievement.

Sincerely,

A handwritten signature in blue ink, appearing to read "BDN", is positioned below the "Sincerely," text.

Brian D. Newby  
Executive Director  
Decision Authority

Cc: Michael Walker, Pro V&V, Wendy Owens, Pro V&V

**Manufacturer:** Unisyn Voting Solutions, Inc.  
**System Name:** OpenElect Voting System 2.0  
**Certificate:** UNS10121966-2.0

**Laboratory:** Pro V&V  
**Standard:** VVSG 1.0 (2005)  
**Date:** 10/17/2017



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## Scope of Certification

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This document describes the scope of the validation and certification of the system defined above. Any use, configuration changes, revision changes, additions or subtractions from the described system are not included in this evaluation.

### Significance of EAC Certification

An EAC certification is an official recognition that a voting system (in a specific configuration or configurations) has been tested to and has met an identified set of Federal voting system standards. An EAC certification is **not**:

- An endorsement of a Manufacturer, voting system, or any of the system's components.
- A Federal warranty of the voting system or any of its components.
- A determination that a voting system, when fielded, will be operated in a manner that meets all HAVA requirements.
- A substitute for State or local certification and testing.
- A determination that the system is ready for use in an election.
- A determination that any particular component of a certified system is itself certified for use outside the certified configuration.

### Representation of EAC Certification

Manufacturers may not represent or imply that a voting system is certified unless it has received a Certificate of Conformance for that system. Statements regarding EAC certification in brochures, on Web sites, on displays, and in advertising/sales literature must be made solely in reference to specific systems. Any action by a Manufacturer to suggest EAC endorsement of its product or organization is strictly prohibited and may result in a Manufacturer's suspension or other action pursuant to Federal civil and criminal law.

### System Overview:

The Unisyn OpenElect Voting System 2.0, herein referred to as OVS 2.0, is a new system based on the earlier certified OVS releases. The OVS 2.0 Voting System is a paper-ballot based optical scan voting system consisting of five major components:

1. OpenElect Central Suite (OCS)
2. OpenElect Voting Optical (OVO)
3. OpenElect Voting Interface ( OVI-VC)
4. OpenElect Voting Central Scan (OVCS)
5. Freedom Vote Tablet (FVT)

The Unisyn OVS 2.0 voting system Technical Data Package (TDP) was the source for much of the information in this document.

## Pre-Voting - Election Center/Central Count

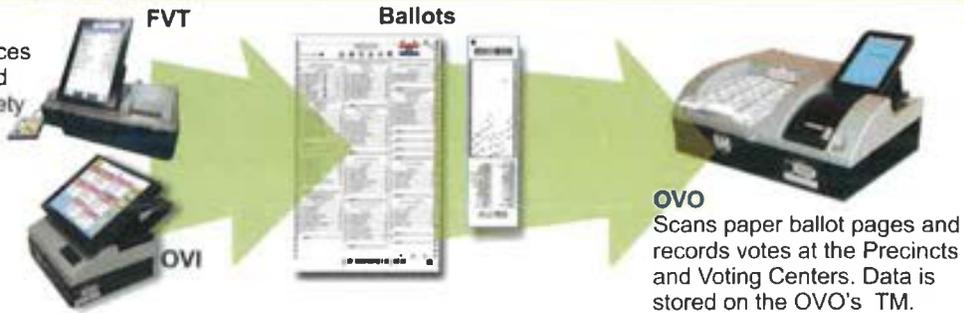
TDP0201



## Voting - Poll Locations

**OVI and FVT** are ballot marking devices that produce printed ballots using a variety of **Input Devices**:

- Touchscreen
- Keypad
- Sip and Puff



## Post-Voting - Election Center/Central Count

**OVO**

**Transport Media (TM)** is removed from the OVO after voting has stopped and returned to Central Count.

**OVCS**

Bulk scanner used for:

- Mail In-Ballots
- Provisional Ballots
- Recounts.

**Tabulator Client**  
Insert Transport Media to store and upload vote files to Central Database.



### **OpenElect Central Suite (OCS)**

The OCS consists of the eight components running as either a front-end/client application or as a back-end/server application: Ballot Layout Manager (BLM), Election Manager (EM), Election Server (ES), Tabulator Client (TC), Tabulator, Adjudicator, Tabulator Reports (TR) and Software Server (SS).

### **OpenElect Voting Optical (OVO)**

The OVO device is a precinct-level optical scan ballot counter (tabulator) designed to perform the following major functions: ballot scanning, tabulation, and second chance voting.

The OVO is a full-page, dual-sided optical scan ballot system which scans and validates voter ballots and provides a summary of all ballots cast. The election is loaded from the OVS Election Server over a secure local network or via a USB thumb drive. On Election Day, an OVO at each polling location scans and validates voters' ballots, and provides precinct tabulation and reporting. The OVO unit is also paired with the OVI for early voting to scan and tabulate early voting ballots. OVO units can also be used at election headquarters to read absentee, provisional, or recount ballots in smaller jurisdictions.

### **OpenElect Voting Interface (OVI)**

The OVI supports both ADA and Early Voting requirements. The OVI enables voters during early voting to cast regional ballots and voters with special needs to prepare their ballots independently and privately on Election Day. The OVI unit features a 15-inch full-color touch-screen display. The OVI will present each contest on the correct ballot to the voter in visual and (optionally) audio formats. The voter with limited vision navigates through the ballot using the audio ballot and the ADA keypad or touchscreen input to make their selections. The voter validates his or her selections by listening to the audio summary, printing the ballot, and inserting it into the OVO.

The OVI facilitates special needs voters through a variety of methods including wheelchair access, sip & puff, zoom-in ballot function, and audio assistance for the visually impaired. The OVI provides for write-in candidates when authorized by the jurisdiction. Voters input candidates' names via the ADA keypad, touchscreen or sip & puff device. Each OVI can support multiple languages for both visual and audio ballots, allowing the voter to choose their preferred language.

### **OpenElect Voting Central Scanner (OVCS)**

The OVCS resides at election headquarters designated to read absentee, provisional, or recount ballots in large jurisdictions, or read the entire election's ballots at a central count location in

smaller jurisdictions. The OVCS also captures write-in data images and produces a write-in image report for manual processing upon request. The OVCS system consists of the following components: OVCS Workstation and Canon DR-X10C Scanner or a Canon M-160II Scanner.

### **Freedom Vote Tablet (FVT)**

The FVT is a tablet ballot marking device that enables voters make their vote selections and to print their voted ballot. It can be used on Election Day or during an early voting period. Like the OVI-VC, the FVT is ADA compliant. It assists voters, with varying levels of ability, through the voting process, ballot review, and printing functions. The FVT presents each contest on the ballot style to the voter in visual and/or audio formats. It facilitates special needs voters through a variety of methods including wheelchair access, sip and puff, zoom-in ballot function and audio assistance for the visually impaired. The voter with limited vision can navigate through the ballot using an audio ballot and the ADA keypad or touchscreen to input their selections. Once the ballot is printed, it is taken to the OVO to be cast. Each FVT can support multiple languages for both visual and audio ballots, allowing the voter to choose their preferred language.

### **Previous OVS Certified Systems:**

Unisyn Voting Solutions OpenElect 1.0  
Certificate ID: UNS10121966-OE

Unisyn Voting Solutions OpenElect 1.0.1  
Certificate ID: UNS10121966-OE-WI

Unisyn Voting Solutions OpenElect 1.1  
Certificate ID: UNS10121966-OE-1.1

Unisyn Voting Solutions OpenElect 1.2  
Certificate ID: UNS10121966-OE-1.2

Unisyn Voting Solutions OpenElect 1.3  
Certificate ID: UNS04211950-1.3

Unisyn Voting Solutions OpenElect 1.3.0.2  
Certificate ID: UNS04211950-1.3.0.2

### **Anomalies and/or Additions addressed in OpenElect 2.0:**

The OVS 2.0 is a new voting system that has not previously been tested in the EAC Program. The previous Unisyn OVS system, release 1.3 was certified by the EAC. The report is available

for viewing on the EAC’s website at [www.eac.gov](http://www.eac.gov) (Reference NTS Report No. TPR030407-01 Rev. B). The OVS 2.0 System contains many of the same components, however, in some instances; these components have been modified for performance enhancement.

