2024 Securing WY Elections
Rick Weible
www.midwestswampwatch.com

Donate and send tips to

www.midwestswampwatch.com

tips@midwestswampwatch.com

About Rick Weible

- Born and Raised in Minnesota
- B.A. Political Science – University of Minnesota
- 14 Years Elected Office 4 Years City Council, 10 Years Mayor St. Bonifacius
- 8 Years MN GOP CD3 Co-Chair and State Exec.
- Certified Network Engineer
- Worked at Help/Systems, the first ISO 9000 Software Company in USA.
- 28 Years of Cyber Security Consulting Experience
- CEO for D3Defense
- Moved to South Dakota 2018
- Manage clients DOD CMMC 2.0 Level 3 Certifications and Audits

Election Integrity – The Gold Standard

Transparency

Is The Inoculation To All Conspiracy Theories

WY Gold Standards
Let’s Review Together

Risks in Wyoming

Piedmont, SD

Call 605-787-4884

https://elkcreekresort.net/

Code: Election Integrity
10% off + Plus Extras

ES&S Evidence
Hand Count Demos
Workshops

Thursday Aug 22nd 7:00-9:00 pm
Friday Aug 23rd 7:00-9:00 pm
Saturday Aug 24th 10:00 am-Noon
Saturday Aug 24th 1:00-3:00 pm
Saturday Aug 24th 6:00-8:00 pm

2022 Case – Test Deck Fail?

Midwest Swamp Watch

Rhode Island reaches settlement with voting machine vendor over primary election errors

Secretary Gorbea Announces Settlement with Election Systems and Software Over Errors in the 2022 Election

by **Ryan Belmore**
December 29, 2022

The Rhode Island Department of State has reached a settlement with voting machine vendor Election Systems and Software (ES&S) following programming errors that were discovered during the 2022 primary election.

As part of the settlement, ES&S will provide a credit of $47,644 for all project management services provided during the election. In addition, the company has agreed to post a public statement (included below) on its website outlining best practices for collaborative Logic & Accuracy testing.

After the discovery of the programming errors in August, the Rhode Island Department of State's Elections Division worked with ES&S and the Rhode Island Board of Elections to develop new collaborative testing protocols to verify the accuracy of voting screens in both English and Spanish, as well as the accuracy of printed ballot cards.

Secretary of State Nellie Gorbea stated, "We have held our vendor accountable for their mistake, and working together we have succeeded in making systemic improvements to pre-election testing across my office, the Board of Elections and ES&S."

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Pre-election testing includes logic and accuracy (L&A) testing. It's the process by which the machines and ballots are publicly tested by jurisdictions before Election Day to confirm that the ballot content is accurate and those ballots will tabulate a voter's selections correctly. L&A testing increases confidence in elections.

ES&S wants to reiterate its recommendation for best practices which are contained on our online customer portal. "L&A testing starts with proofing all of your ballot styles, both paper and touch screen, for accuracy in layout and contests." This will ensure that all touch screens match exactly paper ballots, in every language used for voting.

Furthermore, we have also expressed: "To test your tabulation equipment, use a test deck of ballots and or ExpressVote vote summary cards containing votes for each candidate and questions in all contests, and where the expected results are known." This means that on touch screens, testing should include votes for all candidates and questions in all races. As we have said: "You can create your own test deck independently by manually filling out ballots for all ballot styles in sufficient quantity to vote all candidates/questions in all contests."

https://whatsupnewp.com/2022/12/rhode-island-reaches-settlement-with-voting-machine-vendor-over-primary-election-errors/

Midwest Swamp Watch

POLITICS

Voting machine company settles with RI over Spanish language ballot blunder

Patrick Anderson
The Providence Journal

Published 2:13 p.m. ET Dec. 29, 2022 | Updated 3:11 p.m. ET Dec. 29, 2022

The election equipment provider in the middle of a blunder on Spanish language ballots in the September primaries has agreed to credit Rhode Island $47,644, Secretary of State Nellie Gorbea said Thursday.

Nebraska-based Election Systems and Software "will provide a credit for all project management services provided in connection with the 2022 Primary Election," Gorbea said in a news release.

The company also agreed to post a message on its website reminding election workers that it's a good idea to proofread all ballots and test all tabulation machines before voters head to the polls.

“We have held our vendor accountable for their mistake, and working together we have succeeded in making systemic improvements to pre-election testing across my office, the Board of Elections and ES&S," Gorbea said in the release.

https://www.providencejournal.com/story/news/politics/2022/12/29/elections-systems-and-software-settle-with-ri-over-spanish-ballot-mistake/69764706007/

PENNSYLVANIA CAPITAL-STAR

Midwest Swamp Watch

Voting rights groups call for investigation of Election Day problems in Northampton County

BY: **PETER HALL** - NOVEMBER 14, 2023 5:02 PM

"The county's conflicting messages to the public on Election Day led to confusion, concern, and doubt in the security and accuracy of votes. These mistakes grow into misinformation," said Philip Hensley-Robin, executive director of Common Cause PA.

The voting machine malfunction forced voters in Northampton County to vote via emergency ballots. County election officials said the issue was a "clerical error."

The malfunction occurred in the Superior Court retention race where the voter had to select 'Yes' or 'No' to vote for Judges Jack Panella and Victor Stabile to retain their seats.

"The programming error that occurred in Northampton County should be a lesson for every Pennsylvania county that uses hybrid touch screen voting machines," Marian Schneider, senior policy counsel for voting rights at the ACLU of Pennsylvania, said.

In addition to the investigation and report, the groups called on the county to evaluate voting machine logic and accuracy testing procedures and make adjustments to catch errors; issue public notices to allow observers during the testing, as required by the Election Code; and supply polling places with adequate emergency paper ballots, equal to 50% of the poll's registered voters.

Counties are required to perform logic and accuracy testing of all voting machines. According to the Pennsylvania Department of State, the testing is designed to detect issues with screen calibration, mislabeling and other potential problems to ensure the machines work properly.

"While the county completed some of this testing, it was not completed to adequacy or full compliance; otherwise the issue would have been caught and corrected before Election Day," the voting rights groups said in a statement.

REP U.S. SENATOR

Vote For 1

	TOTAL
JOHN BARRASSO	11
JOHN HOLTZ	9
REID RASNER	9
Write-In Totals	8
Total Votes Cast	**37**
Overvotes	0
Undervotes	3
Contest Totals	40

REP U.S. REPRESENTATIVE

Vote For 1

	TOTAL
HARRIET HAGEMAN	15
STEVEN R. HELLING	11
Write-In Totals	7
Total Votes Cast	**33**
Overvotes	0
Undervotes	7
Contest Totals	40

Election Summary Results Report
2024 Primary Election
July 11, 2024

Statistics

	TOTAL
Election Day Precincts Reporting	0 of 40
Precincts Complete	0 of 40
Precincts Partially Reported	0 of 40
Absentee/ Early Precincts Reporting	40 of 40
Registered Voters - Total	0
Registered Voters - REPUBLICAN	0
Registered Voters - DEMOCRATIC	0
Registered Voters - NONPARTISAN	0
Ballots Cast - Total	103
Ballots Cast - REPUBLICAN	40
Ballots Cast - DEMOCRATIC	40
Ballots Cast - NONPARTISAN	23
Ballots Cast - Blank	13
Voter Turnout - Total	0.00%
Voter Turnout - REPUBLICAN	0.00%
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TS
#1
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*** VOTING RESULTS REPORT ***
10:38 AM July 19, 2024
Unit Serial Number: 0321380196

LARAMIE COUNTY, WYOMING
2024 Primary Election
ATRIUM ATRIUM
Election Date: August 20, 2024
Poll Opened Date: July 15, 2024
Poll Opened Time: 11:32 AM
Poll Closed Date: July 19, 2024
Poll Closed Time: 10:29 AM
Public Count: 103

