

**Minutes**  
**State Election Commission Meeting**  
**April 3, 2023**

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The State Election Commission meeting was called to order by Chairman Kent Younce at 12:15 p.m., Central Daylight Time, April 3, 2023.

The following members and staff were present: Commissioners Barrett, Blackburn, Duckett, Eldridge, McDonald, Wheeler and Younce; Coordinator of Elections Mark Goins, Andrew Dodd, HAVA Attorney, Kathy Summers, Elections Specialist and Lena Russomanno, Executive Assistant.

Commissioner Eldridge made a motion to adopt the January 9, 2023, minutes, seconded by Commissioner McDonald. (Aye votes: Barrett, Blackburn, Duckett, Eldridge, McDonald, Wheeler and Younce; No votes: None; Abstention: None.)

Commissioner McDonald made a motion to adopt the January 31, 2023, telephonic meeting minutes, seconded by Commissioner Duckett. (Aye votes: Barrett, Blackburn, Duckett, Eldridge, McDonald, Wheeler and Younce; No votes: None; Abstention: None.)

Commissioner Blackburn made a motion pursuant to TCA. § § 2-12-101 and 2-12-106 to approve any nomination(s) for county election commission appointments submitted, and to leave the nomination process open until 4:30 p.m. Central Daylight Time, Monday, April 3, 2023, seconded by Commissioner Wheeler. (Aye votes: Barrett, Blackburn, Duckett, Eldridge, McDonald, Wheeler and Younce; No votes: None; Abstention: None.) **(See attached county election commission appointments made.)**

**Old Business**

- **Unisyn** – Request for approval of de minimis changes to OpenElect Voting System 2.2.2

Mark Carter, Tennessee Account Manager gave the presentation. Doug Beazer, Customer Service Manager participated by phone due to flight delays. **(See attached presentation and information provided by Unisyn.)**

Commissioner Blackburn made a motion to approve Unisyn 2.2.2 de minimis changes, seconded by Commissioner Wheeler. (Aye votes: Barrett, Blackburn, Duckett, Eldridge, McDonald, Wheeler and Younce; No votes: None; Abstention: None.)

**New Business**

- **Counties Receiving One Bid for New Voting Machines**

Commission members discussed receipt of only one bid for new voting machines in the below listed counties. **(See attached spreadsheet for a summary of vendor responses regarding bidding status.)**

- Bradley County
- Hawkins County
- Marshall County
- Scott County

Commission members discussed the bidding process with Coordinator Goins and HAVA Attorney Dodd.

- Review and Re-Certification of Voting Machines
  - ES&S
    - EVS 5.2.2.0
    - EVS 6.0.2.0
    - EVS 6.1.1.0
  - Hart InterCivic
    - Verity 2.5
  - MicroVote
    - Infinity EMS 4.4
  - Unisyn
    - OpenElect 2.0.A
    - OpenElect 2.2

Coordinator Goins stated Dominion Voting will have until December 2023 to be recertified.

Commissioner Wheeler made a motion to re-certify the above voting machines for certification in Tennessee, seconded by Commissioner Barrett. (Aye votes: Barrett, Blackburn, Duckett, Eldridge, McDonald, Wheeler and Younce; No votes: None; Abstention: None.)

- Set State Election Commission Meeting for May 1, 2023, to Re-Organize and Elect Chairman and Secretary

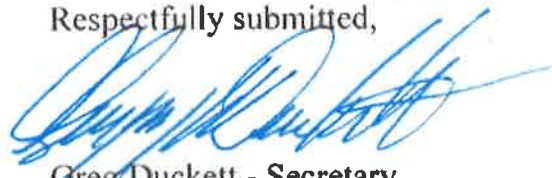
Commissioner Wheeler made a motion seconded by Barrett to hold the April 10, 2023, meeting telephonically and to set the re-organization meeting for May 1, 2023, at Noon. (Aye votes: Barrett, Blackburn, Duckett, Eldridge, McDonald, Wheeler and Younce; No votes: None; Abstention: None.)

#### Coordinator Update

- Coordinator Goins recognized Commissioner Wheeler and Commissioner Duckett for their years of service on the State Election Commission.

The next scheduled meeting is set for May 1, 2023, at 12:00 Noon, Central Standard Time in the William R. Snodgrass – TN Tower Conference Center.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Greg Duckett", is written over the typed name.

Greg Duckett - Secretary  
State Election Commission

# State of Tennessee



**State Election Commission**  
312 Rosa L. Parks Avenue, 7th Floor  
Nashville, Tennessee 37243-1102

## Holdover Status

*April 3, 2023*

		Appointment	Reappointment
<b>Cheatham</b>	R Donna Barrett / D Mike McDonald		
	R Todd Ford	10/10/2022	10/10/2022
	R Nanette Jane Malher	10/7/2019	4/5/2021
	R Elke McLeroy	4/6/2009	4/27/2021
<b>Dickson</b>	R Donna Barrett / D Greg Duckett		
	R Chad Murphy	7/10/2017	4/5/2021
	R Amber Lynn Smotherman	12/12/2017	4/5/2021
	R Timothy Bryan White	4/15/2013	4/5/2021
<b>Hamilton</b>	R Judy Blackburn / D Tom Wheeler		
	D Secondra Diane Meadows	2/1/2018	4/5/2021
<b>Humphreys</b>	R Donna Barrett / D Greg Duckett		
	R Dyan M. (Farmer) Hatcher	4/7/1997	4/5/2021
	R James (Jimmy) E. Stevens , Jr.	4/3/2017	4/5/2021
	R Chad Vaughn	4/15/2013	4/5/2021
<b>Sequatchie</b>	R Donna Barrett / D Mike McDonald		
	R Rickey L. Hickman	4/4/2011	4/5/2021
	R Mary Frances Hixson	4/3/1995	4/5/2021
	R Quay B. Tate	4/6/2009	4/5/2021
<b>Total Holdovers: 13</b>			

# State of Tennessee



State Election Commission  
312 Rosa L. Parks Avenue, 7th Floor  
Nashville, Tennessee 37243-1102

## New Appointment Status

April 3, 2023

		Appointment
<b>Anderson</b>	R Kent Younce / D Tom Wheeler	
	R William Thomas Gallaher	4/3/2023
	R Debra Jane Miller	4/3/2023
	R Joseph F. Rainey	4/3/2023
	D Mary Matheny	4/3/2023
	D William E. (Bear) Stephenson	4/3/2023
<b>Bedford</b>	R Donna Barrett / D Mike McDonald	
	R Maleah Kacy Claxton	4/3/2023
	R Daniel Joe Robbins	4/3/2023
	R Bob Wayne York	4/3/2023
	D Connie Crafton	4/3/2023
	D Joe Wayne Tucker	4/3/2023
<b>Benton</b>	R Donna Barrett / D Greg Duckett	
	R Barry Carl Hughart	4/3/2023
	R Deborah Ann Kyle	4/3/2023
	R George Fredrick (Fred) Libby, Jr.	4/3/2023
	D Donna Melton	4/3/2023
	D Bobby Plant	4/3/2023
<b>Bledsoe</b>	R Kent Younce / D Tom Wheeler	
	R Wade Lee Kelly	4/3/2023
	R Robert Steven Standefer	4/3/2023
	R Judy O. Swafford	4/3/2023
	D Edward L. Boring	4/3/2023
	D Charles T. (Tommy) Nipper	4/3/2023

**Appointment****Blount**

R Judy Blackburn / D Tom Wheeler

R	H. Larry Garner	4/3/2023
R	Patsy T. Lunde	4/3/2023
R	William R. (Rick) Shepard	4/3/2023
D	Robert L. Carroll	4/3/2023
D	Dan McCord , Jr.	4/3/2023

**Bradley**

R Judy Blackburn / D Tom Wheeler

R	Travis D. Henry	4/3/2023
R	Arthur (Art) D. Rhodes	4/3/2023
R	Cristy L. Schuch	4/3/2023
D	Dana C. Burgner	4/3/2023
D	Kezmond D. Pugh	4/3/2023

**Campbell**

R Kent Younce / D Tom Wheeler

R	Jamie Lynette Mundy Ball	4/3/2023
R	Brent Tyler McNeeley	4/3/2023
R	Charles Brian Younce	4/3/2023
D	Oscar Fredrick	4/3/2023
D	Dean Sexton	4/3/2023

**Cannon**

R Kent Younce / D Mike McDonald

R	Dottie Jernigan Baskin	4/3/2023
R	Susan Eileen Conley	4/3/2023
R	Thomas W. Ganoe	4/3/2023
D	Joan Banks-Shirley	4/3/2023
D	Sue H. Patrick	4/3/2023