Testing determined that the system and components used are not fully compliant to VVSG 1.0, Section 7 and RFI 2012-05. Java utilizes the Java Cryptographic Architecture (JCA) to define an open API for cryptographic functions. This is a provider-based architecture. The Service Provider Interface (SPI) is responsible for the implementing the cryptographic functions outlined in the JCA API. From the build scripts, it was determined that the cryptographic library utilized by Unisyn was BouncyCastle 1.5.4 which currently is not considered to be validated in the NIST CMVP. *The Unisyn 2.0 system shall be modified to bring it into compliance with the requirements of VVSG 1.0, Section 7 and RFI 2012-05. Unisyn has **30 days from the date of Certification** of the OpenElect 2.0 system to submit a modification to make these changes*

### Mark Definition:

The Unisyn Open Elect system will consistently recognize a 1mm wide line across the full length of the target area. Marks must be made with a marking device with sufficiently low reflectance in the visible red band and is of sufficient density/color such that the scanner registers it as black. Most blue, black and green ballpoint pens and markers also meet necessary reflectance requirements and may be used.

### Tested Marking Devices:

- BIC Grip Roller
- EF Felt Tip Pen

### Language capability:

System supports Armenian, Cambodian, Chinese (Cantonese and Mandarin dialects), English, Japanese, Korean, Russian, Spanish, Tagalog, and Vietnamese.

### Components Included:

This section provides information describing the components and revision level of the primary components included in this Certification.

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
OVO	2.0	Rev A, E	Linux CentOS 5.0, 6.3	
OVI-VC	2.0	Rev A, B	Linux CentOS 5.0, 6.3	
OVCS	2.0	ImageFORMULA DR-X10C	Linux CentOS 5.7, 6.5	

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
FVT	2.0	Rev A	Android 4.4.4	
Adjudicator	2.0			
Ballot Layout Manager	2.0			
Common (Library)	2.0			
Election Manager	2.0			
Election Server	2.0			
OCS Installer	2.0			
Regkey Builder	2.0			
Software Server	2.0			
Tabulator	2.0			
Tabulator Client	2.0			
Tabulator Reports	2.0			
OVCS Application	2.0			
OVI Firmware	2.0			
OVO Firmware	2.0			
Scripter	2.0			
Validator	2.0			
Logger (Library)	2.0			
UnisynSecure (Library)	2.0			
<b>COTS Components</b>				
CentOS Linux	6.3, 6.5, 6.8			
Java JRE + Unlimited Cryptographic Extension	1.6.0_02			
Apache Tomcat Application Server	6.0.13			
MySQL Database	5.0.45-7, 5.1.71-1			
JasperReports	2.0.5			
Android	4.4.4			
Desktop for non-redundant solutions		Dell OptiPlex		
Desktop for redundant solutions		Dell Precision		
Canon Scanner		Canon DR-X10C or DR-M160II		
Transport Media		STEC- Industrial		

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
		Grade		
Laptop		Dell Latitude	COTS	

System Limitations

This table depicts the limits the system has been tested and certified to meet.

Characteristic	Limiting Component	Limit	Comment
Maximum Elections	BLM	8	
Maximum Precincts	BLM	2000	
Maximum Splits per Precinct	BLM	9	
Maximum Districts	BLM	400	
Maximum Contests per District	BLM	20	
Maximum Parties	BLM	24	
Maximum Parties in primary	BLM	12	
Maximum Parties w/ Straight Ticket	BLM	12	
Maximum District types	BLM	25	
Maximum Languages	BLM	15	
Maximum Ballot styles per Election	BLM	400	
Maximum Contests per Election	BLM	150	
Maximum Measures per Election	BLM	30	
Maximum Instruction Blocks per Election	BLM	5	
Maximum Headers per Election	BLM	50	
Maximum Candidates per Contest	BLM	120	
Maximum Ballot Pages	BLM	3	
Maximum Votes for N of M	BLM	25	
Maximum Ranks in RCV	BLM	3	
Maximum Ballot sheets per OVO	BLM	5000	
Maximum Units simultaneously loading	BLM	20	
Maximum Precincts initialized per OVO on Election Day	BLM	30	
Maximum Precincts initialized per OVI-7/OVI-VC on Election Day	BLM	2000	
Maximum Precincts initialized per OVO/OVI-7/OVI-VC in early voting	BLM	2000	
Maximum 11" Ballot positions	BLM	38 x 6	Limit (Double Sided)
Maximum 14" Ballot positions	BLM	50 x 6	Limit (Double Sided)
Maximum 17" Ballot positions	BLM	62 x 6	Limit (Double Sided)
Maximum 19" Ballot positions	BLM	70 x 6	Limit (Double Sided)

## Functionality

### 2005 VVSG Supported Functionality Declaration

Feature/Characteristic	Yes/No	Comment
Voter Verified Paper Audit Trails		
VVPAT	No	Not applicable
Accessibility		
Forward Approach	No	
Parallel (Side) Approach	No	
Closed Primary		
Primary: Closed	Yes	
Open Primary		
Primary: Open Standard (provide definition of how supported)	Yes	A registered voter may vote in any <i>party primary</i> regardless of his own party affiliation
Primary: Open Blanket (provide definition of how supported)	No	
Partisan & Non-Partisan:		
Partisan & Non-Partisan: Vote for 1 of N race	Yes	
Partisan & Non-Partisan: Multi-member ("vote for N of M") board races	Yes	
Partisan & Non-Partisan: "vote for 1" race with a single candidate and write-in voting	Yes	
Partisan & Non-Partisan "vote for 1" race with no declared candidates and write-in voting	Yes	
Write-In Voting:		
Write-in Voting: System default is a voting position identified for write-ins.	Yes	
Write-in Voting: Without selecting a write in position.	No	
Write-in: With No Declared Candidates	Yes	
Write-in: Identification of write-ins for resolution at central count	Yes	
Primary Presidential Delegation Nominations & Slates:		
Primary Presidential Delegation Nominations: Displayed delegate slates for each presidential party	Yes	
Slate & Group Voting: one selection votes the slate.	No	
Ballot Rotation:		
Rotation of Names within an Office; define all supported rotation methods for location on the ballot and vote tabulation/reporting	Yes	Top to Bottom By Precinct grouping
Straight Party Voting:		
Straight Party: A single selection for partisan races in a general election	Yes	

Feature/Characteristic	Yes/No	Comment
Straight Party: Vote for each candidate individually	Yes	
Straight Party: Modify straight party selections with crossover votes	Yes	
Straight Party: A race without a candidate for one party	Yes	
Straight Party: "N of M race (where "N">1)	Yes	
Straight Party: Excludes a partisan contest from the straight party selection	Yes	
<b>Cross-Party Endorsement:</b>		
Cross party endorsements, multiple parties endorse one candidate.	No	
<b>Split Precincts:</b>		
Split Precincts: Multiple ballot styles	Yes	
Split Precincts: P & M system support splits with correct contests and ballot identification of each split	Yes	
Split Precincts: DRE matches voter to all applicable races.	No	
Split Precincts: Reporting of voter counts (# of voters) to the precinct split level; Reporting of vote totals is to the precinct level	Yes	
<b>Vote N of M:</b>		
Vote for N of M: Counts each selected candidate, if the maximum is not exceeded.	Yes	
Vote for N of M: Invalidates all candidates in an overvote (paper)	Yes	
<b>Recall Issues, with options:</b>		
Recall Issues with Options: Simple Yes/No with separate race/election. (Vote Yes or No Question)	Yes	
Recall Issues with Options: Retain is the first option, Replacement candidate for the second or more options (Vote 1 of M)	Yes	
Recall Issues with Options: Two contests with access to a second contest conditional upon a specific vote in contest one. (Must vote Yes to vote in 2 <sup>nd</sup> contest.)	No	
Recall Issues with Options: Two contests with access to a second contest conditional upon any vote in contest one. (Must vote Yes to vote in 2 <sup>nd</sup> contest.)	No	
<b>Cumulative Voting</b>		
Cumulative Voting: Voters are permitted to cast, as many votes as there are seats to be filled for one or more candidates. Voters are not limited to giving only one vote to a candidate. Instead, they can put multiple votes on one or more candidate.	No	
<b>Ranked Order Voting</b>		
Ranked Order Voting: Voters can write in a ranked vote.	Yes	
Ranked Order Voting: A ballot stops being counting when all ranked choices have been eliminated	Yes	
Ranked Order Voting: A ballot with a skipped rank counts the vote for the next rank.	Yes	