Protected Count: 19953
Poll Voting Report

Total Standard Ballot Sheets: 0
Total ExpressVote Cards: 103

Total Sheets Processed: 103

REP U.S. SENATOR
Number to Vote For 1

JOHN BARRASSO 11
JOHN HOLTZ 9
REID RASNER 9
Write-in 8

REP U.S. REPRESENTATIVE
Number to Vote For 1

HARRIET HAGEMAN 15
STEVEN R. HELLING 11
Write-in 7

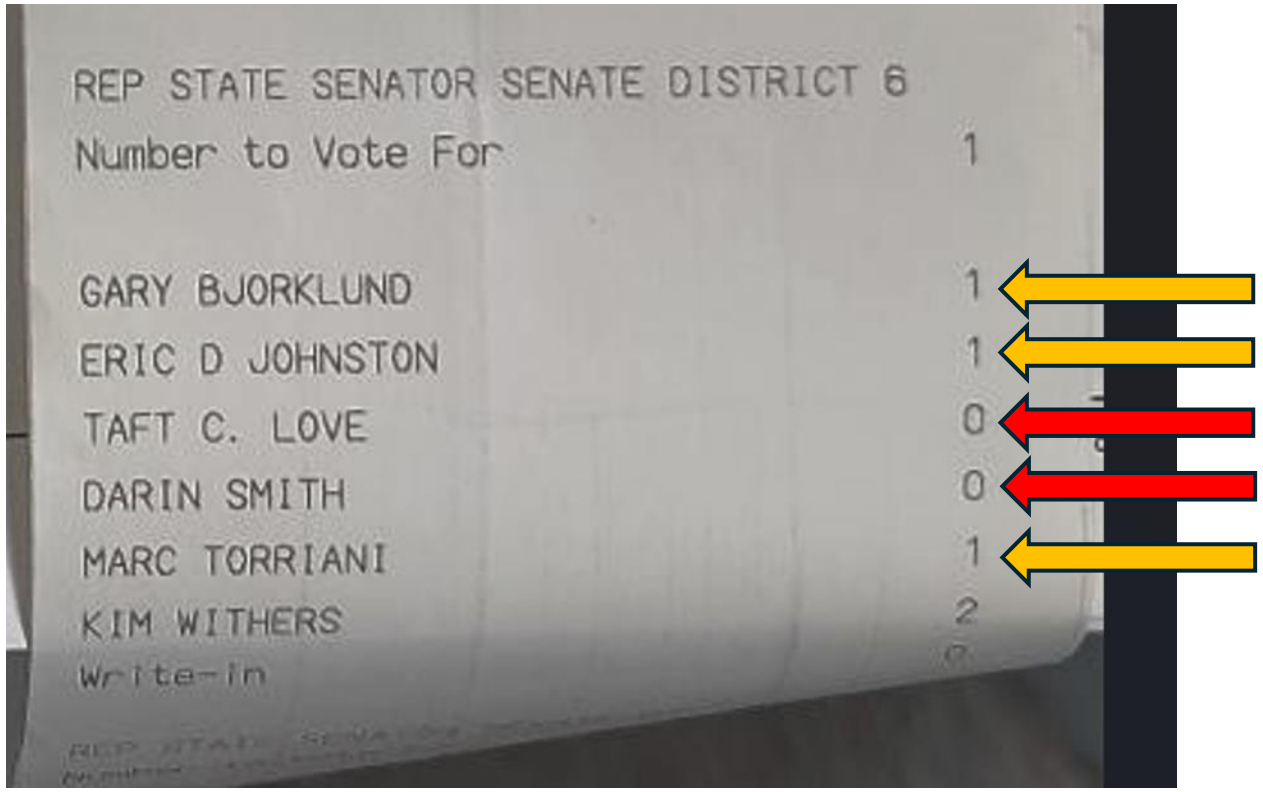
REP STATE SENATOR SENATE DISTRICT 4
Number to Vote For 1

TARA NETHERCOTT 2
GREGG SMITH 3
Write-in 1

REP STATE SENATOR SENATE DISTRICT 6
Number to Vote For 1

GARY BJORKLUND 1
ERIC D JOHNSTON 1

Invalid Logic and Accuracy Test



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Write-in 8

REP U.S. REPRESENTATIVE
Number to Vote For 1

HARRIET HAGEMAN 15
STEVEN R. HELLING 11
Write-in 7

REP STATE SENATOR SENATE DISTRICT 4
Number to Vote For 1

TARA NETHERCOTT 2
GREGG SMITH 3
Write-in 1

REP STATE SENATOR SENATE DISTRICT 6
Number to Vote For 1

GARY BJORKLUND 1
ERIC D JOHNSTON 1

In the testing for US Senator, John Holtz and Reid Rasner have the same number of votes, we can't determine if the votes would be flipped, also for State Senate....Gary, Eric, Marc all have the same number of votes (1), then Taft and Darin have no votes selected for them...again we can't determine if the votes could be flipped...this is pure negligence and cause to question the results of the election due to lack of proper testing and due diligence.

That violates the law and rules...

22-11-104. Conduct of elections in which systems utilized.

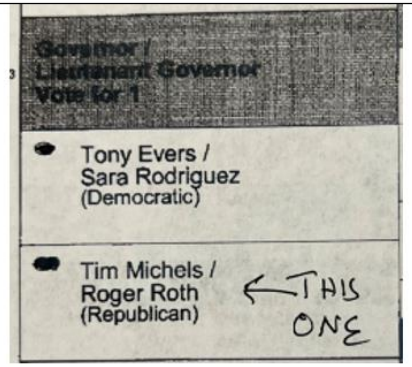
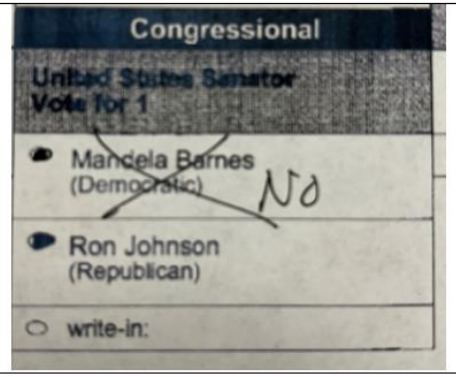
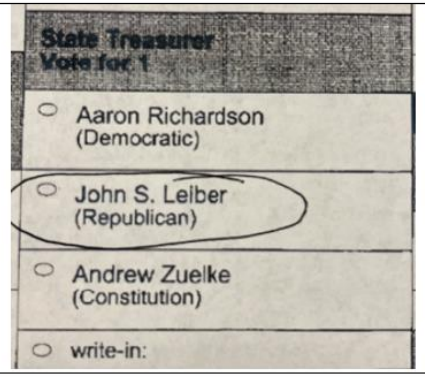
(iii) Before testing an electronic voting system for an election, notify the county chairman of each political party having a candidate on the ballot, stating the time and place of the test. The political party representatives and representatives of independent candidates may be present for the test, which shall be held at least two (2) weeks before the election. The test shall ascertain that the automatic tabulating equipment will accurately count the votes cast for all offices and all measures. **The test shall be conducted by processing a preaudited group of paper ballots or ballot cards on which are recorded a predetermined number of valid votes for each candidate and on each measure and shall include for each office one (1) or more ballots which have votes in excess of the number allowed by law in order to test the ability of the automatic tabulating equipment to reject such votes.** During the test a different number of valid votes shall be assigned to each candidate for an office, and for and against each measure. If any error is detected, the cause of it shall be ascertained and corrected and an errorless count shall be secured and certified to by the county clerk. On completion of the count, the programs, test materials and ballots shall be sealed and retained as provided for paper ballots;

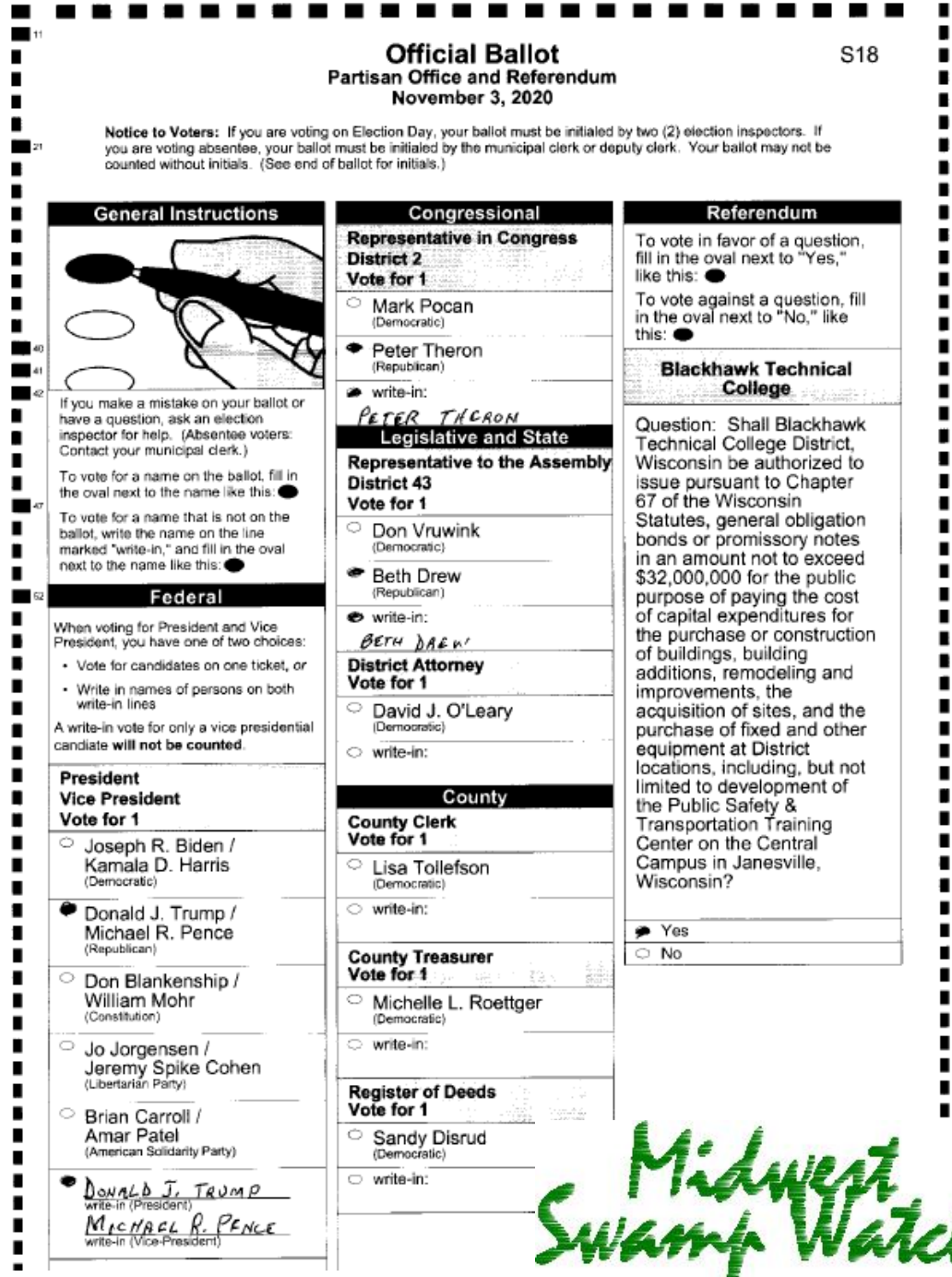
0 is not part of the set of valid votes....1,2,3,4 are...0 is not a vote...