**Carroll**

R Jimmy Eldridge / D Greg Duckett

R	Julia A. Blanks	4/3/2023
R	Ronald R. Reiter	4/3/2023
R	Linda Wallace	4/3/2023
D	Michael Corrado	4/3/2023
D	Michael Tate	4/3/2023

**Carter**

R Judy Blackburn / D Tom Wheeler

R	Teresa Murray Smith	4/3/2023
R	Junior E. Stanley	4/3/2023
R	Thomas (Tom) Whitehead	4/3/2023
D	Wayne Smith	4/3/2023
D	Diane Wilde	4/3/2023

**Cheatham**

R Donna Barrett / D Mike McDonald

D	Wilson B. Bell	4/3/2023
D	Marshall Bruce Gibbs	4/3/2023

**Appointment****Chester**

R Jimmy Eldridge / D Greg Duckett

R Bill (Billy) J. Moore	4/3/2023
R Stephen H. Morris	4/3/2023
R Patsy Weatherington	4/3/2023
D Kelley (KB) Doyle	4/3/2023
D Sylvia Flowers	4/3/2023

**Claiborne**

R Kent Younce / D Tom Wheeler

R Terry England	4/3/2023
R Anthony Dion Mountain	4/3/2023
R Brian Michael Pendleton	4/3/2023
D Bradford Davis	4/3/2023
D Nancy Harrell Hansard	4/3/2023

**Clay**

R Kent Younce / D Mike McDonald

R Deborah (Debbie) Burnette	4/3/2023
R William Timothy McLerran	4/3/2023
R Larry Smith	4/3/2023
D Ronald D. Bailey	4/3/2023
D Henry (Buddy) L. Thompson	4/3/2023

**Cocke**

R Judy Blackburn / D Tom Wheeler

R Charlotte Thomas Leibrock	4/3/2023
R Vaughn Lewis Moore	4/3/2023
R Connor Ward Williams	4/3/2023
D Vickie J. Moore	4/3/2023
D Stephen V. Stokely	4/3/2023

**Coffee**

R Donna Barrett / D Mike McDonald

R William (Bill) Bates	4/3/2023
R Larry Dee McIntosh	4/3/2023
R Emily Carson Thoma	4/3/2023
D Barbara West Arp	4/3/2023
D Carol Abel Berthay	4/3/2023

**Crockett**

R Jimmy Eldridge / D Greg Duckett

R Ralph Lee Carnell	4/3/2023
R Justin Andrew (Andy) Cole	4/3/2023
R Chad Ray Hutchison	4/3/2023
D Tiffany D. Nance	4/3/2023
D Patricia Warren	4/3/2023

**Appointment****Cumberland**

R Kent Younce / D Mike McDonald

R Mary (Linda) Baehr-Caldwell	4/3/2023
R Linda Gail Bottoms	4/3/2023
R James A. Petty	4/3/2023
D Cindy Cooper	4/3/2023
D Lisa H. Phillips	4/3/2023

**Davidson**

R Donna Barrett / D Mike McDonald

R Will "Butch" Burns	4/3/2023
R Daniel Kirk Davis	4/3/2023
R James A. DeLanis	4/3/2023
D Tricia R. Herzfeld	4/3/2023
D Ausbon J. Starling	4/3/2023

**Decatur**

R Jimmy Eldridge / D Greg Duckett

R Grafton Dodd	4/3/2023
R Kurt Holbert	4/3/2023
R Chelsey Sparks	4/3/2023
D Robert Lynn Brasher	4/3/2023
D Lisa A. Brasher	4/3/2023

**Dekalb**

R Kent Younce / D Mike McDonald

R Michael Brandon Gay	4/3/2023
R Loree Farmer Hall	4/3/2023
R Ronald Dean Sifford	4/3/2023
D Yvette Tubbs Carver	4/3/2023
D Kim Driver Luton	4/3/2023

**Dickson**

R Donna Barrett / D Greg Duckett

D Dean Daniel	4/3/2023
D Patricia S. "Sissie" Driver	4/3/2023

**Dyer**

R Jimmy Eldridge / D Greg Duckett

R Joe M. Enoch	4/3/2023
R Aleece Wolfe Jackson	4/3/2023
R Eric J. Maupin	4/3/2023
D Louis Toombs	4/3/2023
D Larry G. Williams	4/3/2023

**Fayette**

R Jimmy Eldridge / D Greg Duckett

R Harris Alexander Armour , IV	4/3/2023
R Gloria N. Jones	4/3/2023
R Sylvan Meyer	4/3/2023
D Ernestine P. Brown	4/3/2023
D Maxine K. Middlecoff	4/3/2023

**Appointment****Fentress**

R Kent Younce / D Tom Wheeler

R	Valerie Dawn Jones	4/3/2023
R	Richard Alan Rader	4/3/2023
R	Jack L. Upchurch	4/3/2023
D	Rodney W. Foy	4/3/2023
D	Vickie Ann McDonald	4/3/2023

**Franklin**

R Donna Barrett / D Mike McDonald

R	Lisa D. Mason	4/3/2023
R	Daniel (Dan) James Sidley	4/3/2023
R	Joy C. Spencer	4/3/2023
D	Andy Groves	4/3/2023
D	Patty Priest	4/3/2023

**Gibson**

R Jimmy Eldridge / D Greg Duckett

R	Sam Gregory	4/3/2023
R	Tim Luckey	4/3/2023
R	Kim Gordon Todd	4/3/2023
D	Joseph William Albright	4/3/2023
D	James Kaleb Dinwiddie	4/3/2023

**Giles**

R Donna Barrett / D Greg Duckett

R	Kathy Martin Bassham	4/3/2023
R	Shara Ann Flacy	4/3/2023
R	Steven Christopher "Chris" Morris	4/3/2023
D	Judy C. Mitchell	4/3/2023
D	Maxie Trotter	4/3/2023

**Grainger**

R Judy Blackburn / D Tom Wheeler

R	Ronnie Cabbage	4/3/2023
R	Terry Johnson	4/3/2023
R	Tina Stratton Morrow	4/3/2023
D	Kathy Winstead Dunsmore	4/3/2023
D	George Brett Powers	4/3/2023

**Greene**

R Judy Blackburn / D Tom Wheeler

R	Matthew L. Hensley	4/3/2023
R	Charles L. Johnson	4/3/2023
R	Latasha Wisecarver Keller	4/3/2023
D	Charlena Kendrick Dean	4/3/2023
D	William Theodore Edmonds	4/3/2023

**Appointment****Grundy**

R Donna Barrett / D Mike McDonald

R	Wayne H. Harris	4/3/2023
R	Vanessa Arlenn Kollaja	4/3/2023
R	Ashley Lynn Stoglin Meeks	4/3/2023
D	Michael D. Gipson	4/3/2023
D	Louie R. Ladd	4/3/2023

**Hamblen**

R Judy Blackburn / D Tom Wheeler

R	Ernest F. Horner	4/3/2023
R	Donna Coffman Pless	4/3/2023
R	E. C. Reed , Jr.	4/3/2023
D	Gayle H. Bruce	4/3/2023
D	Steve Lawrence	4/3/2023

**Hamilton**

R Judy Blackburn / D Tom Wheeler

R	Ruth H. Braly	4/3/2023
R	Joseph Christopher Clem	4/3/2023
R	Michael S. Walden	4/3/2023
D	Carl Eugene (Gene) Shiles , Jr.	4/3/2023

**Hancock**

R Judy Blackburn / D Tom Wheeler

R	Tommy C. Belcher , Sr.	4/3/2023
R	Harold Dean Ramsey	4/3/2023
R	Tony H. Seal	4/3/2023
D	Geneva Anderson	4/3/2023
D	Robert W. Greer	4/3/2023

**Hardeman**

R Jimmy Eldridge / D Greg Duckett

R	Carl W. Gibson	4/3/2023
R	Mildred (Joan) W. Henderson	4/3/2023
R	Donald L. Young	4/3/2023
D	James Earl Hicks	4/3/2023
D	Sharolyn Jane Mitchell	4/3/2023

**Hardin**

R Jimmy Eldridge / D Greg Duckett

R	Rhonda K. Cagle	4/3/2023
R	John H. White , III	4/3/2023
R	Bruce Wayne Williams	4/3/2023
D	Rosa Lynn Morris	4/3/2023
D	William S. Sharp	4/3/2023

**Hawkins**

R Judy Blackburn / D Tom Wheeler

R	Daniel Shane Bailey	4/3/2023
R	Nancy W. Point	4/3/2023
R	Ginger Shackelford	4/3/2023
D	Jennie Carter	4/3/2023
D	Karen Givens	4/3/2023

**Appointment****Haywood**

R Jimmy Eldridge / D Greg Duckett

R Jody Thomas Lea , Sr.	4/3/2023
R David R. Mann	4/3/2023
R Macon Regen Thornton	4/3/2023
D John D. Ashworth	4/3/2023
D Ida Ruth Bradford	4/3/2023