Feature/Characteristic	Yes/No	Comment
Ranked Order Voting: Voters rank candidates in a contest in order of choice. A candidate receiving a majority of the first choice votes wins. If no candidate receives a majority of first choice votes, the last place candidate is deleted, each ballot cast for the deleted candidate counts for the second choice candidate listed on the ballot. The process of eliminating the last place candidate and recounting the ballots continues until one candidate receives a majority of the vote	Yes	
Ranked Order Voting: A ballot with two choices ranked the same, stops being counted at the point of two similarly ranked choices.	Yes	
Ranked Order Voting: The total number of votes for two or more candidates with the least votes is less than the votes of the candidate with the next highest number of votes, the candidates with the least votes are eliminated simultaneously and their votes transferred to the next-ranked continuing candidate.	Yes	
<b>Provisional or Challenged Ballots</b>		
Provisional/Challenged Ballots: A voted provisional ballots is identified but not included in the tabulation, but can be added in the central count.	Yes	
Provisional/Challenged Ballots: A voted provisional ballots is included in the tabulation, but is identified and can be subtracted in the central count	No	
Provisional/Challenged Ballots: Provisional ballots maintain the secrecy of the ballot.	Yes	
<b>Overvotes (must support for specific type of voting system)</b>		
Overvotes: P & M: Overvote invalidates the vote. Define how overvotes are counted.	Yes	Supported. Overvotes are tabulated for each office as an Over / Under Vote report in Vote Tabulation
Overvotes: DRE: Prevented from or requires correction of overvoting.	No	
Overvotes: If a system does not prevent overvotes, it must count them. Define how overvotes are counted.	No	
Overvotes: DRE systems that provide a method to data enter absentee votes must account for overvotes.	No	
<b>Undervotes</b>		
Undervotes: System counts undervotes cast for accounting purposes	Yes	Supported. Undervotes are tabulated for each office as an Over / Under Vote report in Vote Tabulation

Feature/Characteristic	Yes/No	Comment
<b>Blank Ballots</b>		
Totally Blank Ballots: Any blank ballot alert is tested.	Yes	
Totally Blank Ballots: If blank ballots are not immediately processed, there must be a provision to recognize and accept them	Yes	
Totally Blank Ballots: If operators can access a blank ballot, there must be a provision for resolution.	Yes	
<b>Display/Printing Multi-Lingual Ballots</b>		
Spanish	Yes	
Armenian	Yes	
Alaska Native (Other Group specified)	No	
Aleut	No	
Athabascan	No	
Eskimo	No	
Native (Other Group Specified)	No	
Cambodian	Yes	
Chinese (Cantonese and Mandarin)	Yes	
Filipino (Tagalog)	Yes	
Japanese	Yes	
Korean	Yes	
Russian	Yes	
Vietnamese	Yes	
Apache	No	
Cent/So American	No	
Cheyenne	No	
Chickasaw	No	
Choctaw	No	
Navajo	No	
Other Tribe-Specified	No	
Paiute	No	
Pueblo	No	
Seminole	No	
Shoshone	No	
Sioux	No	
Tohono O'Odham	No	
Tribe not specified	No	
Ute	No	
Yaqui	No	
Yuman	No	
<b>Demonstrates the voting system capability to handle the designated language groups</b>		
Default language (English)	Yes	

Feature/Characteristic	Yes/No	Comment
Secondary language using a Western European font	Yes	
Ideographic language (such as Chinese or Korean),	Yes	
Non-written languages requiring audio support	Yes	

## Baseline Certification Engineering Change Order's (ECO)

This table depicts the ECO's certified with the voting system:

Change ID	Date	Component	Description	Inclusion
16942	3-27-17	OVO	New Mount for Gate Add Ferrite to Scanner	Optional
16939	11-19-15	OVO	Brass Insert for scanner threads	Optional
16942	3-27-17	OVO	Hole in Plate(s) to access scanner screw	Optional
16953	3-23-17	OVO	Citizen Power Supply, Federal Level VI efficiency compliant AC/DC adapter	Optional
EAC 1020	3-23-17	OVO	Scanner Power Supply, Federal Level VI efficiency compliant AC/DC adapter	Optional
EAC 1021	3-23-17	OVO	PC Power Supply, Federal Level VI efficiency compliant AC/DC adapter	Optional
EAC 1021	3-23-17	OVI	PC Power Supply, Federal Level VI efficiency compliant AC/DC adapter	Optional
EAC 1017	11-17-15	OVI	Star Printer Power Supply, Federal Level VI efficiency compliant AC/DC adapter	Optional
ECO-16938	11-19-15	OVI	G Vision Power Supply, Federal Level VI efficiency compliant AC/DC adapter	Optional
ECO 16938	11-19-15	OVI	G Vision LCD update	Optional
ECO 16951	3-23-17	OVI	OVI Reset Button	Optional
ECO 16952	3-27-17	OVO/OVI	Motherboard Version Update	Optional
EAC 1022	3-27-17	OVI/OVI	Disk Version Update	Optional
IR 00560 ECO 16921	8-5-14 10-22-14	OVO OVI	Updated AC Power Cable on Rev. A OVO-2 Rev. B OVI-3	Optional



United States Election Assistance Commission



Certificate of Conformance

OpenElect 2.0.A

The voting system identified on this certificate has been evaluated at an accredited voting system testing laboratory for conformance to the 2005 *Voluntary Voting System Guidelines (2005 VVSG)*. Components evaluated for this certification are detailed in the attached Scope of Certification document. This certificate applies only to the specific version and release of the product in its evaluated configuration. The evaluation has been verified by the EAC in accordance with the provisions of the EAC *Voting System Testing and Certification Program Manual* and the conclusions of the testing laboratory in the test report are consistent with the evidence adduced. This certificate is not an endorsement of the product by any agency of the U.S. Government and no warranty of the product is either expressed or implied.

Product Name: OpenElect

Model or Version: 2.0.A

Name of VSTL: Pro V&V

EAC Certification Number: UNS10121966-2.0.A

Date Issued: June 5, 2018

Executive Director  
U.S. Election Assistance Commission

Scope of Certification Attached



**U. S. Election Assistance Commission  
Voting System Testing and Certification Program  
1335 East West Highway, Suite 4300  
Silver Spring, MD 20910**

May 22, 2018

Chris Ortiz  
Unisyn Voting Solutions  
2310 Cousteau Court  
Vista, CA 92081

**Sent via e-mail**

**Re: Agency Decision – Grant of Certification**

Dear Mr. Ortiz,

As required under §5.9 of the EAC's Voting System Testing and Certification Program Manual, Unisyn Voting Solutions and Pro V&V have provided the necessary documentation for the Unisyn OpenElect 2.0.A voting system verifying that 1) the trusted build has been performed, 2) software has been deposited in an approved repository, 3) system identification tools are available to election officials, and 4) signed a letter stating, under penalty of law, that you have:

1. Performed a trusted build consistent with the requirements of §5.6 of the EAC's Certification Manual;
2. Deposited software consistent with §5.7 of the EAC's Certification Manual;
3. Created and made available system identification tools consistent with §5.8 of the EAC's Certification Manual (a copy and description of the system identification tool developed must be provided with the letter); and
4. Upon a final decision to grant certification, the manufacturer accepts the certification and all conditions placed on the certification.

Based on the review of the documentation above and the fact that Unisyn OpenElect 2.0.A voting system successfully completed conformance testing to the 2005 Voluntary Voting System Guidelines (2005 VVSG), the Voting System Testing & Certification Program Director has recommended EAC certification of this system.

I have reviewed all of the documentation and concur with the Program Director's recommendation. As such, I hereby grant EAC Certification to the Unisyn OpenElect 2.0.A voting system to the 2005 Voluntary Voting System Guidelines.

The EAC certification number issued for this system is: **UNS10121966-2.0.A**. In addition, a Certificate of Conformance shall be provided to Unisyn Voting Solutions as evidence of the EAC certification of the Unisyn OpenElect 2.0.A voting system. The Certificate of Conformance shall be provided to Unisyn Voting Solutions no later than five business days from the date of this letter, and it shall be posted on the EAC's Web site.