What Voters Can Do?

- Understand How The Machines Work
  - Don’t over mark a ballot
    - Your Vote Won’t Count
  - If you make a mistake get another ballot

Here are some examples of voter intent the machines would miss.

		
Voter Intent is Clear	**Voter Intent is Clear**	**Voter Intent is Clear**



Official Ballot
Partisan Office and Referendum
November 3, 2020

S18

Notice to Voters: If you are voting on Election Day, your ballot must be initialed by two (2) election inspectors. If you are voting absentee, your ballot must be initialed by the municipal clerk or deputy clerk. Your ballot may not be counted without initials. (See end of ballot for initials.)

General Instructions

If you make a mistake on your ballot or have a question, ask an election inspector for help. (Absentee voters: Contact your municipal clerk.)

To vote for a name on the ballot, fill in the oval next to the name like this: ●

To vote for a name that is not on the ballot, write the name on the line marked "write-in," and fill in the oval next to the name like this: ●

Federal

When voting for President and Vice President, you have one of two choices:

- Vote for candidates on one ticket, *or*
- Write in names of persons on both write-in lines

A write-in vote for only a vice presidential candiate **will not be counted**.

President
Vice President
Vote for 1

- ○ Joseph R. Biden / Kamala D. Harris (Democratic)
- ● Donald J. Trump / Michael R. Pence (Republican)
- ○ Don Blankenship / William Mohr (Constitution)
- ○ Jo Jorgensen / Jeremy Spike Cohen (Libertarian Party)
- ○ Brian Carroll / Amar Patel (American Solidarity Party)
- ● DONALD J. TRUMP write-in (President)
  MICHAEL R. PENCE write-in (Vice-President)

Congressional

Representative in Congress
District 2
Vote for 1

- ○ Mark Pocan (Democratic)
- ● Peter Theron (Republican)
- ● write-in: PETER THERON

Legislative and State

Representative to the Assembly
District 43
Vote for 1

- ○ Don Vruwink (Democratic)
- ● Beth Drew (Republican)
- ● write-in: BETH DREW

District Attorney
Vote for 1

- ○ David J. O'Leary (Democratic)
- ○ write-in:

County

County Clerk
Vote for 1

- ○ Lisa Tollefson (Democratic)
- ○ write-in:

County Treasurer
Vote for 1

- ○ Michelle L. Roettger (Democratic)
- ○ write-in:

Register of Deeds
Vote for 1

- ○ Sandy Disrud (Democratic)
- ○ write-in:

Referendum

To vote in favor of a question, fill in the oval next to "Yes," like this: ●

To vote against a question, fill in the oval next to "No," like this: ●

Blackhawk Technical College

Question: Shall Blackhawk Technical College District, Wisconsin be authorized to issue pursuant to Chapter 67 of the Wisconsin Statutes, general obligation bonds or promissory notes in an amount not to exceed $32,000,000 for the public purpose of paying the cost of capital expenditures for the purchase or construction of buildings, building additions, remodeling and improvements, the acquisition of sites, and the purchase of fixed and other equipment at District locations, including, but not limited to development of the Public Safety & Transportation Training Center on the Central Campus in Janesville, Wisconsin?

- ● Yes
- ○ No

Midwest Swamp Watch

Election Officials – Voter Rolls

- Death Records – Review Monthly
- National Change of Address (NCOA) Review Monthly.
  - 3 Year look back
- Clerk of Courts – Should send a list to County Auditor each month:
  - County Auditor to remove individuals any individual called for jury duty who is excused from jury duty because the individual:
  - Has Moved
  - Has Been Identified as mentally incompetent
  - Has Been Sentenced to imprisonment in the federal penitentiary system
  - Deceased voters published in an obituary, reported by a county coroner, or recorded in the death records maintained as vital statistics records by the Department of Health
  - Those who are not citizens of the United States
- No Charge for Voter Rolls, It's Our Data, We Already Paid for the Systems

Election Officials – Use of Machines

- Audit Your Equipment & Accessories.
  - If it is not on the certified list, you can't use it.
  - Desktops, Laptops, Servers, thumb drives.
  - Ask for Engineering Change Orders from your vendor, where needed.
- Check Antivirus
  - If it is not update to date, ask your vendor for an Engineering Change Order.
- Follow the State Laws and Rules for use of equipment.
- Reusing Thumb Drives
  - The vendor should reformat them for you, don't risk it doing it yourself.
  - Only thumb drives on the Certified List are allowed to be inserted into election equipment.

(IF UNABLE TO PERFORM THESE TASKS – HAND COUNT ELECTION)

Midwest Swamp Watch

Election Officials – Testing & Transparency

- Public Testing Should Be Announced 2 Weeks Prior to Event
- Create Standard Test Deck (Logic and Accuracy) – The “Control”
  - Use a Prime Number in each race.
  - Every Ballot Option Assigned a Unique Number On The Ballot
- Test 20% Absentee/Mail-In Folded Ballots
- Let Voters Fill Out Ballots and Test Separately
- Publish Test Deck Reports on County Web Site
- Public Test Deck Cast Vote Records on County Web Site

(IF UNABLE TO PERFORM THESE TASKS – HAND COUNT ELECTION)

Midwest Swamp Watch

Election Officials – Election Transparency

- Party Balance for Absentee, Early Voting and Election Day
- Retest Machines Ahead of Tabulation
- Post Retests on the County Web site
- Zero Reports Published on County Web Site
- Ballots Images and Cast Vote Records Published Night of Election
- Electronic Poll Book Data Published Night of Election
- Post Election Audit of 100% of All Precincts and Races, By Hand

(IF UNABLE TO PERFORM THESE TASKS – HAND COUNT ELECTION)

Candidates & Party

- Recruit, Organize & Train Poll Workers and Election Judges.
  - Laws, Rules, and What to Watch For…..chain of custody, signatures, folds, errors.
- Absentee Ballot Boards – Ensure Party Balance.
- Recruit, Organize & Train Poll Watchers.
  - Laws, Rules, and What to Watch For…..backpacks, extra ballots, interpretations of bad ballots, use of thumb drives, unsecured areas and processes.
- Reporting of Incidents - Ready Made Affidavit Templates
- Understanding Rights and Assemble Legal Teams
- Validate Voter Rolls – Mailers & Post Cards – Return Mail Service, Digital and Door to Door Canvassing

Midwest Swamp Watch

What Voters Can Do?

- Help Your Election Official
  - Get Costs of Election Equipment and Maintenance Agreements
  - Review Costs of Hand Counting
  - Attend Public Accuracy Tests
  - Consider Being an Election Judge/Worker
  - Attend Hand Count Training
  - Get Ballot Images & Cast Vote Records
- Help Your Party or a Candidate
  - Attend Public Accuracy Tests
  - Consider Being a Poll Watcher
  - Register Voters
  - Validate Voter Rolls by Canvassing Voters
  - Write Letters to the Editor on How You are Helping to Protect the Election.

What Voters Can Do?