**Henderson**

R Jimmy Eldridge / D Greg Duckett

R Melba J. Johnson	4/3/2023
R William "Bill" R. Martin	4/3/2023
R Margaret D. Milam	4/3/2023
D Austin Corbin , III	4/3/2023
D Joseph E. Parker , Sr.	4/3/2023

**Henry**

R Jimmy Eldridge / D Greg Duckett

R Randy E. Geiger	4/3/2023
R Steve Goggans	4/3/2023
R Arthur Conrad Smith, Jr.	4/3/2023
D Ronnie Herman	4/3/2023
D Sylvia C. Humphreys	4/3/2023

**Hickman**

R Donna Barrett / D Greg Duckett

R Roy L. Cochran	4/3/2023
R Roy M. A. Crews	4/3/2023
R Ronald Steven Hethcote	4/3/2023
D Brenda Burchard	4/3/2023
D Kimberly A. Walker	4/3/2023

**Houston**

R Donna Barrett / D Greg Duckett

R Patricia G. Mallory	4/3/2023
R John Bennett Millard	4/3/2023
R Timothy (Tim) Earl Settles	4/3/2023
D Mike Black	4/3/2023
D Florida Robinson	4/3/2023

**Humphreys**

R Donna Barrett / D Greg Duckett

D Jess S. Bowen , III	4/3/2023
D Matthew Goins	4/3/2023

**Jackson**

R Kent Younce / D Mike McDonald

R James Anthony Pappas , Jr.	4/3/2023
R Shirley Ann Henry	4/3/2023
R Larry Jack Williams	4/3/2023
D Judy Neal Hardegree	4/3/2023
D Barbara Hix	4/3/2023

**Appointment****Jefferson**

R Judy Blackburn / D Tom Wheeler

R Paula Rugel Gibson	4/3/2023
R John F. (Jack) Kramer , Jr.	4/3/2023
R Phyllis J. McCracken	4/3/2023
D Arlie C. (A.C.) Carr	4/3/2023
D Betty S. Watkins	4/3/2023

**Johnson**

R Judy Blackburn / D Tom Wheeler

R Mike James Fritts	4/3/2023
R Michael J. Pleasant	4/3/2023
R Eric Taylor	4/3/2023
D Brenda Dishman Eggers	4/3/2023
D Sherry L. Huffman	4/3/2023

**Knox**

R Judy Blackburn / D Tom Wheeler

R Robert (Bob) L. Bowman	4/3/2023
R Hannah Lee Hopper	4/3/2023
R James Edward (Eddie) Smith	4/3/2023
D Julie Gautreau	4/3/2023
D Adronicus Thomas	4/3/2023

**Lake**

R Jimmy Eldridge / D Greg Duckett

R Ronnie Hays	4/3/2023
R Patricia (Pat) Leake	4/3/2023
R Stephen Parks	4/3/2023
D Oma Gardner	4/3/2023
D Robert Griffin	4/3/2023

**Lauderdale**

R Jimmy Eldridge / D Greg Duckett

R William (Billy) Harmon	4/3/2023
R Alexis Hurt	4/3/2023
R Deborah S. Jenkins	4/3/2023
D Gwendolyn C. Blackman	4/3/2023
D Tracie L. Canfield	4/3/2023

**Lawrence**

R Donna Barrett / D Greg Duckett

R William "Keith" Durham	4/3/2023
R James "Jim" Stribling Looney , II	4/3/2023
R Chris F. Stutts	4/3/2023
D Chris D. Jackson	4/3/2023
D Stanley Eugene Watkins	4/3/2023

**Appointment****Lewis**

R Donna Barrett / D Greg Duckett

R Rebecca Lynne Rawdon	4/3/2023
R David L. Thomas , Jr.	4/3/2023
R Caleb D. Thomas	4/3/2023
D Robin U. Davis	4/3/2023
D Frankie G. Floied	4/3/2023

**Lincoln**

R Donna Barrett / D Mike McDonald

R Karen Jean Avilla	4/3/2023
R Dan Earl Long	4/3/2023
R Roger Dale Thomas	4/3/2023
D William Edward Locke	4/3/2023
D Robert E. (Eddie) Wilson	4/3/2023

**Loudon**

R Judy Blackburn / D Tom Wheeler

R Leo A. Bradshaw	4/3/2023
R James Larry Jamerson	4/3/2023
R Frankie Shields	4/3/2023
D Andrew Bennett	4/3/2023
D Beverly A. Sweeney	4/3/2023

**Macon**

R Kent Younce / D Mike McDonald

R Brenda Gale Coley	4/3/2023
R Glen Harold Donoho	4/3/2023
R Harold M.(Kenny) Kemp	4/3/2023
D Michael David McClard	4/3/2023
D Sherri Sircy	4/3/2023

**Madison**

R Jimmy Eldridge / D Greg Duckett

R William M. (Mike) Bledsoe	4/3/2023
R Charles Byrd	4/3/2023
R Timothy Eugene Wilson	4/3/2023
D Lovette Brooks	4/3/2023
D Wendy Trice Martin	4/3/2023

**Marion**

R Donna Barrett / D Mike McDonald

R Vanessa Kay Blevins	4/3/2023
R Robert Russell "Russ" Hood	4/3/2023
R David Lee Riley	4/3/2023
D C. Shawn Henson	4/3/2023
D Anita Y. Tipton	4/3/2023

**Appointment****Marshall**

R Donna Barrett / D Mike McDonald

R Charles Edward Evans	4/3/2023
R Janet Ritz Heckle	4/3/2023
R David Lee Trinkle	4/3/2023
D Chundra L. (Cee Cee) Davis	4/3/2023
D Barbara Woods	4/3/2023

**Maury**

R Donna Barrett / D Mike McDonald

R Linda LeeBron	4/3/2023
R Homer Lee "Buddy" Roberts , Jr.	4/3/2023
R Patricia (Tricia) Ann Stickel	4/3/2023
D Cara Elizabeth Lynn	4/3/2023
D James Leon York , Jr.	4/3/2023

**McMinn**

R Judy Blackburn / D Tom Wheeler

R Stephen Miller	4/3/2023
R Amber M. Robinson	4/3/2023
R Matthew Todd Watson	4/3/2023
D Bobby J. Goodman	4/3/2023
D Brenda Ratledge	4/3/2023

**McNairy**

R Jimmy Eldridge / D Greg Duckett

R Penny Evans Carroll	4/3/2023
R Robert Wayne Henry	4/3/2023
R Timothy W. Mast	4/3/2023
D Wayne Elam	4/3/2023
D Martha Ann Glover	4/3/2023

**Meigs**

R Judy Blackburn / D Tom Wheeler

R Johnny R. Aikman	4/3/2023
R Melvin Holmes , Jr.	4/3/2023
R Vance William Hughes	4/3/2023
D Thomas E. Creasman	4/3/2023
D Patricia S. Harris	4/3/2023

**Monroe**

R Judy Blackburn / D Tom Wheeler

R Alan Hawkins	4/3/2023
R Dwayne Martin	4/3/2023
R Charles E. Ridenour	4/3/2023
D David Hester	4/3/2023
D Jeffrey Hicks	4/3/2023

**Appointment****Montgomery**

R Donna Barrett / D Mike McDonald

R	Brenda Lewis Graham	4/3/2023
R	Ricky John Longton	4/3/2023
R	Sue Ellen Yates	4/3/2023
D	Lee Ellen Beach	4/3/2023
D	Robert Darrell Lewis	4/3/2023

**Moore**

R Donna Barrett / D Mike McDonald

R	Daniel P. Boshers	4/3/2023
R	Lorraine Elam Carter	4/3/2023
R	James Edward "Eddie" Mincher	4/3/2023
D	Gary Michael Russell	4/3/2023
D	Raby Glen Thomas	4/3/2023

**Morgan**

R Kent Younce / D Tom Wheeler

R	John Dean Pemberton	4/3/2023
R	Kathy Ann Carroll	4/3/2023
R	Gary Wayne Massengill	4/3/2023
D	Mike Gunter	4/3/2023
D	Sarah Mae Seavers	4/3/2023

**Obion**

R Jimmy Eldridge / D Greg Duckett

R	James Michael Daniel	4/3/2023
R	Robert C. Joyner	4/3/2023
R	David K. Parks	4/3/2023
D	John Algee	4/3/2023
D	Paige Burcham Dennis	4/3/2023

**Overton**

R Kent Younce / D Mike McDonald

R	Bethel Jean Cox	4/3/2023
R	Kelly Hull	4/3/2023
R	Cathryn McNeely-Murphy	4/3/2023
D	Jack R. Kirby	4/3/2023
D	Cassius Clay (Sonny) Parsons, III	4/3/2023