As stated in §5.11 of the EAC's Certification Manual, *the EAC certification and certificate apply only to the specific voting system configuration(s) identified, submitted, and evaluated under the Certification Program. Any modification to the system not authorized by the EAC shall void the certificate.*

If you have any questions or need further information, please do not hesitate to contact Brian Hancock at your earliest convenience. I thank you in advance for your time and attention to this matter and congratulate on this achievement.

Sincerely,

A handwritten signature in blue ink, appearing to read "BDN".

---

Brian D. Newby  
Executive Director  
Decision Authority

cc: Brian Hancock, U.S. Election Assistance Commission  
Michael Walker, Pro V&V

**Manufacturer:** Unisyn Voting Solutions, Inc.  
**System Name:** OpenElect 2.0.A  
**Certificate:** UNS10121966-2.0.A

**Laboratory:** Pro V&V  
**Standard:** VVSG 1.0 (2005)  
**Date:** 06/05/2018



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## Scope of Certification

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This document describes the scope of the validation and certification of the system defined above. Any use, configuration changes, revision changes, additions or subtractions from the described system are not included in this evaluation.

### Significance of EAC Certification

An EAC certification is an official recognition that a voting system (in a specific configuration or configurations) has been tested to and has met an identified set of Federal voting system standards. An EAC certification is **not**:

- An endorsement of a Manufacturer, voting system, or any of the system's components.
- A Federal warranty of the voting system or any of its components.
- A determination that a voting system, when fielded, will be operated in a manner that meets all HAVA requirements.
- A substitute for State or local certification and testing.
- A determination that the system is ready for use in an election.
- A determination that any particular component of a certified system is itself certified for use outside the certified configuration.

### Representation of EAC Certification

Manufacturers may not represent or imply that a voting system is certified unless it has received a Certificate of Conformance for that system. Statements regarding EAC certification in brochures, on Web sites, on displays, and in advertising/sales literature must be made solely in reference to specific systems. Any action by a Manufacturer to suggest EAC endorsement of its product or organization is strictly prohibited and may result in a Manufacturer's suspension or other action pursuant to Federal civil and criminal law.

### System Overview:

The Unisyn OpenElect Voting System 2.0.A, herein referred to as OVS 2.0.A, is a new system based on the earlier certified OVS releases. The OVS 2.0.A Voting System is a paper-ballot based optical scan voting system consisting of five major components:

1. OpenElect Central Suite (OCS)
2. OpenElect Voting Optical (OVO)
3. OpenElect Voting Interface (OVI-VC)
4. OpenElect Voting Central Scan (OVCS)
5. Freedom Vote Tablet (FVT)

The Unisyn OVS 2.0.A voting system Technical Data Package (TDP) was the source for much of the information in this document.

## Pre-Voting - Election Center/Central Count

TDP1001

### OCS

#### Ballot Layout Manager (BLM)

- Defines Election
- Produces Ballots

#### Election USB TM

Loads the Election directly on Voting Devices

#### Election Manager (EM)

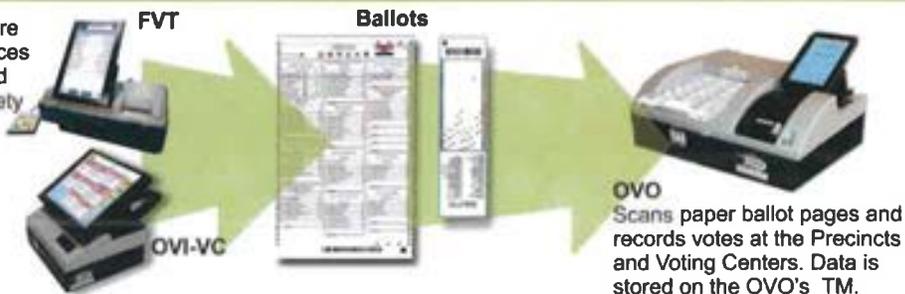
- Sets Election Options
- Creates Election Files



## Voting - Poll Locations

OVI-VC and FVT are ballot marking devices that produce printed ballots using a variety of Input Devices:

- Touchscreen
- Keypad
- Sip and Puff



## Post-Voting - Election Center/Central Count

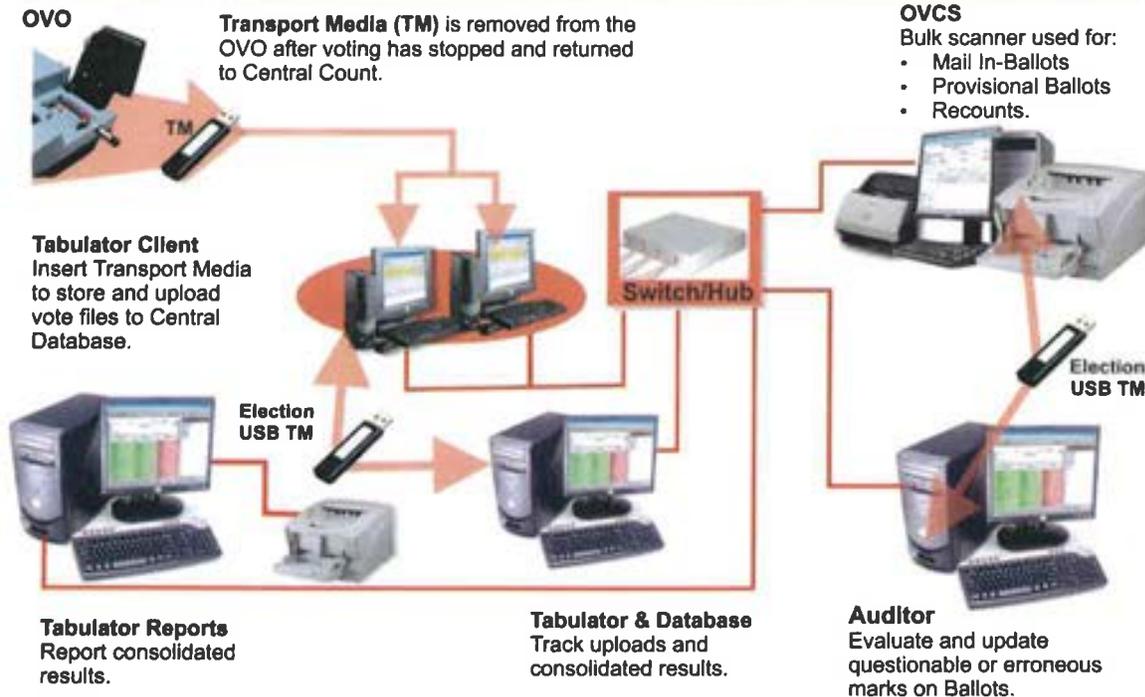
### OVO

Transport Media (TM) is removed from the OVO after voting has stopped and returned to Central Count.

### OVCS

- Bulk scanner used for:
- Mail In-Ballots
  - Provisional Ballots
  - Recounts.

**Tabulator Client**  
Insert Transport Media to store and upload vote files to Central Database.



**Tabulator Reports**  
Report consolidated results.

**Tabulator & Database**  
Track uploads and consolidated results.

**Auditor**  
Evaluate and update questionable or erroneous marks on Ballots.

### **OpenElect Central Suite (OCS)**

The OCS consists of the eight components running as either a front-end/client application or as a back-end/server application: Ballot Layout Manager (BLM), Election Manager (EM), Election Server (ES), Tabulator Client (TC), Tabulator, Adjudicator, Tabulator Reports (TR) and Software Server (SS).

### **OpenElect Voting Optical (OVO)**

The OVO device is a precinct-level optical scan ballot counter (tabulator) designed to perform the following major functions: ballot scanning, tabulation, and second chance voting.

The OVO is a full-page, dual-sided optical scan ballot system which scans and validates voter ballots and provides a summary of all ballots cast. The election is loaded from the OVS Election Server over a secure local network or via a USB thumb drive. On Election Day, an OVO at each polling location scans and validates voters' ballots, and provides precinct tabulation and reporting. The OVO unit is also paired with the OVI for early voting to scan and tabulate early voting ballots. OVO units can also be used at election headquarters to read absentee, provisional, or recount ballots in smaller jurisdictions.