- Help Others Vote
  - Encourage Friends and Family to Vote
  - Register Others to Vote
  - Schedule Time to Drive Others to the Polling Place on Election Day
- Verify that no one Voted Absentee for you
  - Some states don't allow you to change your vote on election day.
    - MN – Request an absentee ballot and bring it in with you unused….
  - Vote in Person - Maintain Chain of Custody
    - No Drop Boxes
    - No Mailing it in
- Visit Cause of America
  - https://causeofamerica.org/Post/get-involved

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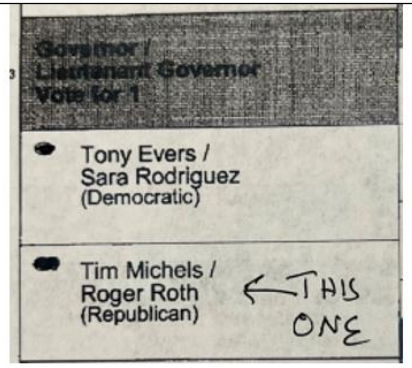	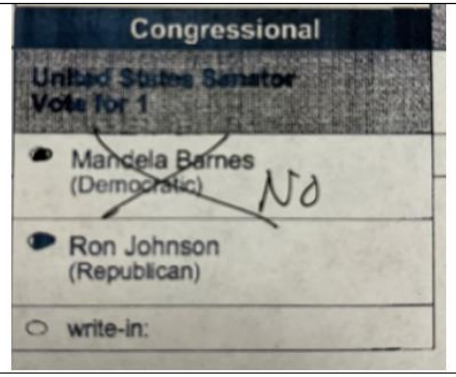	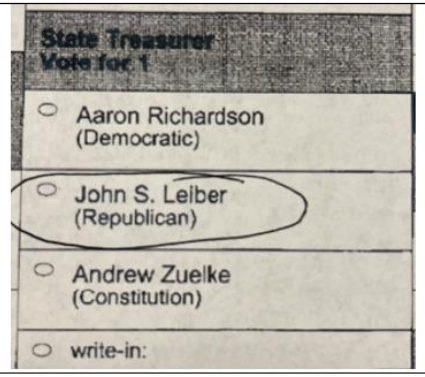
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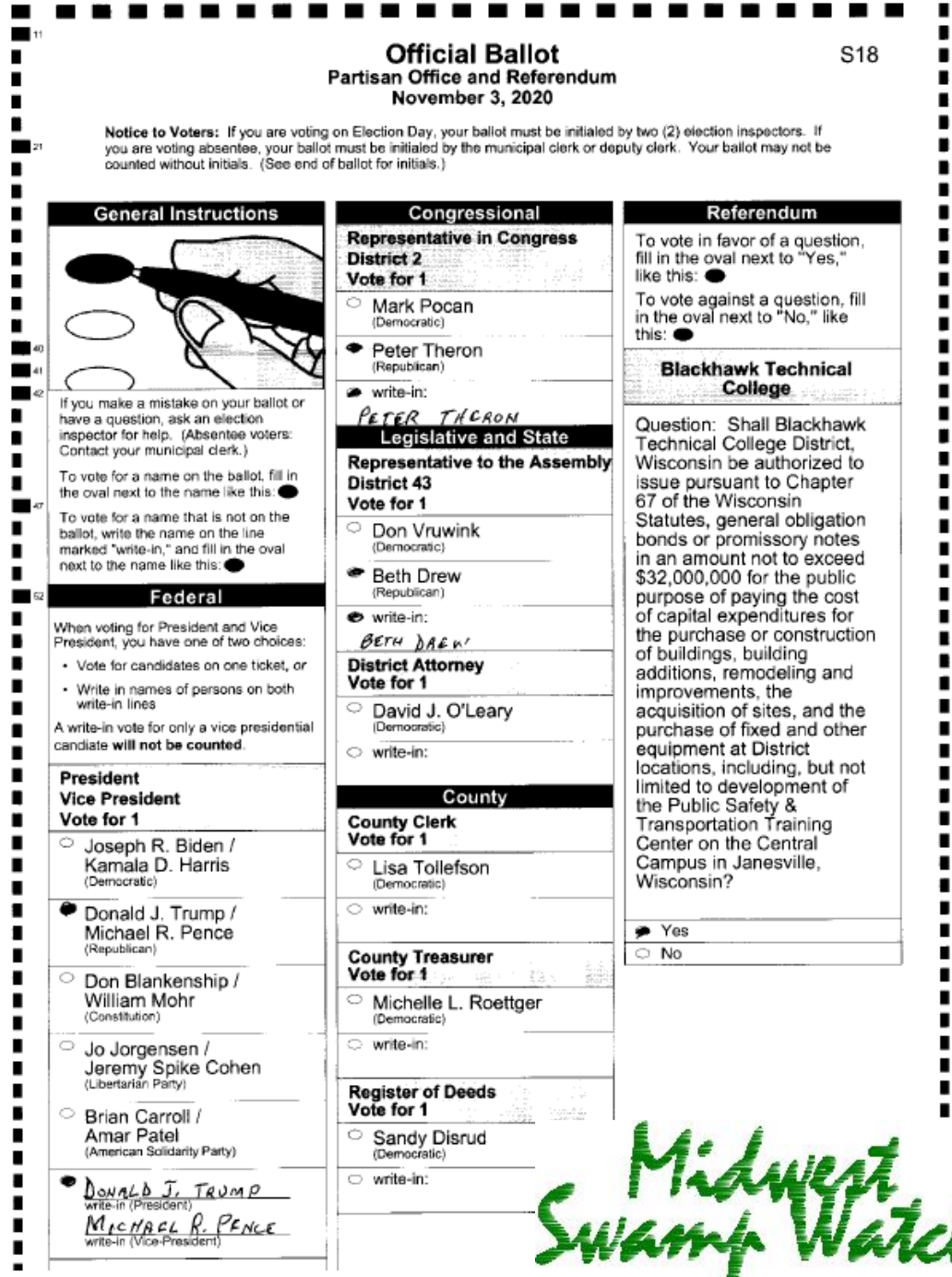

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Referendum

To vote in favor of a question, fill in the oval next to "Yes," like this: ●

To vote against a question, fill in the oval next to "No," like this: ●

Blackhawk Technical College

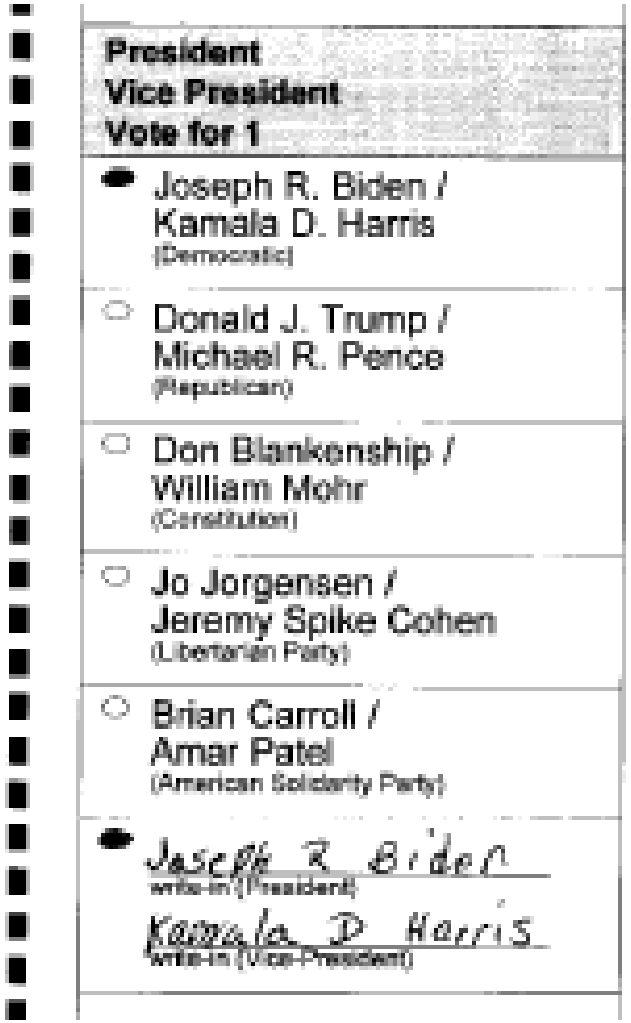
Question: Shall Blackhawk Technical College District, Wisconsin be authorized to issue pursuant to Chapter 67 of the Wisconsin Statutes, general obligation bonds or promissory notes in an amount not to exceed $32,000,000 for the public purpose of paying the cost of capital expenditures for the purchase or construction of buildings, building additions, remodeling and improvements, the acquisition of sites, and the purchase of fixed and other equipment at District locations, including, but not limited to development of the Public Safety & Transportation Training Center on the Central Campus in Janesville, Wisconsin?