**Perry**

R Donna Barrett / D Greg Duckett

R	Robert J. Erisman ,II	4/3/2023
R	Brent Hinson	4/3/2023
R	Terry Richardson	4/3/2023
D	Linda Krueger	4/3/2023
D	Wylie Wayne Swindle	4/3/2023

**Appointment****Pickett**

R Kent Younce / D Mike McDonald

R	Jeffery W. Massiongale	4/3/2023
R	Rex Melton	4/3/2023
R	Gary Thomas Winningham	4/3/2023
D	Frank C. Capps	4/3/2023
D	Fred Martin Elder	4/3/2023

**Polk**

R Judy Blackburn / D Tom Wheeler

R	Lita Esquince	4/3/2023
R	Robert Earl Tipton	4/3/2023
R	James Robert Woody	4/3/2023
D	Cecil Harden	4/3/2023
D	Joseph M. York	4/3/2023

**Putnam**

R Kent Younce / D Mike McDonald

R	Philip Duane Adams	4/3/2023
R	Michael Clinton Detwiler , Jr.	4/3/2023
R	David Alan Dukes	4/3/2023
D	Linda Ann Daniel	4/3/2023
D	Amos Scott Powers	4/3/2023

**Rhea**

R Kent Younce / D Tom Wheeler

R	Katherine Robinson Griffin	4/3/2023
R	Frank Stephen Snyder	4/3/2023
R	Sam Swafford	4/3/2023
D	Sheri Lyn Jones	4/3/2023
D	Dean Sparks	4/3/2023

**Roane**

R Kent Younce / D Tom Wheeler

R	Willis Troy Beets	4/3/2023
R	Anthony Frank Kirkland	4/3/2023
R	James Robert Ryans	4/3/2023
D	Celia F. Simon	4/3/2023
D	James L. Watts	4/3/2023

**Robertson**

R Donna Barrett / D Mike McDonald

R	Sharon G. Hargraves	4/3/2023
R	Raymond E. Knowles	4/3/2023
R	Joe Terry Shows , Jr.	4/3/2023
D	Andrew C. Heard	4/3/2023
D	Patricia A. Morris	4/3/2023

**Appointment****Rutherford**

R Donna Barrett / D Mike McDonald

R Felicia A. Hix	4/3/2023
R William Ransom Jones	4/3/2023
R William Richard Reeves	4/3/2023
D Melbra Renee Rachell	4/3/2023
D Judy Gail Whitehill	4/3/2023

**Scott**

R Kent Younce / D Tom Wheeler

R Susan Ramona Dunlap	4/3/2023
R Fred Marcum	4/3/2023
R Michael W. Slaven	4/3/2023
D Jacob Boshears	4/3/2023
D Jobe Jeffers	4/3/2023

**Sequatchie**

R Donna Barrett / D Mike McDonald

D Jan Baxter Johnson	4/3/2023
D Carolyn Miles Sims	4/3/2023

**Sevier**

R Judy Blackburn / D Tom Wheeler

R Tommy McGaha	4/3/2023
R Carl R. (Ray) Mull	4/3/2023
R Joe Fred Newman	4/3/2023
D James W. "Jim" Rugh	4/3/2023
D Thomas L. Wagner	4/3/2023

**Shelby**

R Jimmy Eldridge / D Greg Duckett

R Mark Luttrell	4/3/2023
R Stavro (Steve) Stamson	4/3/2023
R Frank Uhlhorn	4/3/2023
D Vanecia Belser Kimbrow, Esq.	4/3/2023
D Andre Wharton	4/3/2023

**Smith**

R Kent Younce / D Mike McDonald

R Robert (Rob) Andre Goodrow	4/3/2023
R Herman Wesley Rigsby	4/3/2023
R Steven Ronald Willbur	4/3/2023
D Daniel Thomas Hawthorne	4/3/2023
D Andrea (Anne) Denise Waggoner	4/3/2023

**Stewart**

R Jimmy Eldridge / D Greg Duckett

R Hope Anglin	4/3/2023
R Timothy Borens	4/3/2023
R Robert J. Girndt	4/3/2023
D Jane Bagwell	4/3/2023
D Rita Tinsley	4/3/2023

**Appointment****Sullivan**

R Judy Blackburn / D Tom Wheeler

R	Gerald H. Cassell	4/3/2023
R	James W. Holmes	4/3/2023
R	George T. Morton	4/3/2023
D	Leslie B. Carr	4/3/2023
D	Elizabeth (Betsy) M. Shine	4/3/2023

**Sumner**

R Donna Barrett / D Mike McDonald

R	Miles Allen Ehmling	4/3/2023
R	John Michael "Mike" Fussell	4/3/2023
R	Jeffery B. Hulsey	4/3/2023
D	Patricia Dianne Collins	4/3/2023
D	Denise Dunn Shepherd	4/3/2023

**Tipton**

R Jimmy Eldridge / D Greg Duckett

R	Mary Kay Bergen	4/3/2023
R	James A. Vandergrift ,Jr.	4/3/2023
R	Kerry Williams	4/3/2023
D	Christopher Brent	4/3/2023
D	Letitia P. Wilson	4/3/2023

**Trousdale**

R Kent Younce / D Mike McDonald

R	David R. Baldwin	4/3/2023
R	Allison Barton	4/3/2023
R	Sherry Baxley	4/3/2023
D	Ronald Kent Moreland , II	4/3/2023
D	Phillip Allen Taylor	4/3/2023

**Unicoi**

R Judy Blackburn / D Tom Wheeler

R	Roland D. Bailey	4/3/2023
R	Connie Lynne Buchanan	4/3/2023
R	Thomas M. Reeves	4/3/2023
D	William (Bill) Beckman	4/3/2023
D	Marvin H. Rogers	4/3/2023

**Union**

R Kent Younce / D Tom Wheeler

R	Carl Jackson (Jack) Effler	4/3/2023
R	Kyle Richardson	4/3/2023
R	Ricky Lyn Walker	4/3/2023
D	Jeffrey C. Collins	4/3/2023
D	Kenneth Rodney Malone	4/3/2023

**Appointment****Van Buren**

R Kent Younce / D Mike McDonald

R	Jerry Dwayne Hodges	4/3/2023
R	Walter Kurt Powers	4/3/2023
R	Kathleen Eldridge Rogers	4/3/2023
D	Shirley M. Hitchcock	4/3/2023
D	Jerry Randolph Johns	4/3/2023

**Warren**

R Kent Younce / D Mike McDonald

R	Carol Ann Hobbs	4/3/2023
R	Raymond Alan McCay	4/3/2023
R	Bulon (Ben) E. Nixon , Jr.	4/3/2023
D	Patricia Joyce Davis	4/3/2023
D	Melvin Charles Yancy	4/3/2023

**Washington**

R Judy Blackburn / D Tom Wheeler

R	Gary McAllister	4/3/2023
R	Mary Lora Rosenoff	4/3/2023
R	John Abe Teague	4/3/2023
D	Margaret H. Davis	4/3/2023
D	Mike Elder	4/3/2023

**Wayne**

R Jimmy Eldridge / D Greg Duckett

R	Joe Paul Bryant	4/3/2023
R	Jerry D. Pigg	4/3/2023
R	Dean Lindsey Stegall	4/3/2023
D	M. Elizabeth Duren	4/3/2023
D	Keri L. Mills	4/3/2023

**Weakley**

R Jimmy Eldridge / D Greg Duckett

R	Charles Kelley Swearingen	4/3/2023
R	Michael Keith Davis	4/3/2023
R	Ricka Blackwell McDonald	4/3/2023
D	Rachel A. Lovell	4/3/2023
D	Linda Ramsey	4/3/2023

**White**

R Kent Younce / D Mike McDonald

R	Charles Edward Greene	4/3/2023
R	Susan Kirby	4/3/2023
R	John William Shaffield , Jr.	4/3/2023
D	Waymon T. Haston	4/3/2023
D	James C. Leftwich	4/3/2023

**Appointment****Williamson**

R Donna Barrett / D Mike McDonald

R Robert "Bob" Dale Brown

4/3/2023

R Donna Lynn Choate

4/3/2023

R Jonathan Duda

4/3/2023

D Wanda Bruce Graham

4/3/2023

D Rodney H. Williamson

4/3/2023

**Wilson**

R Kent Younce / D Mike McDonald

R Terry Ray Muncher

4/3/2023

R John Charles Pope

4/3/2023

R Elaine Sue Vanatta

4/3/2023

D Ronnie D. Kelley

4/3/2023

D Don Simpson

4/3/2023

**Total New Commissioners: 462**

## **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**

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**

- 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.