### **OpenElect Voting Interface (OVI)**

The OVI supports both ADA and Early Voting requirements. The OVI enables voters during early voting to cast regional ballots and voters with special needs to prepare their ballots independently and privately on Election Day. The OVI unit features a 15-inch full-color touch-screen display. The OVI will present each contest on the correct ballot to the voter in visual and (optionally) audio formats. The voter with limited vision navigates through the ballot using the audio ballot and the ADA keypad or touchscreen input to make their selections. The voter validates his or her selections by listening to the audio summary, printing the ballot, and inserting it into the OVO.

The OVI facilitates special needs voters through a variety of methods including wheelchair access, sip & puff, zoom-in ballot function, and audio assistance for the visually impaired. The OVI provides for write-in candidates when authorized by the jurisdiction. Voters input candidates' names via the ADA keypad, touchscreen or sip & puff device. Each OVI can support multiple languages for both visual and audio ballots, allowing the voter to choose their preferred language.

### **OpenElect Voting Central Scanner (OVCS)**

The OVCS resides at election headquarters designated to read absentee, provisional, or recount ballots in large jurisdictions, or read the entire election's ballots at a central count location in smaller jurisdictions. The OVCS also captures write-in data images and produces a write-in

image report for manual processing upon request. The OVCS system consists of the following components: OVCS Workstation and Canon DR-X10C Scanner or a Canon M-160II Scanner.

### **Freedom Vote Tablet (FVT)**

The FVT is a tablet ballot marking device that enables voters make their vote selections and to print their voted ballot. It can be used on Election Day or during an early voting period. Like the OVI-VC, the FVT is ADA compliant. It assists voters, with varying levels of ability, through the voting process, ballot review, and printing functions. The FVT presents each contest on the ballot style to the voter in visual and/or audio formats. It facilitates special needs voters through a variety of methods including wheelchair access, sip and puff, zoom-in ballot function and audio assistance for the visually impaired. The voter with limited vision can navigate through the ballot using an audio ballot and the ADA keypad or touchscreen to input their selections. Once the ballot is printed, it is taken to the OVO to be cast. Each FVT can support multiple languages for both visual and audio ballots, allowing the voter to choose their preferred language.

### **Certified System before Modification (if applicable):**

OpenElect 2.0

### **Anomalies and/or Additions addressed in OpenElect 2.0.A:**

#### **Ballot Layout Manager (BLM)**

- Add Sequential Page Numbers to All Multipage Reports
- Support for MP3 sound files on FVT
- Tennessee: uniquely identifiable stub on FVT print. (On cancel or timeout, print cancel stub)
- Add export/import function for Translations text

#### **Election Manager (EM)**

- Add Sequential Page Numbers to All Multipage Reports
- Configuration switch for Pennsylvania rule for “override” straight-party ticket
- Support for MP3 sound files on FVT

#### **Tabulator**

- Add Sequential Page Numbers to All Multipage Reports

#### **Tabulator Reports (TR)**

- Add Sequential Page Numbers to All Multipage Reports

#### **Validator**

- Allow OVO and OVI-VC application software to be loaded from the USB

- Add System Verifier function from Validator (output validation signatures to file if signed profile exists on USB)

#### **OpenElect Central Suite (OCS)**

- Add OpenVPN (FIPS Cert) to secure all OCS network traffic

#### **FreedomVote Tablet (FVT)**

- Support for MP3 sound files on FVT
- Stub: A uniquely identifiable stub can be printed for each voting session. (On cancel or timeout, print cancel stub)
- Add log export, machine info report to the Customer Acceptance menu
- Show on Barcode Reader Test scanned data in easy to read format
- Allow reprint of the Open Report, which contains machine information and verification that no ballots have been printed
- Add FVT application version to Diagnostics > Auto Test printout
- Display low battery warning message
- Add voter confirm screen after the last ballot page

#### **Linux**

- VPN files are installed as part of the OCSInstaller
- Remove Election Server (ES) and Software Server (SS) files from the system and icons from the desktop as part of the VPN install using the OCSInstaller

#### **Mark Definition:**

The Unisyn Open Elect system will consistently recognize a 1mm wide line across the full length of the target area. Marks must be made with a marking device with sufficiently low reflectance in the visible red band and is of sufficient density/color such that the scanner registers it as black. Most blue, black and green ballpoint pens and markers also meet necessary reflectance requirements and may be used.

#### **Tested Marking Devices:**

- BIC Grip Roller
- EF Felt Tip Pen

#### **Language Capability:**

System supports Armenian, Cambodian, Chinese, English, Japanese, Korean, Russian, Spanish, Tagalog, Vietnamese, and Navajo.

## Components Included:

This section provides information describing the components and revision level of the primary components included in this Certification.

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
OVO	2.0.A	Rev A, E	Linux CentOS 6.3	
OVI-VC	2.0.A	Rev A, B	Linux CentOS 6.3	
OVCS	2.0.A	ImageFORMULA DR-X10C & M160	Linux CentOS 6.5, 6.8	
FVT	2.0.A	Rev A	Android 4.4.4	
Adjudicator	2.0.A			
Ballot Layout Manager	2.0.A			
Common (Library)	2.0.A			
Election Manager	2.0.A			
OCS Installer	2.0.A			
Regkey Builder	2.0.A			
Tabulator	2.0.A			
Tabulator Client	2.0.A			
Tabulator Reports	2.0.A			
OVCS Application	2.0.A			
OVI Firmware	2.0.A			
OVO Firmware	2.0.A			
Scripter	2.0.A			
Validator	2.0.A			
Logger (Library)	2.0.A			
UnisynSecure (Library)	2.0.A			
<b>COTS Components</b>				
CentOS Linux	6.3, 6.5, 6.8			
Java JRE + Unlimited Cryptographic Extension	1.6.0_02			
Apache Tomcat Application Server	6.0.13			
MySQL Database	5.0.45-7, 5.1.71-1			
JasperReports	2.0.5	JasperReports		

System Component	Software or Firmware Version	Hardware Version	Operating System or COTS	Comments
Android	4.4.4	Android		
OpenSSL	1.01f-fips			
OpenVPN	2.4.4			
Desktop for non-redundant solutions	Dell OptiPlex	Desktop for non-redundant solutions		
Desktop for redundant solutions	Dell Precision	Desktop for redundant solutions		
Canon Scanner	Canon DR-X10C or DR-M160II	Canon Scanner		
Transport Media		STEC- Industrial Grade		
Laptop		Dell Latitude	COTS	

#### System Limitations

This table depicts the limits the system has been tested and certified to meet.

Characteristic	Limiting Component	Limit	Comment
Maximum Elections	BLM	8	
Maximum Precincts	BLM	2000	
Maximum Splits per Precinct	BLM	9	
Maximum Districts	BLM	400	
Maximum Contests per District	BLM	20	
Maximum Parties	BLM	24	
Maximum Parties in primary	BLM	12	
Maximum Parties w/ Straight Ticket	BLM	12	
Maximum District types	BLM	25	
Maximum Languages	BLM	15	
Maximum Ballot styles per Election	BLM	400	
Maximum Contests per Election	BLM	150	
Maximum Measures per Election	BLM	30	
Maximum Instruction Blocks per Election	BLM	5	
Maximum Headers per Election	BLM	50	
Maximum Candidates per Contest	BLM	120	
Maximum Ballot Pages	BLM	3	
Maximum Votes for N of M	BLM	25	
Maximum Ranks in RCV	BLM	3	
Maximum Ballot sheets per OVO	BLM	5000	
Maximum Units simultaneously loading	BLM	20	
Maximum Precincts initialized per OVO on Election Day	BLM	30	

Characteristic	Limiting Component	Limit	Comment
Maximum Precincts initialized per OVI-VC/FVT on Election Day	BLM	2000	
Maximum Precincts initialized per OVO/ /OVI-VC/FVT in early voting	BLM	2000	
Maximum 11" Ballot positions	BLM	38 x 6	Limit (Double Sided)
Maximum 14" Ballot positions	BLM	50 x 6	Limit (Double Sided)
Maximum 17" Ballot positions	BLM	62 x 6	Limit (Double Sided)
Maximum 19" Ballot positions	BLM	70 x 6	Limit (Double Sided)