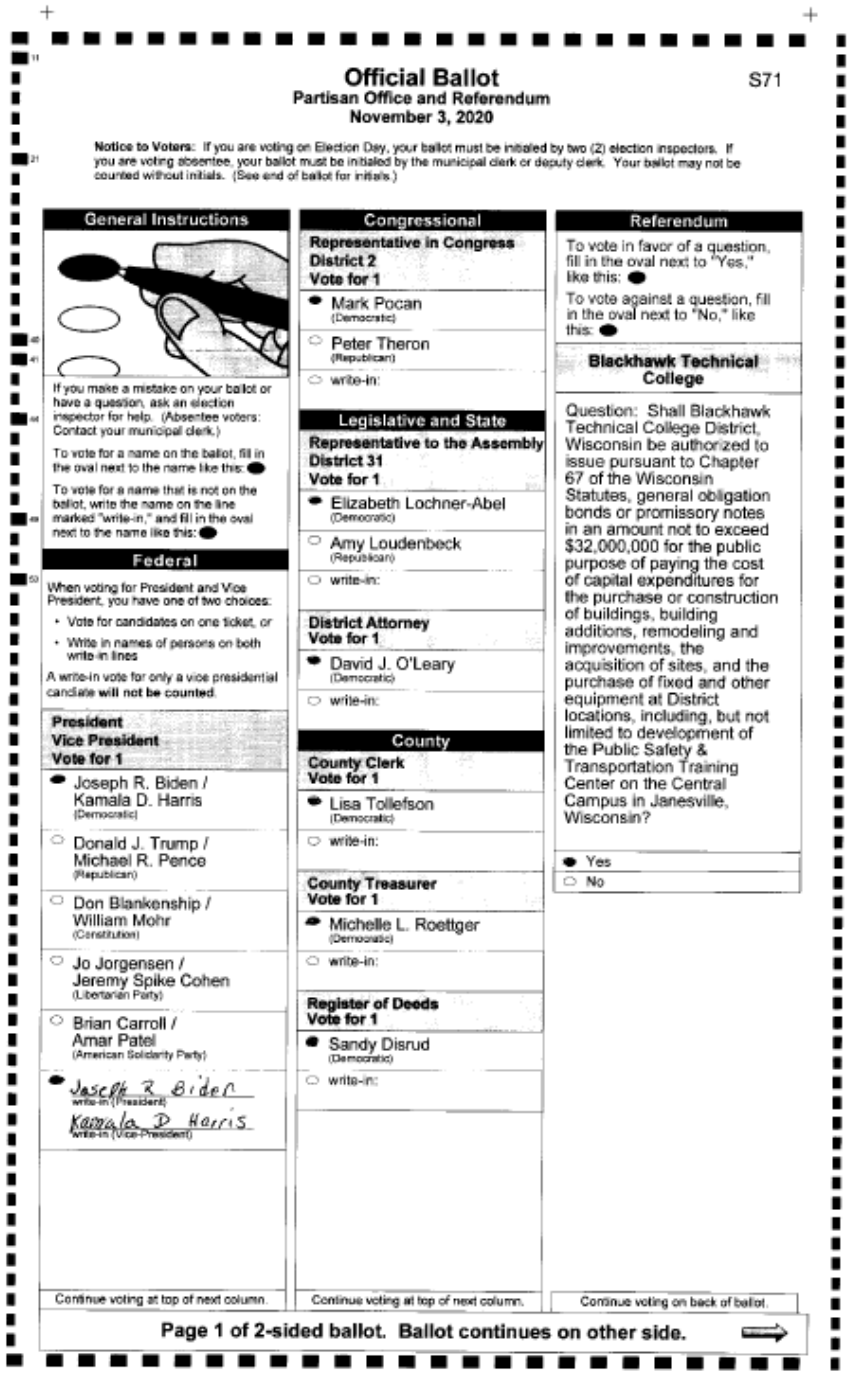
- ● Yes
- ○ No

Midwest Swamp Watch

Overvote

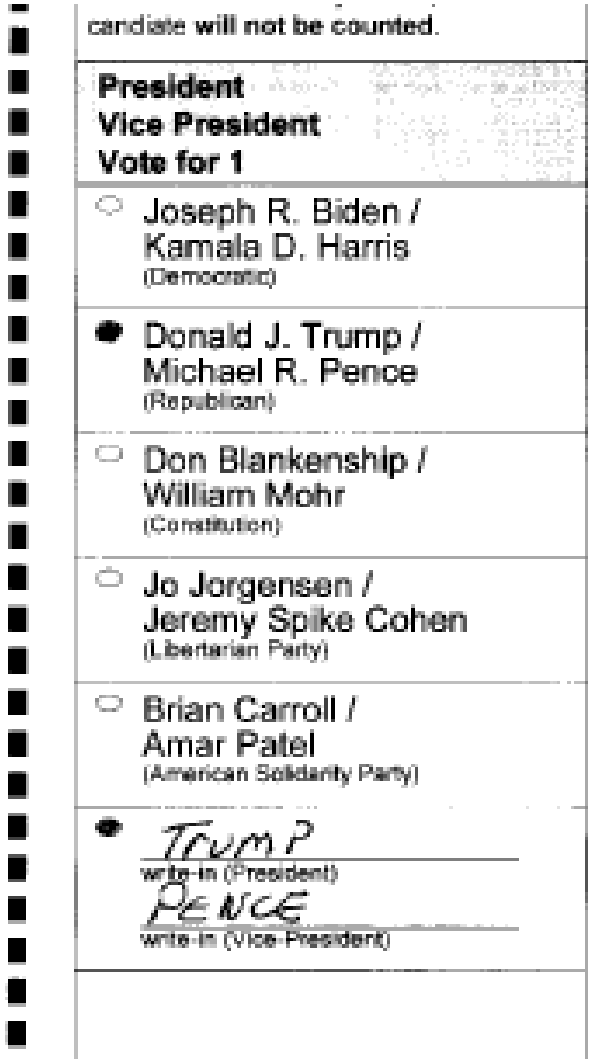
- Vote intent is lost





Overvote

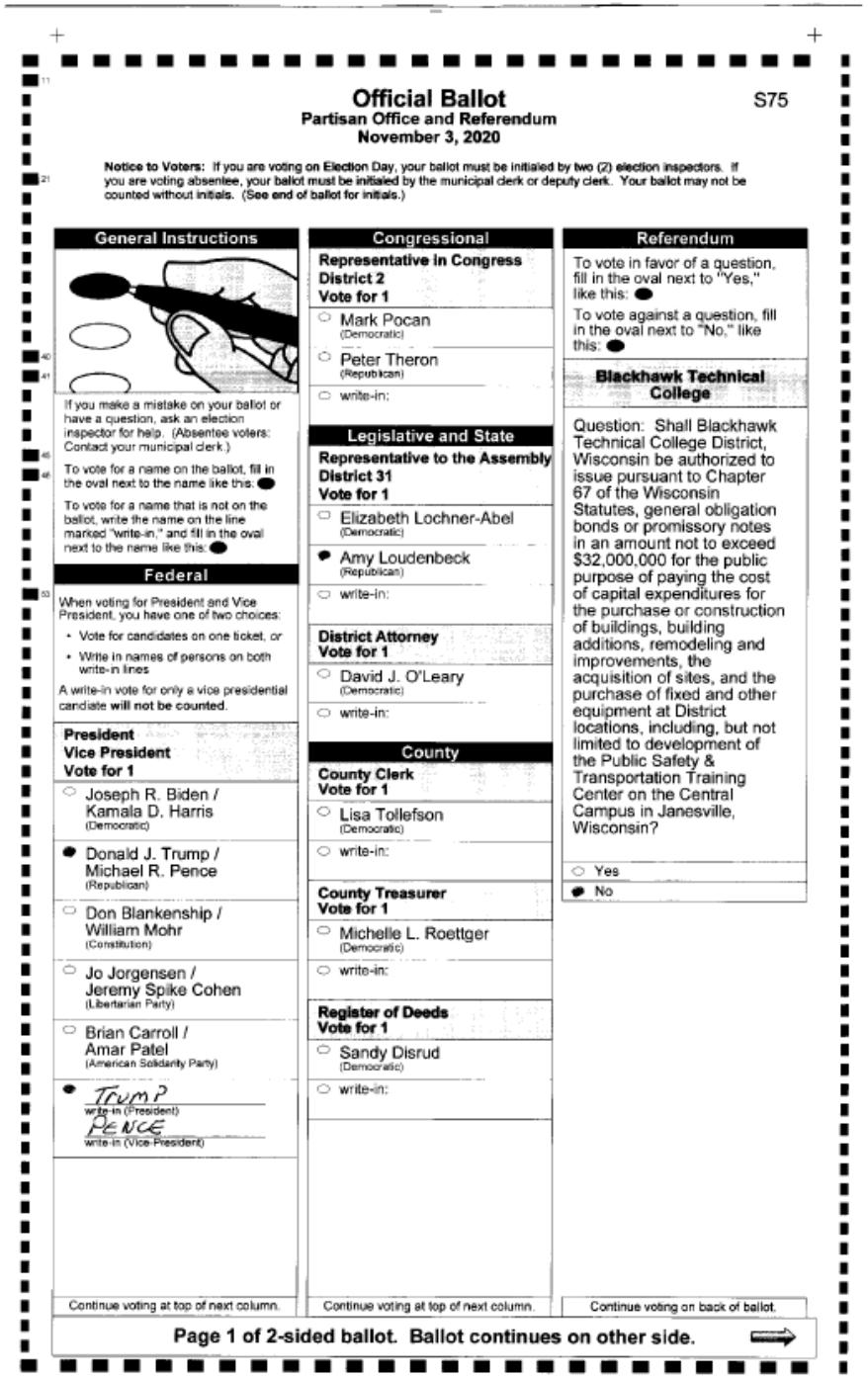
- Voter intent is lost



candidate will not be counted.