2310 Cousteau Court  
Vista, CA 92081, USA  
Telephone: 1 (760) 734-3233  
Fax: 1 (760) 598-0219

January 23, 2023

Mark Goins  
Director of Elections  
Office of Tennessee Secretary of State Tre Hargett  
Wm R. Snodgrass - Tennessee Tower, 7th Floor  
312 Rosa L. Parks Ave  
Nashville, TN 37243-1102

Please accept this letter as Unisyn Voting Solutions requests for approval on the following Deminimus changes on the OpenElect voting system.

This table depicts new ECO's approved with the voting system since the testing of the OpenElect 2.2 was approved by the EAC. The new version is OpenElect 2.2.2.

Change ID	Date	Component	Description
1025	2/24/22	OVO	New USB Drive as other unit was End of Life (EOL)
1026	2/24/22	FVS	New fan on Freedom Vote Scan (FVS) as prior model was End of Life (EOL)
17059	2/24/22	FVS	Ballot Diverter
17050	5/17/22	OVO	Concurrent Close Process
1027	7/26/22	FVS	New USB Drive and Memory as other unit was End of Life (EOL)
3476	7/28/22	OVO (Software)	Scanner Enable / Disable

Thank you in advance for your assistance with this matter.

Sincerely,

*Chris Ortiz*

Chris Ortiz  
Director of Operations

**Attachments:**

- ECO Write-Ups
- ECO Approvals



**U.S. ELECTION ASSISTANCE COMMISSION**  
**633 3rd St. NW, Suite 200**  
**Washington, DC 20001**

**February 24, 2022**

**Sent via e-mail**

**Chris Ortiz, Director, Business Development & Certification**  
**Unisyn Voting Solutions**  
**2310 Cousteau Court**  
**Vista, CA 92081**

**Re: ECO 1025**

**Dear Mr. Ortiz,**

**This correspondence is to inform you that Unisyn ECO UNS 1025 is approved.**

**Sincerely,**

A handwritten signature in black ink, appearing to read "Paul Aumayr".

**Paul Aumayr**  
**Senior Election Technology Specialist**

**Cc: Pro V&V**

**PRO V&V****ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM****Manufacturer:** Unisyn Voting Solutions**System:** OpenElect 2.2 Voting System**ECO Number:** 1025**ECO Description:** Updated Transport Media to next generation flash drive to 4GB from 1GB, which is no longer commercially available.**Overview:**

Added new 4GB USB Flash Drive (Model 3SE-4GB) as a replacement for the current 1GB part (Model 2SE-1GB) due to the current model no longer being commercially available for purchase.

Added Innodisk Model 3SE-4GB, Vendor Part Number DEUA1-04GI61SCASB-B088  
Removed Innodisk Model 2SE-1GB, Vendor Part Number DEUA1-01GI72AC1SB-B088

Update part number description:  
from: Flash Drive, USB, Industrial, 1GB  
to: Flash Drive, USB, Industrial, 4GB

Products Affected: OpenElect 2.2 Voting System

**Supporting Documentation:**

20220111104946010.pdf (Unisyn ECO)

**Engineering Recommendation:**

Technical Documentation Review performed for recommendation. Pro V&V determined replacement component is comparable to current component in form fit, and function; therefore, modification should not adversely affect system reliability, functionality, capability, or operation.

**Engineering Analysis: De Minimis – No Testing Required****Reviewer:**Wendy Owens

Printed Name

Wendy Owens

Signature

02/14/2022

Date

**Approver:**Michael L. Walker

Printed Name

Michael L. Walker

Signature

02/14/2022

Date



**U.S. ELECTION ASSISTANCE COMMISSION**  
**633 3rd St. NW, Suite 200**  
**Washington, DC 20001**

**February 24, 2022**

**Sent via e-mail**

**Chris Ortiz, Director, Business Development & Certification**  
**Unisyn Voting Solutions**  
**2310 Cousteau Court**  
**Vista, CA 92081**

**Re: ECO 1026**

**Dear Mr. Ortiz,**

**This correspondence is to inform you that Unisyn ECO UNS 1026 is approved.**

**Sincerely,**

A handwritten signature in black ink, appearing to read "Paul Aumayr".

**Paul Aumayr**  
**Senior Election Technology Specialist**

**Cc: Pro V&V**

**PRO V&V**



**ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM**

**Manufacturer:** Unisyn Voting Solutions

**System:** OpenElect 2.2 Voting System

**ECO Number:** 1026

**ECO Description:** Updated current fan manufacture to alternate manufacturer due to current model becoming unavailable for purchase.

**Overview:**

Added new fan (Anode JZ-0001) as a replacement for the current part (Intel E97379-003) due to the current model no longer being commercially available for purchase.

Added Anode JZ-0001  
Removed Intel E97379-003

Update part number description to: FAN and Heatsink, CPU G5400 LGA115x

Products Affected: OpenElect 2.2 Voting System, Freedom Vote Scan (FVS) Component

**Supporting Documentation:**

20220120082158365.pdf (Unisyn ECO)

**Engineering Recommendation:**

Technical Documentation Review performed for recommendation. Pro V&V determined replacement component is comparable to current component in form fit, and function; therefore, modification should not adversely affect system reliability, functionality, capability, or operation.

**Engineering Analysis: De Minimis – No Testing Required**

**Reviewer:**

Wendy Owens

Printed Name

Wendy Owens  
Signature

02/14/2022

Date

**Approver:**

Michael L. Walker

Printed Name

Michael L. Walker  
Signature

02/14/2022

Date



**U.S. ELECTION ASSISTANCE COMMISSION**  
**633 3rd St. NW, Suite 200**  
**Washington, DC 20001**

**May 17, 2022**

**Sent via e-mail**

**Chris Ortiz, Director, Business Development & Certification**  
**Unisyn Voting Solutions**  
**2310 Cousteau Court**  
**Vista, CA 92081**

**Re: ECO 17050**

**Dear Mr. Ortiz,**

**This correspondence is to inform you that Unisyn ECO UNS 17050 is approved.**

**Sincerely,**

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

---

**Paul Aumayr**  
**Senior Election Technology Specialist**

**Cc: Pro V&V**



## ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

**Manufacturer:** Unisyn Voting Solutions

**System:** OpenElect Voting Optical (OVO)

**ECO Number:** 17050

**ECO Description:** Prevent Concurrent Close processes

### Overview:

This OVO modification addresses the following field issue detected on the OVO module of the OpenElect version 2.2: It was observed that when "Close" cards are used to initiate the close session process on the OVO that when the "Close" card was returned to the operator, the scanner was not disabled. This opened the possibility for the "Close" card to be entered a second time and the potential of starting a second close process. Depending on the timing of these processes, if they occur concurrently (as opposed to sequentially) the close session process will generate a report which shows doubled vote counts and produces a tally.xml file that cannot be uploaded into the central tabulation system. This change will disable the scanner after the "Close" card is returned, preventing the opportunity of creating a secondary close session process. To address the issue, Unisyn is recommending two changes in ReaderClient.java in a single method: processData(). The first change is the addition of a single line of code that sets an existing system flag that tells the OVO to leave the scanner disabled after the current document is ejected. The second change is the addition of a single line of code that re-enables the scanner in the event that the operator does not confirm the start of the close process, so that the voting session can continue.

Products Affected: OpenElect Voting Optical (OVO)

Per Unisyn, the new Software version for the OVO will be 2.2.1.

### Supporting Documentation:

2.2.1 ECO\_17050.pdf (*Unisyn ECO*)

Anomaly\_Report\_Unisyn\_Voting\_04\_11\_2022.pdf (*Unisyn Anomaly Report*)

OE2.2\_OVO\_RCA\_CONCURRENT\_CLOSE\_4.19.22.pdf (*Root Cause Analysis*)

OVO Close poll worker\_2.2.pdf (*OVO Quick Reference Guide*)

2.2.1\_Close\_Voting\_Di-Minimus Test Cases ECO\_17050.xls (*QA Test Cases*)

04-00460 OVS System Operations Guide Warehouse.pdf (*updated TDP document*)

04-00469 OVS\_Final\_QA\_Report.pdf (*Final QA Report*)

04-00594 OpenElect 2.2.1 Release Notes.pdf (*Submitted Release Notes*)

2.2.1\_Close\_Voting\_Di-Minimus Test Cases ECO\_17050 - AS RUN.xls (*As-run test cases*)

### Engineering Recommendation:

Source Code Review, Technical Documentation Review, Functional Testing and Accuracy Test performed by Pro V&V for final recommendation. Pro V&V reviewed and sampled Unisyn-submitted test cases for functional testing. Pro V&V modified the submitted test cases as needed to efficiently analyze the changes to the system. Based on testing performed, Pro V&V determined the change did not adversely affect the system functionality, performance, accessibility, usability, safety, or security of the system. The system tested was verified to be accurate during testing with the actual results matching the expected results. No issues were encountered during testing.