## Functionality

### 2005 VVSG Supported Functionality Declaration

Feature/Characteristic	Yes/No	Comment
Voter Verified Paper Audit Trails		
VVPAT	No	Not applicable
Accessibility		
Forward Approach	No	
Parallel (Side) Approach	No	
Closed Primary		
Primary: Closed	Yes	
Open Primary		
Primary: Open Standard (provide definition of how supported)	Yes	A registered voter may vote in any <i>party primary</i> regardless of his own party affiliation
Primary: Open Blanket (provide definition of how supported)	No	
Partisan & Non-Partisan:		
Partisan & Non-Partisan: Vote for 1 of N race	Yes	
Partisan & Non-Partisan: Multi-member ("vote for N of M") board races	Yes	
Partisan & Non-Partisan: "vote for 1" race with a single candidate and write-in voting	Yes	
Partisan & Non-Partisan "vote for 1" race with no declared candidates and write-in voting	Yes	
Write-In Voting:		
Write-in Voting: System default is a voting position identified for write-ins.	Yes	
Write-in Voting: Without selecting a write in position.	No	
Write-in: With No Declared Candidates	Yes	
Write-in: Identification of write-ins for resolution at central count	Yes	

Feature/Characteristic	Yes/No	Comment
<b>Primary Presidential Delegation Nominations &amp; Slates:</b>		
Primary Presidential Delegation Nominations: Displayed delegate slates for each presidential party	Yes	
Slate & Group Voting: one selection votes the slate.	No	
<b>Ballot Rotation:</b>		
Rotation of Names within an Office; define all supported rotation methods for location on the ballot and vote tabulation/reporting	Yes	Top to Bottom by Precinct grouping
<b>Straight Party Voting:</b>		
Straight Party: A single selection for partisan races in a general election	Yes	
Straight Party: Vote for each candidate individually	Yes	
Straight Party: Modify straight party selections with crossover votes	Yes	
Straight Party: A race without a candidate for one party	Yes	
Straight Party: "N of M race (where "N">1)	Yes	
Straight Party: Excludes a partisan contest from the straight party selection	Yes	
<b>Cross-Party Endorsement:</b>		
Cross party endorsements, multiple parties endorse one candidate.	No	
<b>Split Precincts:</b>		
Split Precincts: Multiple ballot styles	Yes	
Split Precincts: P & M system support splits with correct contests and ballot identification of each split	Yes	
Split Precincts: DRE matches voter to all applicable races.	No	
Split Precincts: Reporting of voter counts (# of voters) to the precinct split level; Reporting of vote totals is to the precinct level	Yes	
<b>Vote N of M:</b>		
Vote for N of M: Counts each selected candidate, if the maximum is not exceeded.	Yes	
Vote for N of M: Invalidates all candidates in an overvote (paper)	Yes	
<b>Recall Issues, with options:</b>		
Recall Issues with Options: Simple Yes/No with separate race/election. (Vote Yes or No Question)	Yes	
Recall Issues with Options: Retain is the first option, Replacement candidate for the second or more options (Vote 1 of M)	Yes	
Recall Issues with Options: Two contests with access to a second contest conditional upon a specific vote in contest one. (Must vote Yes to vote in 2 <sup>nd</sup> contest.)	No	
Recall Issues with Options: Two contests with access to a second contest conditional upon any vote in contest one. (Must vote Yes to vote in 2 <sup>nd</sup> contest.)	No	
<b>Cumulative Voting</b>		

Feature/Characteristic	Yes/No	Comment
Cumulative Voting: Voters are permitted to cast, as many votes as there are seats to be filled for one or more candidates. Voters are not limited to giving only one vote to a candidate. Instead, they can put multiple votes on one or more candidate.	No	
<b>Ranked Order Voting</b>		
Ranked Order Voting: Voters can write in a ranked vote.	Yes	
Ranked Order Voting: A ballot stops being counting when all ranked choices have been eliminated	Yes	
Ranked Order Voting: A ballot with a skipped rank counts the vote for the next rank.	Yes	
Ranked Order Voting: Voters rank candidates in a contest in order of choice. A candidate receiving a majority of the first choice votes wins. If no candidate receives a majority of first choice votes, the last place candidate is deleted, each ballot cast for the deleted candidate counts for the second choice candidate listed on the ballot. The process of eliminating the last place candidate and recounting the ballots continues until one candidate receives a majority of the vote	Yes	
Ranked Order Voting: A ballot with two choices ranked the same, stops being counted at the point of two similarly ranked choices.	Yes	
Ranked Order Voting: The total number of votes for two or more candidates with the least votes is less than the votes of the candidate with the next highest number of votes, the candidates with the least votes are eliminated simultaneously and their votes transferred to the next-ranked continuing candidate.	Yes	
<b>Provisional or Challenged Ballots</b>		
Provisional/Challenged Ballots: A voted provisional ballots is identified but not included in the tabulation, but can be added in the central count.	Yes	
Provisional/Challenged Ballots: A voted provisional ballots is included in the tabulation, but is identified and can be subtracted in the central count	No	
Provisional/Challenged Ballots: Provisional ballots maintain the secrecy of the ballot.	Yes	
<b>Overvotes (must support for specific type of voting system)</b>		
Overvotes: P & M: Overvote invalidates the vote. Define how overvotes are counted.	Yes	Supported. Overvotes are tabulated for each office as an Over / Under Vote report in Vote Tabulation
Overvotes: DRE: Prevented from or requires correction of overvoting.	No	

Feature/Characteristic	Yes/No	Comment
Overvotes: If a system does not prevent overvotes, it must count them. Define how overvotes are counted.	No	
Overvotes: DRE systems that provide a method to data enter absentee votes must account for overvotes.	No	
<b>Undervotes</b>		
Undervotes: System counts undervotes cast for accounting purposes	Yes	Supported. Undervotes are tabulated for each office as an Over / Under Vote report in Vote Tabulation
<b>Blank Ballots</b>		
Totally Blank Ballots: Any blank ballot alert is tested.	Yes	
Totally Blank Ballots: If blank ballots are not immediately processed, there must be a provision to recognize and accept them	Yes	
Totally Blank Ballots: If operators can access a blank ballot, there must be a provision for resolution.	Yes	
<b>Display/Printing Multi-Lingual Ballots</b>		
Spanish	Yes	
Armenian	Yes	
Alaska Native (Other Group specified)	No	
Aleut	No	
Athabascan	No	
Eskimo	No	
Native (Other Group Specified)	No	
Cambodian	Yes	
Chinese (Cantonese and Mandarin)	Yes	
Filipino (Tagalog)	Yes	
Japanese	Yes	
Korean	Yes	
Russian	Yes	
Vietnamese	Yes	
Apache	No	
Cent/So American	No	
Cheyenne	No	
Chickasaw	No	
Choctaw	No	
Navajo	No	
Other Tribe-Specified	No	
Paiute	No	
Pueblo	No	

Feature/Characteristic	Yes/No	Comment
Seminole	No	
Shoshone	No	
Sioux	No	
Tohono O'Odham	No	
Tribe not specified	No	
Ute	No	
Yaqui	No	
Yuman	No	
Demonstrates the voting system capability to handle the designated language groups		
Default language (English)	Yes	
Secondary language using a Western European font	Yes	
Ideographic language (such as Chinese or Korean),	Yes	
Non-written languages requiring audio support	Yes	



### **Voting System Reference Questions**

Reference Name and Contact Information: **Nick La Strada Election Authority**

Jurisdiction Name: **County of Pettis**

Quantity, type and version of voting equipment and software installed: **Unisyn 2.0 Version**

How many voters are in your jurisdiction? **26,500**

When did your jurisdiction purchase the system? **2017**

How many elections have you used the system? **4**

Have any upgrades been made to the system since you purchased it? Why? **No**

Are you still using the same system? **Yes**

Describe your overall impression of the system based on experiences in your jurisdiction. **The Community, poll workers and voters love the equipment.**

Are you satisfied with the training provided to your staff? **Yes**

Are you satisfied with the training provided for poll officials? **Yes**

Are you satisfied with the support the vendor has provided for early voting (if applicable), Election Day, and post-election activities? **Yes**

Are you satisfied with the cost of support? Do you feel the cost of support is competitive or too expensive? **The Cost of the equipment was the cheapest from everyone else.**

Describe any issues the vendor has had meeting your jurisdiction's requirements, if any. **N/A**

Describe any issues your jurisdiction has had regarding equipment availability, if any. **N/A**