President
Vice President
Vote for 1

- Joseph R. Biden / Kamala D. Harris (Democratic)
- ● Donald J. Trump / Michael R. Pence (Republican)
- Don Blankenship / William Mohr (Constitution)
- Jo Jorgensen / Jeremy Spike Cohen (Libertarian Party)
- Brian Carroll / Amar Patel (American Solidarity Party)
- ● Trump write-in (President)
  Pence write-in (Vice-President)



Official Ballot S75
Partisan Office and Referendum
November 3, 2020

Notice to Voters: If you are voting on Election Day, your ballot must be initialed by two (2) election inspectors. If you are voting absentee, your ballot must be initialed by the municipal clerk or deputy clerk. Your ballot may not be counted without initials. (See end of ballot for initials.)

General Instructions

If you make a mistake on your ballot or have a question, ask an election inspector for help. (Absentee voters: Contact your municipal clerk.)

To vote for a name on the ballot, fill in the oval next to the name like this: ●

To vote for a name that is not on the ballot, write the name on the line marked "write-in," and fill in the oval next to the name like this: ●

Federal

When voting for President and Vice President, you have one of two choices:

- Vote for candidates on one ticket, or
- Write in names of persons on both write-in lines

A write-in vote for only a vice presidential candidate **will not be counted.**

President
Vice President
Vote for 1

- Joseph R. Biden / Kamala D. Harris (Democratic)
- ● Donald J. Trump / Michael R. Pence (Republican)
- Don Blankenship / William Mohr (Constitution)
- Jo Jorgensen / Jeremy Spike Cohen (Libertarian Party)
- Brian Carroll / Amar Patel (American Solidarity Party)
- ● Trump write-in (President)
  Pence write-in (Vice-President)

Continue voting at top of next column.

Congressional

Representative in Congress
District 2
Vote for 1

- Mark Pocan (Democratic)
- Peter Theron (Republican)
- write-in:

Legislative and State

Representative to the Assembly
District 31
Vote for 1

- Elizabeth Lochner-Abel (Democratic)
- ● Amy Loudenbeck (Republican)
- write-in:

District Attorney
Vote for 1

- David J. O'Leary (Democratic)
- write-in:

County

County Clerk
Vote for 1

- Lisa Tollefson (Democratic)
- write-in:

County Treasurer
Vote for 1

- Michelle L. Roettger (Democratic)
- write-in:

Register of Deeds
Vote for 1

- Sandy Disrud (Democratic)
- write-in:

Continue voting at top of next column.

Referendum

To vote in favor of a question, fill in the oval next to "Yes," like this: ●

To vote against a question, fill in the oval next to "No," like this: ●

Blackhawk Technical College

Question: Shall Blackhawk Technical College District, Wisconsin be authorized to issue pursuant to Chapter 67 of the Wisconsin Statutes, general obligation bonds or promissory notes in an amount not to exceed $32,000,000 for the public purpose of paying the cost of capital expenditures for the purchase or construction of buildings, building additions, remodeling and improvements, the acquisition of sites, and the purchase of fixed and other equipment at District locations, including, but not limited to development of the Public Safety & Transportation Training Center on the Central Campus in Janesville, Wisconsin?

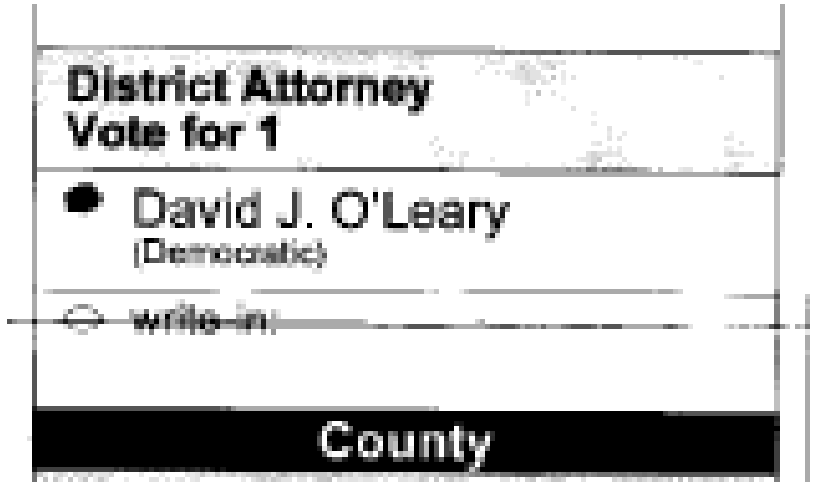
- Yes
- ● No

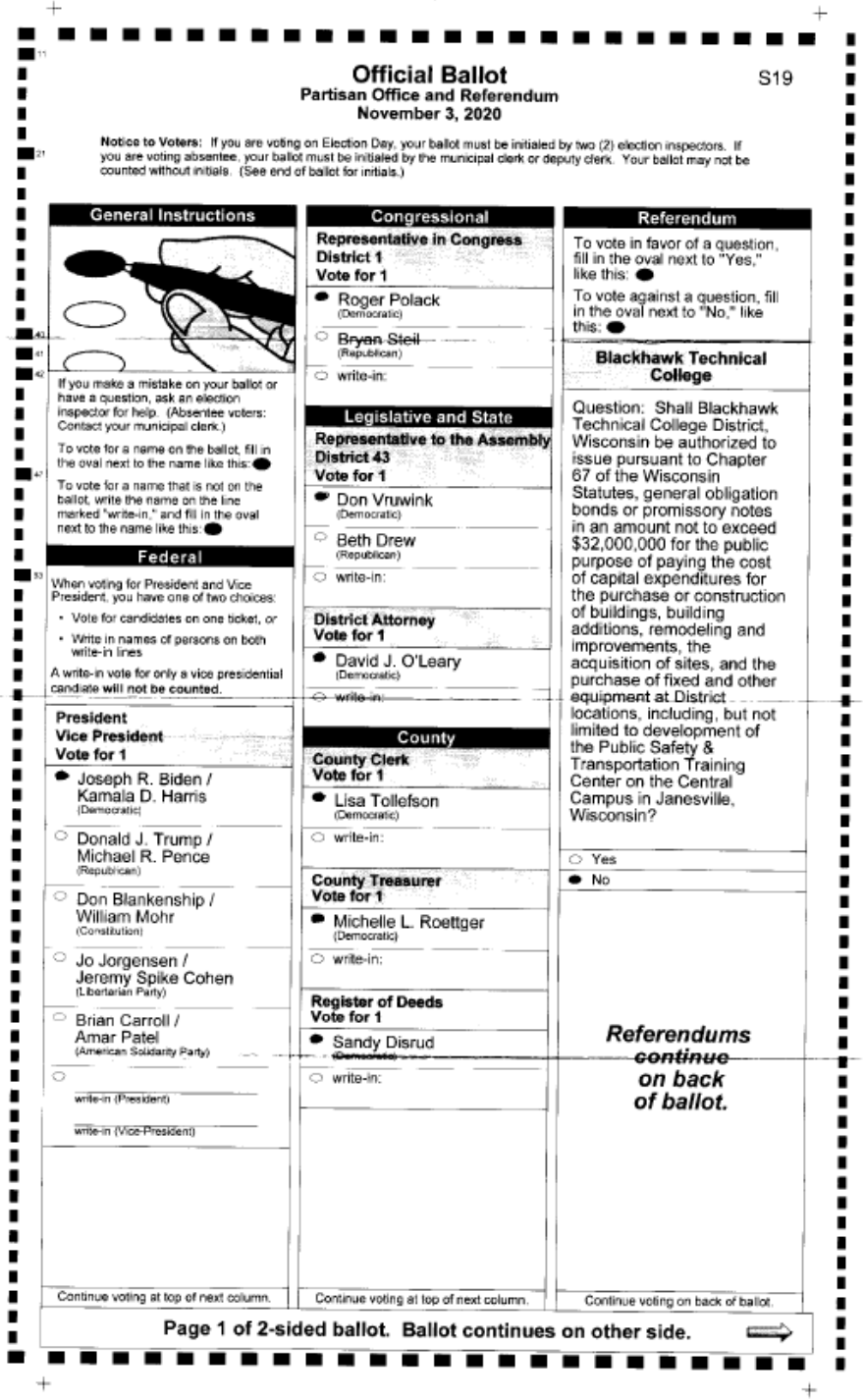
Continue voting on back of ballot.