The Source Code Review was performed by doing a manual comparison review using ExamDiffPro software. The previously certified source code (version 2.2) was used as the baseline for the comparison against the newly updated source code with the fix incorporated (version 2.2.1). Pro V&V verified the only changes that were made to the newly submitted source code were the two single line code additions and updating the version number.

Pro V&V determined the modification was successfully implemented and no additional testing is required.

This recommendation is based on the software change having the following general characteristics: (1) Update a discrete component of the system and do not impact overall system functionality; (2) Do not modify the counting or tally logic of a component or the system (formatting changes to reports are allowable); (3) Do not affect the accuracy of the component or system; (4) Do not negatively impact the functionality, performance, accessibility, usability, safety, or security of a component or system; (5) Do not alter the overall configuration of the certified system; and (6) Can be reviewed and/or tested by VSTL personnel in a short amount of time (approximately less than 100 hours).

**Engineering Analysis: De Minimis – No Additional Testing Required**

**Reviewer:**

Wendy Owens

Printed Name

Wendy Owens

Signature

05/06/2022

Date

**Approver:**

Michael L Walker

Printed Name

Michael L Walker

Signature

05/06/2022

Date



**U.S. ELECTION ASSISTANCE COMMISSION  
633 3rd St. NW, Suite 200  
Washington, DC 20001**

July 13, 2022

Sent via e-mail

**Chris Ortiz, Director, Business Development & Certification  
Unisyn Voting Solutions  
2310 Cousteau Court  
Vista, CA 92081**

**Re: ECO 17059**

Dear Mr. Ortiz,

This correspondence is to inform you that Unisyn ECO UNS 17059 is approved.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul Aumayr".

---

**Paul Aumayr  
Senior Election Technology Specialist**

**Cc: Pro V&V**

**PRO V&V****ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM****Manufacturer:** Unisyn**System:** OpenElect Freedom Vote Scan (FVS)**ECO Number:** 17059**ECO Description:** FVS Ballot Diverter**Overview:**

The current ballot diverter is made from flat plastic. The process of repeatedly adding the designed curvature was not perfected; therefore multiple vendors reported to Unisyn they were not able to reproduce it repeatedly. To eliminate the issue, Unisyn is implementing replacing the heat formed ABS plastic sheet part with a precision bent aluminum part that is more easily repeated during manufacturing and is an exact match to the designed plastic piece. It is a drop in part replacement with no other changes required to implement.

Products Affected: Freedom Vote Scan (FVS) , P/N 2003-10519

Parent P/N 2003-93282 Sub Assy, Ballot Diverter FVS:

Delete: P/N 8133-0071 Guide, Ballot Diverter, FVS

Add: P/N 8053-93325 Guide, Ballot Diverter, Aluminum, FVS

**Supporting Documentation:**

ECO 17059 Guide Ballot Diverter Aluminum.pdf (*Unisyn ECO*)

8133-00071 Rev A2 Guide Ballot Diverter FVS.pdf (*Current Part*)

8053-93325 Rev A Ballot Diverter Aluminum FVS.pdf (*Replacement Part*)

McMaster 87265K13.pdf (*Current Part Material*)

FVS\_Aluminum piece\_Scan\_Test June29\_June30\_2022.xlsx (*Unisyn Test Cases*)

**Engineering Recommendation:**

Technical documentation review performed to approve change. Upon review of provided technical documentation, it was determined that the new ballot diverter should not negatively impact system functionality. Furthermore, due to the location of the diverter, the upgrade does not warrant a hardware evaluation. The replacement component will not adversely impact the certified systems; therefore, no testing is required.

**Engineering Analysis: De Minimis****Reviewer:**Wendy Owens

Printed Name

Wendy Owens

Signature

07/06/2022

Date

**Approver:**Michael L Walker

Printed Name

Michael L Walker

Signature

07/06/2022

Date



**U.S. ELECTION ASSISTANCE COMMISSION  
633 3rd St. NW, Suite 200  
Washington, DC 20001**

**July 26, 2022**

**Sent via e-mail**

**Chris Ortiz, Director, Business Development & Certification  
Unisyn Voting Solutions  
2310 Cousteau Court  
Vista, CA 92081**

**Re: ECO 1027**

**Dear Mr. Ortiz,**

**This correspondence is to inform you that Unisyn ECO UNS 1027 is approved.**

**Sincerely,**

A handwritten signature in black ink, appearing to read "Paul Aumayr".

**Paul Aumayr  
Senior Election Technology Specialist**

**Cc: Pro V&V**

**PRO V&V****ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM****Manufacturer:** Unisyn Voting Solutions**System:** OpenElect Freedom Vote Scan (FVS)**ECO Number:** Engineering Approval Change (EAC) 1027**ECO Description:** Update to alternate COTS components (memory module and USB flash drive) due to current parts no longer commercially available.**Overview:**

Update to alternate COTS components (memory module and USB flash drive) due to current parts no longer commercially available.

- Added DDR4-2400 Memory Module (Vendor Part Number CT4G4SFS8266/ASI#227313) as an alternative component for CT4G4SFS824A
- Added USB Flash Drive (Model 2SE-1GB, Vendor Part Number DEUA1-01GDQ1AC1SB-B088) as an alternative component to Model 3SE-4GB

Both alternative components are same manufacturer, same form, fit, and function.

*Note: Storage capacity for USB Flash Drive changes; however, Unisyn has stated that it is not critical to product operation.*

Products Affected: Freedom Vote Scan (FVS)

**Supporting Documentation:**

EAC 1027.pdf (Unisyn ECO)

Specification 4GB DDR4-2400 (1).pdf (Memory Module Specification Sheet)

**Engineering Recommendation:**

Technical Documentation Review performed for recommendation. Pro V&V determined replacement components are comparable to current components in form fit, and function; therefore, modifications should not adversely affect system reliability, functionality, capability, or operation.

**Engineering Analysis: De Minimis – No Testing Required****Reviewer:**Wendy Owens

Printed Name

Wendy Owens

Signature

07/16/2022

Date

**Approver:**Michael L. Walker

Printed Name

Michael L. Walker

Signature

07/16/2022

Date



**U.S. ELECTION ASSISTANCE COMMISSION**  
**633 3rd St. NW, Suite 200**  
**Washington, DC 20001**

**July 28, 2022**

**Sent via e-mail**

**Chris Ortiz, Director, Business Development & Certification**  
**Unisyn Voting Solutions**  
**2310 Cousteau Court**  
**Vista, CA 92081**

**Re: ECO 3476**

**Dear Mr. Ortiz,**

**This correspondence is to inform you that Unisyn ECO UNS 3476 is approved.**

**Sincerely,**

A handwritten signature in black ink, appearing to read "Paul Aumayr".

---

**Paul Aumayr**  
**Senior Election Technology Specialist**

**Cc: Pro V&V**



## ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

**Manufacturer:** Unisyn Voting Solutions

**System:** OpenElect Voting Optical (OVO), Version 2.2.1

**ECO Number:** SCO-3476

**ECO Description:** Scanner Enable/Disable

### Overview:

This OVO modification addresses the possibility of inserting a ballot during the transition to jammed ballot handling on the OVO. This introduces a potential race condition that can result in a cast ballot being returned to the user.

This proposal encompasses minor changes to 6 files, extending the implementation of methods that remove and restore the reference to the module that accepts ballot data in the event of jam error code from the scanner and restoring it when the jam condition is no longer active. Per Unisyn, this was originally implemented in the AbstractReaderClient.java file but was reimplemented as two methods in ReaderDriver.java (hideReadListener() and restoreReadListener()) so that it could be used by multiple modules. An additional flag and delay were added to ensure that no data is sent from the scanner to the software while the jam is being handled.

Products Affected: OpenElect Voting Optical (OVO), Version 2.2.1

Per Unisyn, the new Software version for the OVO will be 2.2.2.

### Supporting Documentation:

2.2.2 SCO (Unisyn ECO)

04-00594 OpenElect 2.2.2 Release Notes (Change Release Notes)

04-00469 OVS\_Final\_QA\_Report\_QAUpdate (QA Report)

04-00460 OVS System Operations Guide Warehouse (TDP Document)

03-00456 2.2.2\_OVO\_QA\_TestPlan (QA Test Cases)

OE2.2.2\_OVO\_RCA Scanner Enable\_Disable .pdf (Unisyn Root Cause Analysis)

### Engineering Recommendation:

Pro V&V utilized NOC 19-01 during the ECO review. Source Code Review, Technical Documentation Review, Functional Testing and Accuracy Test performed by Pro V&V for final recommendation. Pro V&V reviewed and sampled Unisyn-submitted test cases for functional testing. Accuracy Testing was performed utilizing each supported ballot size.