Describe any issues your jurisdiction has had regarding the accuracy of election results, if any. **N/A**

Describe any other issues your jurisdiction has had with the system, if any. **N/A**

Has the vendor been responsive in addressing issues? Always Available **24/7**

Describe any feedback (positive or negative) received from poll officials about the system. **All Positive**

Describe any feedback (positive or negative) received from voters about the system. **All Positive**

Do you feel like you have gotten your money's worth for the system? **Yes**

Would you recommend this system for use in other jurisdictions? **Yes**



### **Voting System Reference Questions**

Reference Name and Contact Information: *Terri Rethlake (574)235-9635*

Jurisdiction Name: *St Joseph County, IN*

Quantity, type and version of voting equipment and software installed: *UnisynOpenElect Voting system 2.0.A including OVO, FVT, OVCS and OCS*

How many voters are in your jurisdiction? *200,000*

When did your jurisdiction purchase the system? *November 2018*

How many elections have you used the system? *1*

Have any upgrades been made to the system since you purchased it? No Why? *First time use*

Are you still using the same system? *Yes*

Describe your overall impression of the system based on experiences in your jurisdiction.  
*Worked as described. Voters loved it.*

Are you satisfied with the training provided to your staff? *Yes*

Are you satisfied with the training provided for poll officials? *Yes*

Are you satisfied with the support the vendor has provided for early voting (if applicable), Election Day, and post-election activities? *Yes.*

Are you satisfied with the cost of support? Do you feel the cost of support is competitive or too expensive? *I am very satisfied with the support we have received from RBM staff.*

Describe any issues the vendor has had meeting your jurisdiction's requirements, if any. *No issues*

Describe any issues your jurisdiction has had regarding equipment availability, if any. *No issues*

Describe any issues your jurisdiction has had regarding the accuracy of election results, if any. *No issues*

Describe any other issues your jurisdiction has had with the system, if any. *Merging election night totals with legacy system was a challenge.*

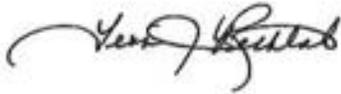
Has the vendor been responsive in addressing issues? *Yes*

Describe any feedback (positive or negative) received from poll officials about the system. *All positive feedback*

Describe any feedback (positive or negative) received from voters about the system. *All positive feedback from voters*

Do you feel like you have gotten your money's worth for the system? *Yes we have*

Would you recommend this system for use in other jurisdictions? *Yes.*

A handwritten signature in black ink, appearing to read "Kent J. Kullab". The signature is written in a cursive style with a large, sweeping initial "K".

Clerk of the Circuit Court  
St. Joseph County, IN



Describe any feedback (positive or negative) received from voters about the system. *We have not received any negative feedback from voters with regard to system*

Do you feel like you have gotten your money's worth for the system? *Absolutely*

Would you recommend this system for use in other jurisdictions? *Yes, without doubt*



*Amanda L. Lowery*  
*Jackson County Clerk*



### **Voting System Reference Questions**

Reference Name and Contact Information: *Amanda Lowery (812)358-6117*

Jurisdiction Name: *Jackson County, IN*

Quantity, type and version of voting equipment and software installed: *OpenElect Voting System, Version 2.0.A including OVO, OVI-VC and OCS system*

How many voters are in your jurisdiction? *31,000*

When did your jurisdiction purchase the system? 2011

How many elections have you used the system? 12

Have any upgrades been made to the system since you purchased it? Why? *Yes, change in law with regard to straight ticket as well as customer enhancements*

Are you still using the same system? *Yes*

Describe your overall impression of the system based on experiences in your jurisdiction. *The system has lived up to and exceeded expectations*

Are you satisfied with the training provided to your staff? *Yes*

Are you satisfied with the training provided for poll officials? Yes

Are you satisfied with the support the vendor has provided for early voting (if applicable), Election Day, and post-election activities? *Yes, all*

Are you satisfied with the cost of support? Do you feel the cost of support is competitive or too expensive? *Yes, very competitive*

Describe any issues the vendor has had meeting your jurisdiction's requirements, if any. *None up to this point*

Describe any issues your jurisdiction has had regarding equipment availability, if any. *None*

Describe any issues your jurisdiction has had regarding the accuracy of election results, if any. *None*

Describe any other issues your jurisdiction has had with the system, if any. *None*

Has the vendor been responsive in addressing issues? *Yes, always very responsive*

Describe any feedback (positive or negative) received from poll officials about the system. *All feedback we have received from poll workers has been positive*



## Voting System Reference Questions

Reference Name and Contact Information:

Jameson Shew, Douglas County Clerk, Kansas

[jshew@douglas-county.org](mailto:jshew@douglas-county.org)

785-832-5182

Jurisdiction Name: Douglas County, Kansas

Quantity, type and version of voting equipment and software installed:

OVO Precinct Tabulator (80), FVT Ballot Marking Device (120), Central Scanners (2),

OpenElect Ballot Programming and Tabulation Software (1)

How many voters are in your jurisdiction? 80,000

When did your jurisdiction purchase the system? May 2018

How many elections have you used the system?

2 (August Statewide Primary and November Statewide General (includes Governor and Statewide races)

Have any upgrades been made to the system since you purchased it? Why? No, we just purchased in May of 2018 so we have the most recent version.

Are you still using the same system? Yes

Describe your overall impression of the system based on experiences in your jurisdiction.

We have been extremely satisfied with performance, usability and deployment of the equipment. Our county changed equipment providers in 2018 which could have presented numerous challenges, but our implementation was a success. The equipment exceeded expectation along with the service provided.

Are you satisfied with the training provided to your staff?

Yes, the vendor was present for all areas of operations from acceptance test to the go-live on Election Day. Due to the short timeframe from selection to the August Election, we were nervous about implementation and training, the vendor was outstanding at getting us operational and trained by the first election.

Are you satisfied with the training provided for poll officials?

Yes.

Are you satisfied with the support the vendor has provided for early voting (if applicable), Election Day, and post-election activities?

Support has been excellent. Our county programs our ballots and equipment, the vendor was available at all times and days to answer questions and solve problems as we learned the new system. Our support exceeded the support we had been receiving, it was refreshing to feel that we had partners available and ready to help us at any time and were invested in our success.

Are you satisfied with the cost of support? Do you feel the cost of support is competitive or too expensive? **Yes.** The pricing for support coupled with the reputation of the vendor in this area was one of the deciding factors when we were choosing a system.

Describe any issues the vendor has had meeting your jurisdiction's requirements, if any. **None.**

Describe any issues your jurisdiction has had regarding equipment availability, if any. **None.** As mentioned, the selection was final in May 2018, equipment arrived quickly and was ready for testing and training for go-live two months later.

Describe any issues your jurisdiction has had regarding the accuracy of election results, if any. **None.** Our jurisdiction does extensive testing prior to an election, there were no concerns that emerged from any of those tests or from Election Day.

Describe any other issues your jurisdiction has had with the system, if any. **None**

Has the vendor been responsive in addressing issues? **Yes.** Our County had some ideas about ways to utilize the equipment which may have been different than previously done in other jurisdictions, our vendor was accommodating in working through those ideas and supporting the implementation. It really was a partnership of sharing best practices and ideas between the vendor and the County.

Describe any feedback (positive or negative) received from poll officials about the system. **Change management was a concern as we were changing equipment and vendors, but the election boards successfully managed that change and had positive feedback of their experiences.**

Describe any feedback (positive or negative) received from voters about the system. **The overall system for voting did not change as it was paper based, we did receive positive feedback from voters who used the FVT.**

Do you feel like you have gotten your money's worth for the system? **Yes.**

Would you recommend this system for use in other jurisdictions? **Yes.**

# **Everyone Votes/Votem**

**January 14, 2019**

- **Shelby County Update**
- **Request for Statewide Approval**

**Presenter:**

Cheryl Clarke, Votem

# Certification Procedures for Voter Registration Systems In Tennessee 2017 Updates

Before a voter registration system may be sold in Tennessee, the Coordinator of Elections and the State Election Commission must certify the voter registration system. These systems include, but may not be limited to, voter registration management and election management systems. In determining whether a voter registration system may be certified, the Coordinator of Elections and the State Election Commission shall consider, at a minimum, the following:

- (1) The compatibility of the voter registration system with any statewide system being operated by the Secretary of State's office;
- (2) The history of ethical conduct in the sales of the voter registration system by the manufacturer or seller; and
- (3) The ability of the manufacturer or seller of the voter registration system to provide adequate professional assistance and service to the counties of Tennessee.