Page 1 of 2-sided ballot. Ballot continues on other side.

Overvote(the folds)

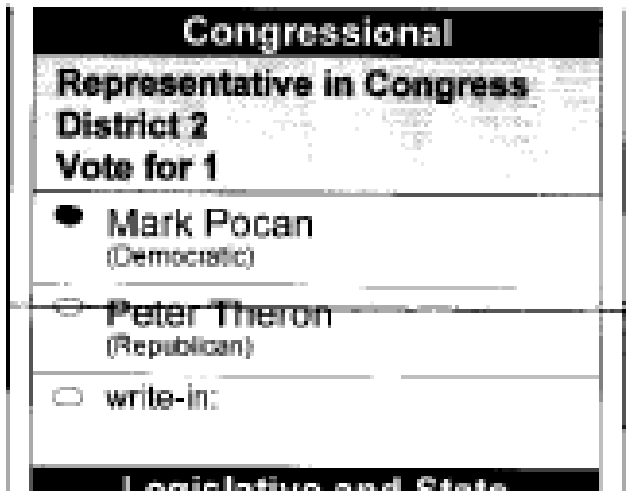
- Voter intent is lost

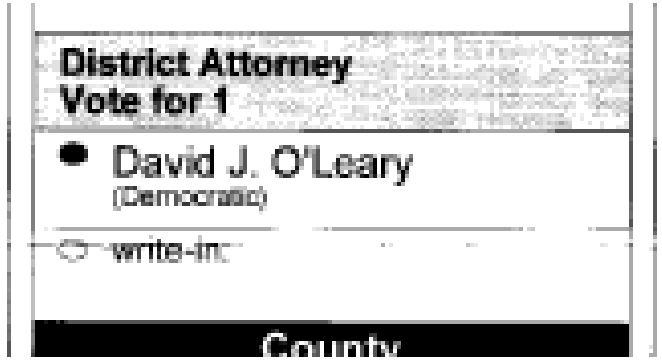


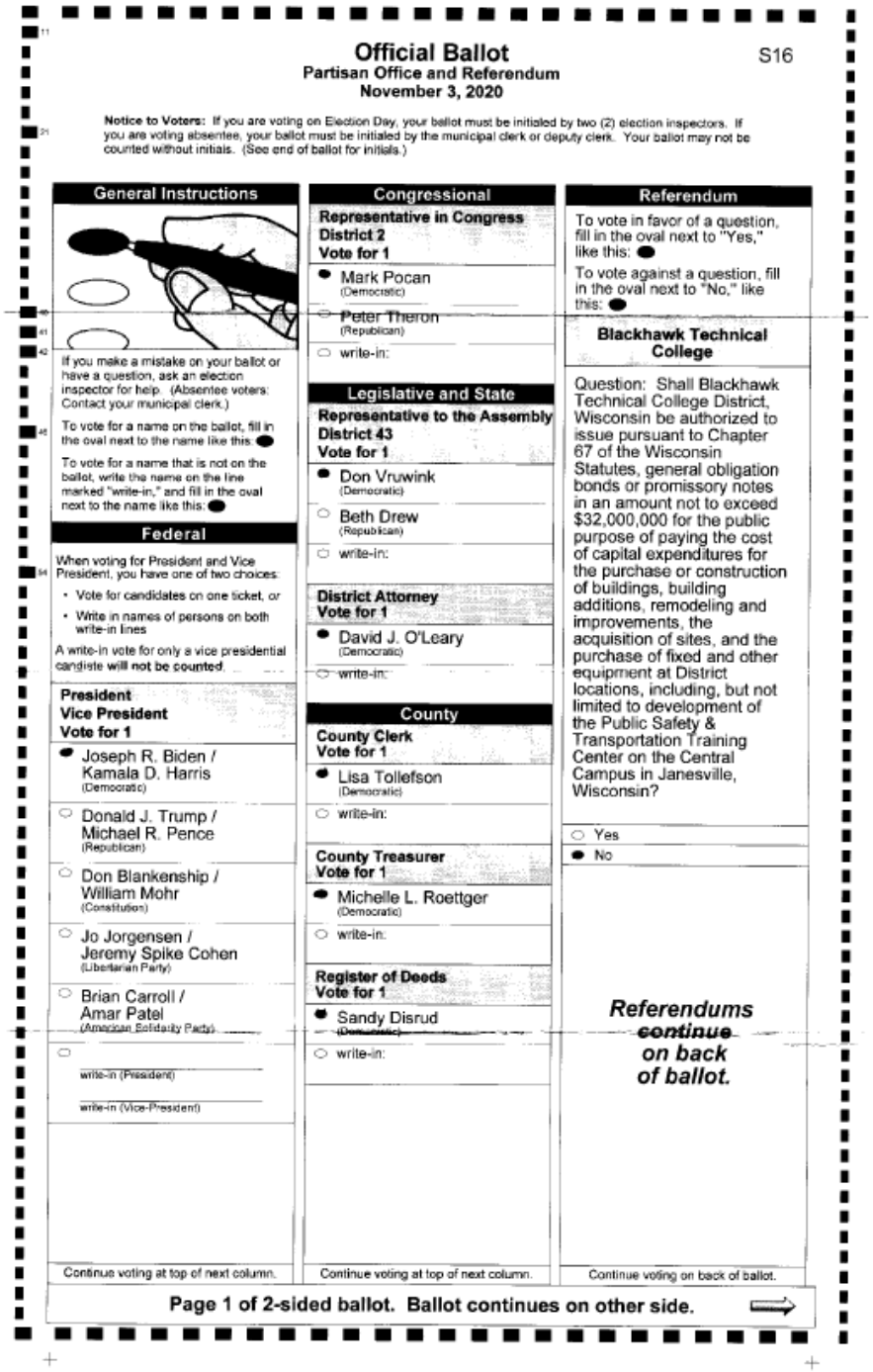


Overvote(the folds)

- Voter intent is lost







Resources

- Antivirus Research (Jan 1st 2022-July 8th 2024)
  - USCASE.ORG
- ES&S Modem Security
  - USCASE.ORG
- Hand Counting
  - USCASE.ORG
  - causeofamerica.org
- Test Decks (Logic & Accuracy)
  - USCASE.ORG

- Sign up at Cause of America
  - https://causeofamerica.org/Post/get-involved

GET READY------WY------

WY Election Code

- 22-11-103. Capabilities required.
  (d) A vendor shall file in the office of the secretary of state an application for certification of an electronic voting system and the secretary of state shall approve the application before any electronic voting system to be used in an election conducted under this code may be distributed, sold or upgraded by the vendor. The application for certification of an electronic voting system shall contain the following documentation:

  (i) Proof that the electronic voting system has been certified by the United States election assistance commission;

- (ii) Proof that the electronic voting system meets the voluntary voting system guidelines adopted by the United States election assistance commission;

Source: https://sos.wyo.gov/Forms/Publications/ElectionCode_8.5x11-07012024.pdf (Pages 47-48)

Bad Reference to VVSG (there are 4 versions now)

The EAC Voluntary Voting System Standards (VVSG)

- 2002
- 2005 (1.0)
- 2015 (1.1)
- 2021 (2.0)