Based on testing performed, Pro V&V determined the change did not adversely affect the system functionality, performance, accessibility, usability, safety, or security of the system. The system tested was verified to be accurate during testing with the actual results matching the expected results. No issues were encountered during testing.

The Source Code Review was performed by doing a manual comparison review using ExamDiffPro software. The previously certified source code (version 2.2.1) was used as the baseline for the comparison against the newly updated source code with the fix incorporated (version 2.2.2). Pro V&V verified the only changes made to the newly submitted source code were the minor changes to six files, as described in the submitted supporting documentation, and updating the version number.

Pro V&V determined the modification was successfully implemented and no additional testing is required. Pro V&V determined the modification successfully addressed the issue.

This recommendation is based on the software change having the following general characteristics: (1) Update a discrete component of the system and do not impact overall system functionality; (2) Do not modify the counting or tally logic of a component or the system (formatting changes to reports are allowable); (3) Do not affect the accuracy of the component or system; (4) Do not negatively impact the functionality, performance, accessibility, usability, safety, or security of a component or system; (5) Do not alter the overall configuration of the certified system; and (6) Can be reviewed and/or tested by VSTL personnel in a short amount of time (approximately less than 100 hours).

*All test artifacts (revised code, generated hash values of source code and trusted builds, and as-run test cases) were submitted to the EAC for review along with this ECO Analysis.*

**Engineering Analysis: De Minimis – No Additional Testing Required**

**Reviewer:**

Wendy Owens

Printed Name

*Wendy Owens*  
Signature

07/25/2022

Date

**Approver:**

Michael L. Walker

Printed Name

*Michael L. Walker*  
Signature

07/25/2022

Date



# Unisyn OpenElect 2.2.2 Changes Overview



2310 Cousteau Court - Vista, CA 92081 - [www.unisynvoting.com](http://www.unisynvoting.com)

## Pre-Voting - Election Center/Central Count

### OCS

#### Ballot Layout Manager (BLM)

- Defines Election
- Produces Ballots

#### Election Manager (EM)

- Sets Election Options
- Creates Election Files

**Election™**  
Loads the Election  
directly on Voting  
Devices



## Voting - Poll Locations

The FVT and OVI-VC are ballot marking device (BMDs) that produces printed ballots using a variety of Input Devices:

- Touchscreen
- Keypad
- Sip and Puff

### BMD Ballots



### Full Page Ballots



### OVO/FVS

Scans paper ballot pages and records votes at Precincts and Voting Centers. Data is stored on the OVO's™.



## Post-Voting - Election Center/Central Count

### OVO/FVS



**Transport Media (TM)** is removed from the OVO and FVS 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.

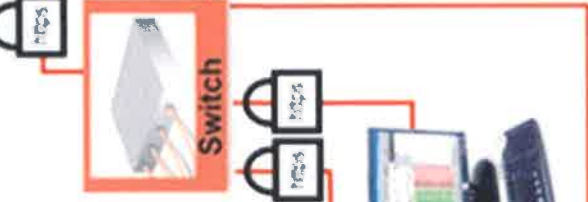


Printer



### Auditor

Evaluate and update questionable or erroneous marks on Ballots.



# De Minimus Hardware Changes



Change ID	Date	Component	Description
1025	2/24/22	OVO	New USB Drive as other unit was End of Life (EOL)
1026	2/24/22	FVS	New fan on Freedom Vote Scan (FVS) as prior model was End of Life (EOL)
17059	2/24/22	FVS	Ballot Diverter
17050	5/17/22	OVO	Concurrent Close Process
1027	7/26/22	FVS	New USB Drive and Memory as other unit was End of Life (EOL)
3476	7/28/22	OVO (Software)	Scanner Enable / Disable

# De Minimus Software Changes



Change ID	Component	Description
3476	OVO	Prevent a ballot from being inserted during ballot jam handling.



# Thank You

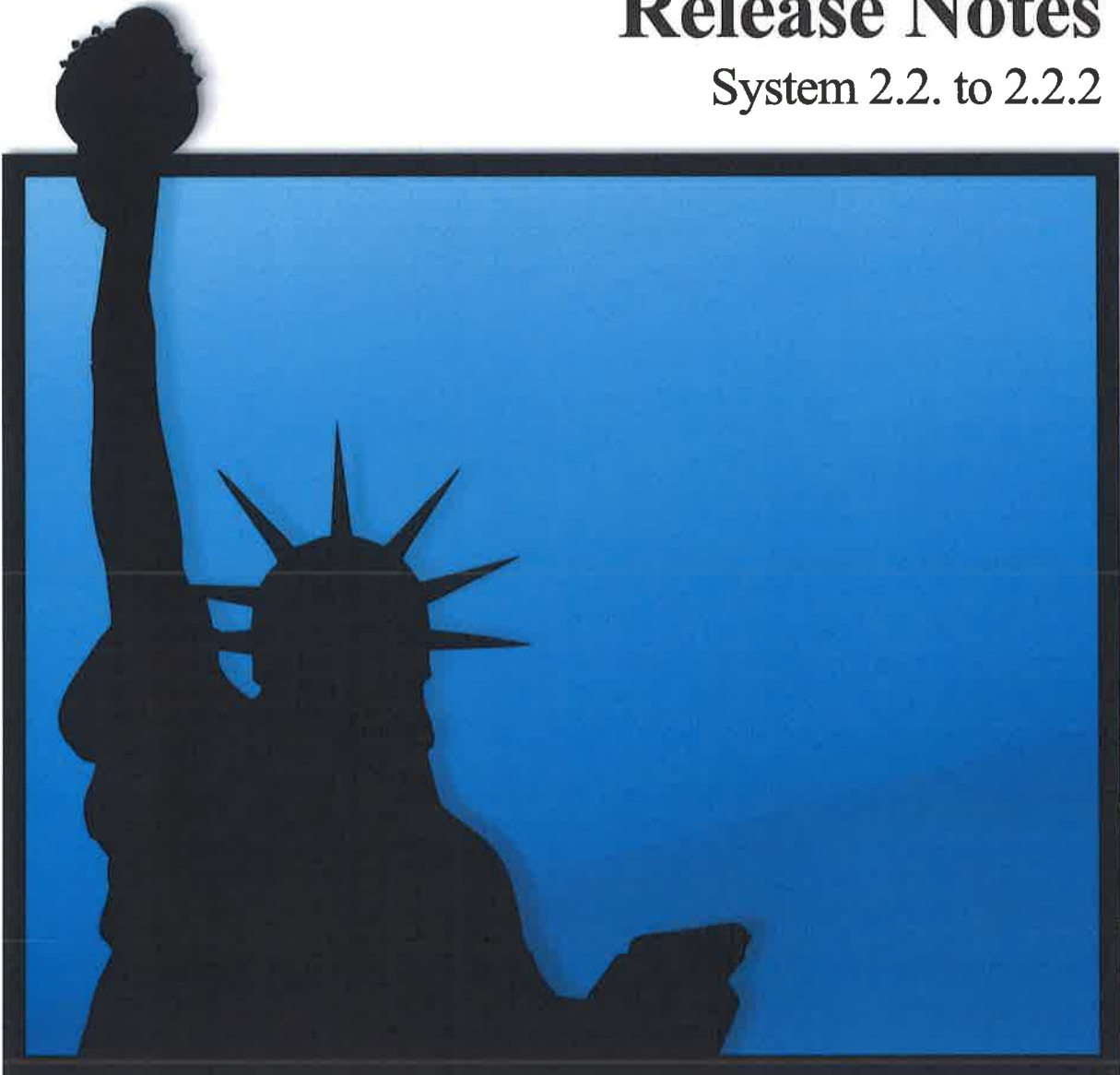
## Questions?



OpenElect® Voting System

# Release Notes

System 2.2. to 2.2.2



Document Number: 04-00594

**Release 2.2.2**

Version 1.0

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## OpenElect® Voting System

### OpenElect 2.2.2 Release Notes

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2310 Cousteau Court, Vista, CA 92018-8346 USA

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## Approvals and Acknowledgement

APPROVALS		
Chris Ortiz, Director, Business Development	Product Manager	Regina Roesch, Lead Software Engineer

## Document Revision History

Date	Version	Release	Description
07/10/19	1.0	2.1	Initial Issue of 2.1 Release Notes
09/16/19	1.1	2.1	Clarification of Short Description (09/09/19) on four issues
08/05/2020	1.0	2.2	Initial Issue of 2.2 Release Notes
12/21/2020	1.1	2.2	Add the FVT-B to Section 1.4
02/11/2021	1.2	2.2	Remove Reference to Encrypted USB
06/08/2021	1.3	2.2	Updates for Release 2.2
07/16/2021	1.4	2.2	FCA updates for OVO, Write In and Alternate Language Text
07/29/2021	1.5	2.2	Updated BLM Section
04/13/2022	1.0	2.2.1	Initial Release of 2.2.1 - OVO Update
07/05/2022	1.0	2.2.2	Initial Release of 2.2.2

For questions about this document please contact:

**Chris Ortiz**  
**Director, Business Development**  
Email: [cortiz@unisynvoting.com](mailto:cortiz@unisynvoting.com)  
[VotingInfo@ilts.com](mailto:VotingInfo@ilts.com)

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## Table of Contents

<b>Section One</b>	<b>An Overview of Release 2.2.2</b>	<b>1-1</b>
1.1	OpenElect® Voting Optical scan (OVO)	<b>Error! Bookmark not defined.</b>

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## Section One An Overview of Release 2.2.2

The OpenElect® Release 2.2.2 contains a change in the OpenElect OVO In-Precinct tabulator. During the development of this release, we took into consideration the laws and procedures set forth by the jurisdictions we serve throughout the country.