The following are the steps to be followed to certify a voter registration system for purchase and use in Tennessee:

## **Step 1:**

Any interested vendor must submit a written request to the Coordinator of Elections and State Election Commission requesting certification of the voter registration company and system. The request should include documentation to support the company and the system. At a minimum, the vendor must provide to the Coordinator of Elections and the State Election Commission evidence of the following:

- I. **Vendor Documentation** - The vendor must supply background information concerning the parent company. This information must be presented to the Coordinator of Elections and the State Election Commission in written form. The document submitted must include the information outlined below as minimal.
  - A. Company Overview
    1. Description
    2. Form of Business - sole proprietor, partnership, corporation, etc.
    3. Office locations
    4. Size/type of staff
    5. Products and services offered
    6. Financial report
  - B. Client Base
    1. Estimated number of clients served in the last 10 years
    2. List of 3 client referrals (preferably of users of the voter registration system)
- II. **System Documentation** - The vendor must supply information concerning the voter registration system. This information must be presented to the Coordinator of Elections and the State Election Commission in a written form. At a minimal, the document submitted must include the information outlined below:
  - A. Years in production
  - B. Growth of the system
  - C. Functions performed by the system
  - D. Number of installations in production
  - E. Support staff provided for installation and support
  - F. Hardware and software requirements

**Step 2:**

Following the receipt of the request to certify a voter registration system, the Coordinator of Elections will send to the vendor an "Electoral System Specifications Manual" and preparations for a demonstration of the system will begin.

- I. **Review of the "Electoral System Specifications Manual"** - The vendor must review the requirements found in the "Electoral System Specifications Manual" and ensure that the software and operations system of the voter registration system seeking certification meets the minimum requirements listed in the manual
- II. **Demonstration** - A demonstration of the system must be performed. The system is expected to minimally perform to the specifications outlined in the "Electoral System Specifications Manual." Additional functions, not outlined in the manual, may be demonstrated. The Coordinator of Elections and Elections System Administrator must be present at the demonstration. The demonstration should be held in an office or conference room within or near the office of the Coordinator of Elections. Requests for alternate locations must be approved by the Coordinator of Elections.

**Step 3:**

After the demonstration, the product must be placed on the agenda for a presentation the State Election Commission. The Coordinator of Elections and the State Election Commission will determine whether the voter registration system may be certified. A vendor's status is considered certified or not certified. Categories of pending or partial certification do not exist.

- I. **Notice of Certification** - The vendor will be notified in writing of the certification. Once a vendor has been certified, all actual purchasing decisions are made by the individual counties rather than the state government.
- II. **Notice of Denial of Certification** - In the event that the vendor's system is not certified, documentation will be supplied to the vendor outlining system deficiencies. Any vendors not certified may request another demonstration. The request for another demonstration may be accepted at the discretion of the Coordinator of Elections and the State Election Commission.

**Step 4:**

- I. **Required Revisions** - Certification criteria will require modification due to Federal or State Legislative decisions. Vendors are not required to reapply for certification, but are expected to make the appropriate system modifications for all locations within in a reasonable period of time for the counties. Failure to make the required system modifications may result in decertification.
- II. **Evaluations** - Voter Registration systems in use throughout the State of Tennessee will be periodically evaluated to insure compliance to the certification specification requirements and insure continued service and support is maintained to assist County Election Commission offices to perform the system functions defined by the documentation (original and updates) of the system.

Correspondence for the Coordinator of Elections and the State Election Commission must be sent to the following address:

Coordinator of Elections Office  
312 Rosa L. Parks Avenue  
7<sup>th</sup> Floor, William R. Snodgrass Tower  
Nashville, TN 37243

Any questions may be directed to the Coordinator of Election's office at (615) 741-7956.

## Code of Conduct for County Election Commission Members and Administrators of Elections

County Election Commission members and Administrators of Elections are expected to faithfully and impartially discharge the duties of their office in order to conduct fair and trustworthy elections. The actions and conduct of the County Election Commission members and the Administrator of Elections impact the integrity of the election process. To further the interest of instilling confidence in the electoral process, while performing election commission duties, specifically during office hours or during election commission meetings, County Election Commission members and Administrators of Elections must observe and follow the Code of Conduct as described below:

1. Comply with existing laws governing the conduct of elections in Tennessee;
2. Implement the election laws in a fair and impartial manner;
3. Demonstrate impartiality and fairness to all voters, political parties, candidates and their representatives and all members of the public;
4. Refrain from circulating or signing a petition for any candidate, initiative, or referendum;
5. Refrain from making disparaging or supportive comments or remarks about candidates or issues on the ballot, including but not limited to writing letters to the editor of a newspaper or posting comments on an internet blog; Facebook, Twitter, Instagram or any other social media, or participating in any way with direct mail, TV, radio, or other forms of communication in favor of or against any candidate or ballot referendum, identifying your position as a County Election Commission member or Administrator of Elections;
6. Avoid-Not wearing, carrying or displaying any sign, symbol or slogan that is connected to a candidate in a primary election;
7. Protect the secrecy of each voter's ballot;
8. Refrain from-Not to accepting or donating directly or indirectly any monitory-monetary gift or any other valuable thing from any candidate, candidate representative, ballot issue referendum, or vendor, including but not limited to hosting fundraisers, or participating on a fundraising committee;
9. Refrain-Not to from providing provide favors or divulging-divulge information which may be advantageous to candidates, or political parties, or ballot issues, unless such favor or information is provided to all candidates and political parties;
10. Refrain from-Not to participating-participate in the consideration of any election commission decisions involving immediate family members whose names appear on the ballot; and
11. Conduct all duties in a professional manner;
12. Once filed, voter registration forms may not be taken from the county election commission office by a County Election Commission member or an Administrator of Elections for review.
13. Election Commission members should refrain from sponsoring or attending candidate fundraising events or involvement any activity that may provide the appearance of supporting an individual candidate. (From League of Women Voters)
- 14.

Violations of the Code of Conduct may result in disciplinary actions in accordance with the State Election Commission's statutory authority under Tenn. Code Ann. § 2-12-101, including removal of a county election commission member or decertification of a certified Administrator of Elections.

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President January 4, 2019

**Marian Ott**  
Nashville

Mark Goins  
Coordinator of Elections  
Division of Elections  
Office of Tennessee Secretary of State Tre Hargett  
312 Rosa L. Parks Ave., 7th Floor

1<sup>st</sup> Vice President  
**Debra Gould**  
Nashville

2nd Vice President  
**Rynn Dupes**  
Knoxville

William R. Snodgrass Tower  
Nashville, TN 37243

RE: Draft Code of Conduct for County Election Commission Members

Secretary  
**Judy Poulson**  
Knoxville

Dear Mark:

Treasurer  
**Lee Fairbend**  
Nashville

At the last meeting of the Tennessee Election Commission you presented a draft copy for the board members to review a Code of Conduct for County Election Commission Members. The League of Women Voters of Tennessee concurs with you that a clearly stated code of conduct is important for all county election commissions.

DIRECTORS

**Shelley Ames**  
Hendersonville

It is important for the integrity of Tennessee's elections that the conduct of county election commissioners does not favor – or appear to favor – an individual candidate. We would recommend before the draft version is finalized that a provision be added to strengthen the impartiality of county election commissioners:

**Leslie Collum**  
Murfreesboro

Election commission members should refrain from sponsoring or attending candidate fundraising events or involvement in any activity that may provide the appearance of supporting an individual candidate.

**Barbara Gay**  
Nashville

**Katrina Gay**  
Hendersonville

(You have likely already corrected it, but there is a typo in Item 8; it should read *monetary gift.*)

**Sherry Hewlett**  
Memphis

Thank you for developing a code of conduct for county election commissioners. Having such a policy will further increase public confidence in Tennessee's elections.

**Claudia Lever**  
Oak Ridge

Sincerely,

**Jo Singer**  
Franklin

**Hazel Thornton**  
Nashville

Marian Ott  
President

Debra Gould  
Action and Advocacy Chair

**Peg Watkins**  
Memphis