### OpenElect Voting System's Software Versions

Application	Software Version
Auditor	2.2
Ballot Layout Manager	2.2
Election Manager	2.2
FVS	2.2
FVT/FVT-B	2.2
OCS Installer	2.2
OVCS – Canon DR-X10C	2.2
OVCS – Canon DR-G2140	2.2
miniOVCS – Canon DR-M160II	2.2
OVI-VC	2.2
OVO	2.2.2
Tabulator	2.2
Tabulator Client	2.2
Tabulator Reports	2.2
Cast Vote Records Utility	2.2
Write-in Utility	2.2

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## Release 2.2.2 Items Pending Federal Certification

### 1.1 OpenElect® Voting Optical scan (OVO)

SCO No.	Short Description of the change
3476	Prevent a ballot from being inserted during jammed ballot handling.

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## Counties Receiving One Bid for Voting Machines

- Four counties have gone through a bid process for a new voting system and only received one bid. Per SEC policy, they are presented here for your review.
- Each county used state-provided generic voting system specifications to develop the specifications they put in their requests for proposals.
- The Division of Elections queried the vendors to determine whether they were aware of the opportunity to bid in each county.
- If the vendor was not aware, we asked them if they would have bid if they knew the opportunity was available.
- A summary of their responses is below and full responses are attached.

	<b>Bradley</b>	<b>Hawkins</b>	<b>Marshall</b>	<b>Scott</b>
<b>Dominion</b>	N/A	N/A	N/A	N/A
<b>ES&amp;S</b>	Aware and did not bid	Unaware but unlikely to bid	Aware and did not bid	Unaware but unlikely to bid
<b>Hart</b>	Aware and did not bid	Aware and did not bid	Aware and did not bid	Aware and did not bid
<b>MicroVote</b>	Only bidder	Only bidder	Only bidder	Only bidder
<b>Unisyn</b>	Aware and did not bid	Aware and did not bid	Aware and did not bid	Aware and did not bid

**Andrew Dodd**

---

**From:** Wilson, Cam <cam.wilson@essvote.com>  
**Sent:** Tuesday, March 28, 2023 3:26 PM  
**To:** Andrew Dodd  
**Cc:** Figgins, Katie  
**Subject:** [EXTERNAL] Re: Counties Who Received One Bid - Response Requested

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Andrew, please see response below.

**Bradley**

1. Our records indicate receipt on 9.20.22.
2. N/A

**Hawkins**

1. Our records do not indicate receipt. Due to the passage of time, it is still possible the County did communicate but we could not locate record of the communication at this time.
2. If received, we most likely would not have proceeded with a bid for various reasons.

**Marshall**

1. Our records indicate receipt on 10.29.22.
2. N/A

**Scott**

1. Our records do not indicate receipt. Due to the passage of time, it is still possible the County did communicate but we could not locate record of the communication at this time.
2. If received, we most likely would not have proceeded with a bid for various reasons.

Respectfully,

Cam Wilson  
Regional Sales Manager  
865-466-6900

---

**From:** Andrew Dodd <Andrew.Dodd@tn.gov>  
**Sent:** Tuesday, March 28, 2023 10:46:15 AM  
**Subject:** [EXTERNAL] Counties Who Received One Bid - Response Requested

**This message originated from outside your organization**

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Good morning,

The State Election Commission will review four counties who only received one bid for a new voting system at its meeting on Monday, April 3. The counties are Bradley, Hawkins, Marshall, and Scott.

I've spoken to some of you previously about some of these, and I know some of you have already been contacted by some of these counties. For the sake of having the same information for everybody, can you answer the following questions for each of the four counties?

1. Were you aware of the opportunity to bid in the county?
2. If you were unaware, would you have placed a bid had you had known the county was seeking bids?

Thanks,

Andrew

Andrew Dodd  
HAVA Attorney  
Division of Elections  
Office of Tennessee Secretary of State Tre Hargett  
312 Rosa L. Parks Avenue, 7th Floor  
Nashville, TN 37243  
(615) 253-4587

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## Andrew Dodd

---

**From:** Bob Heisner <bheisner@hartic.com>  
**Sent:** Wednesday, March 29, 2023 2:46 PM  
**To:** Andrew Dodd  
**Subject:** [EXTERNAL] RE: [EXTERNAL SENDER] Counties Who Received One Bid - Response Requested

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Hello Andrew,

Yes, Hart was aware of the RFP in all 4 counties: Bradley, Hawkins, Marshall, and Scott. After review of each RFP and any evaluation criteria know to us, the decision was made to no bid on each.

Best Regards,  
Bob



**Bob Heisner**  
Director of Sales  
**Hart InterCivic**  
618.521.9733 (mobile) | 512.252.6918 (efax) | 800.223.HART  
[bheisner@hartic.com](mailto:bheisner@hartic.com) | [www.hartintercivic.com](http://www.hartintercivic.com)

**From:** Andrew Dodd <Andrew.Dodd@tn.gov>  
**Sent:** Tuesday, March 28, 2023 9:46 AM  
**Subject:** [EXTERNAL SENDER] Counties Who Received One Bid - Response Requested

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Good morning,

The State Election Commission will review four counties who only received one bid for a new voting system at its meeting on Monday, April 3. The counties are Bradley, Hawkins, Marshall, and Scott.

I've spoken to some of you previously about some of these, and I know some of you have already been contacted by some of these counties. For the sake of having the same information for everybody, can you answer the following questions for each of the four counties?

1. Were you aware of the opportunity to bid in the county?
2. If you were unaware, would you have placed a bid had you had known the county was seeking bids?

Thanks,

Andrew

Andrew Dodd  
HAVA Attorney  
Division of Elections

Office of Tennessee Secretary of State Tre Hargett  
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## Andrew Dodd

---

**From:** mark carter <t.mcarter@yahoo.com>  
**Sent:** Friday, March 31, 2023 3:50 PM  
**To:** Andrew Dodd  
**Subject:** Re: [EXTERNAL] Re: Recent County Bid Processes

Hello Andrew,

Please disregard my previous response. We did not bid on Hawkins County. I think vendors are passing on some counties that don't bother to bring vendors in for demonstrations. It takes us a week to put together a response for counties so we need to prioritize our opportunities.

Thanks,

Mark Carter  
Adkins Election Services, Inc.  
Tennessee Account Manager  
C:720.273.9166  
t.mcarter@yahoo.com  
Henry M. Adkins & Son, Inc.

On Friday, March 31, 2023 at 03:12:34 PM EDT, Andrew Dodd <andrew.dodd@tn.gov> wrote:

Mark,

I pulled our previous conversation re: counties with one bid. In addition to these three, were you aware of the RFP in Hawkins? They indicated they sent it by mail to main office in California.

Thanks,

Andrew

Andrew Dodd  
HAVA Attorney

Division of Elections

Office of Tennessee Secretary of State Tre Hargett

312 Rosa L. Parks Avenue, 7th Floor  
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(615) 253-4587



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---

**From:** mark carter <t.mcarter@yahoo.com>

**Sent:** Friday, January 20, 2023 3:29 PM

**To:** Andrew Dodd <Andrew.Dodd@tn.gov>

**Subject:** [EXTERNAL] Re: Recent County Bid Processes



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Hello Andrew,

We did receive RFP's from the counties the counties you listed.

Thanks,

Mark Carter

[Sent from Yahoo Mail for iPhone](#)

On Friday, January 20, 2023, 2:51 PM, Andrew Dodd <[Andrew.Dodd@tn.gov](mailto:Andrew.Dodd@tn.gov)> wrote:

Good afternoon,



I'm doing some follow up with some counties on recent bid processes. Did you receive an RFP from any of the following counties?

- Bradley
- Marshall
- Scott

Thanks,

Andrew

Andrew Dodd  
HAVA Attorney

Division of Elections

Office of Tennessee Secretary of State Tre Hargett

312 Rosa L. Parks Avenue, 7th Floor  
Nashville, TN 37243  
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