Never Tested Through EAC

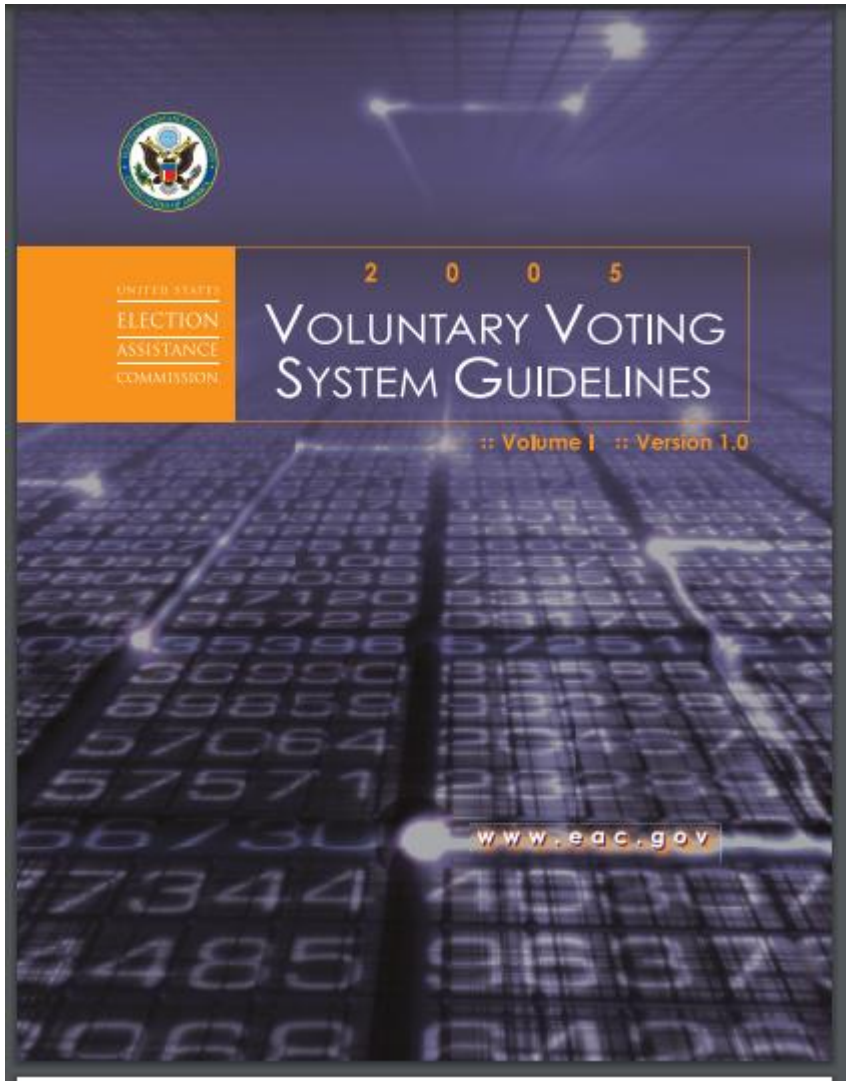
- As described in section 3 of the EAC's VVSG Lifecycle Policy, the EAC no longer accepts submissions to test new voting systems to previous major versions 12 months after new major VVSG standards are ready to be used for testing. With the accreditation of the first VSTL to test to VVSG 2.0 on November 15, 2022, **VVSG 1.0 and VVSG 1.1 are now no longer used by the EAC to certify voting systems as of November 16, 2023.**

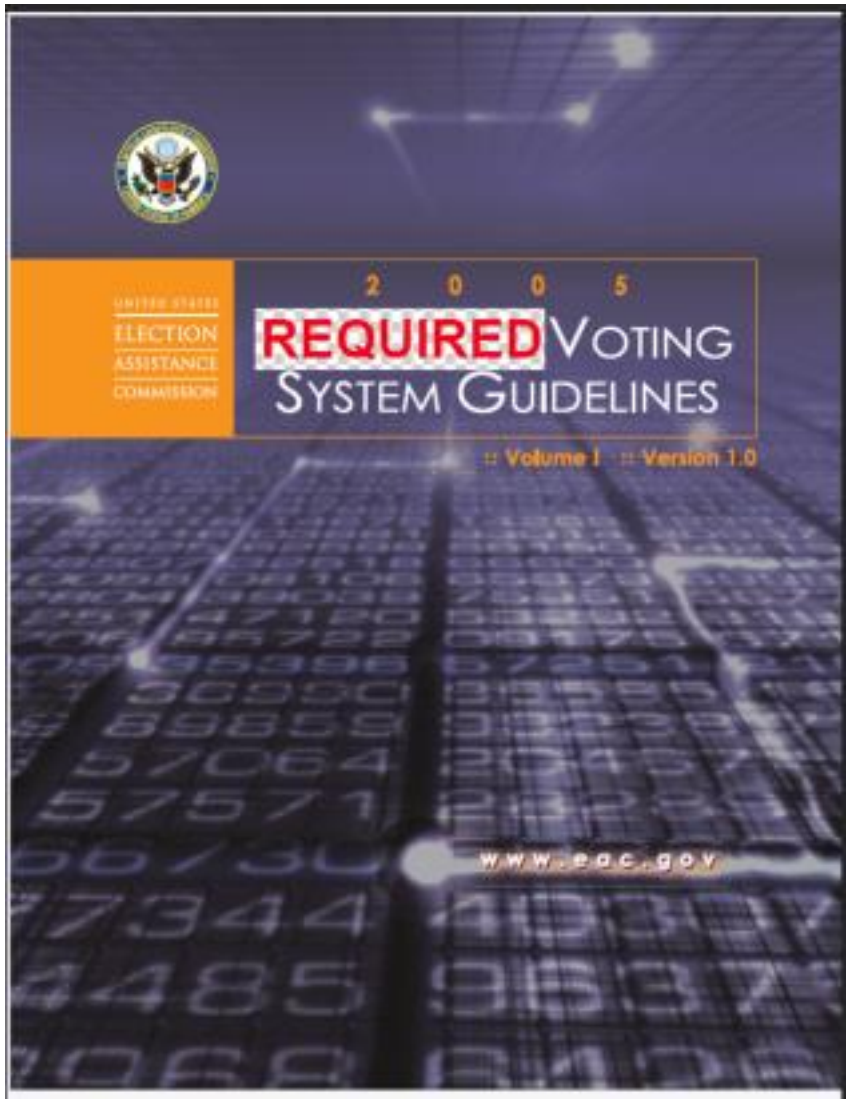
Source: https://www.eac.gov/voting-equipment/voluntary-voting-system-guidelines

Midwest Swamp Watch

Midwest Swamp Watch

Voluntary Now Becomes Required





Authority – SOS - Statute

22-11-103. Capabilities required.

(e) The secretary of state may deny an application for certification of an electronic voting system as required by subsection (d) of this section or withdraw certification of an electronic voting system for any of the following reasons:

(i) A county clerk notifies the secretary of state of and the secretary of state determines that the electronic voting system fails to meet the requirements necessary for approval of certification or ongoing certification provided in subsection (d) of this section; or

(ii) The vendor fails to notify the secretary of state of necessary enhancements or adjustments to the electronic voting system;

Source - https://sos.wyo.gov/Forms/Publications/ElectionCode_8.5x11-07012024.pdf (Pages 48-49)

Authority – WY SOS Rules

SOS Election Procedures Chapter 12 - Section 3.Grounds for Denial or Withdrawal of Certification of Voting Equipment.

The secretary of state may deny or withdraw the certification of equipment for any of the following reasons:

(a) A county clerk notifies the secretary of state of a significant problem with the equipment or the secretary of state determines there is a significant problem with the equipment;

(b) The secretary of state determines that the equipment fails to meet the requirements necessary for approval or continued compliance;

(c) The secretary of state determines there is a need for significant enhancements or adjustments to the equipment;

(d) The vendor fails to notify the secretary of state of significant enhancements or adjustments which are necessary to the equipment;

(e) Upon written request by the secretary of state, the vendor fails to submit the equipment for re-examination by an EAC/NIST certified VSTL;

(f) The equipment does not produce accurate results and reports as required by law;

(g) Changes are made in the equipment that do not comply with the requirements for certification;

(h) The equipment is no longer used by any county in Wyoming or is no longer available for purchase or repair from the company; or

(i) The equipment, vendor or its employees are found to be problematic in ensuring elections as critical infrastructure.

https://rules.wyo.gov/DownloadFile.aspx?source_id=17636&source_type_id=81&doc_type_id=110&include_meta_data=Y&file_type=pdf&filename=17636.pdf&token=09818008113022202218400713015314600007603813605 7

Authority – WY SOS Rules

SOS Election Procedures Chapter 12 - Section 4.Procedure for Notice of Possible Withdrawal of Certification and Remedy Process. At any time after the certification of equipment, the secretary of state may withdraw such certification by complying with the following procedures:

(a) Written notice of the grounds for possible withdrawal is given to the vendor. Such notice shall include the following information:

(i) The reason(s) for possible withdrawal of certification; and

(ii) The date upon which certification may be withdrawn.

(b) If the vendor is notified of grounds for a withdrawal of certification, the vendor is responsible for all fees associated with any remedy necessary to maintain certification.

(c) The vendor shall have thirty (30) days to respond to the notice of grounds for withdrawal of certification. The vendor's response shall contain one or more of the following:

(i) A description of the corrective measures taken;

(ii) An explanation as to why the problem is not significant and the reason corrective measures do not need to be taken; or

(iii) An explanation as to why there is no problem with the equipment.

(d) After receiving the vendor's response, the secretary of state shall within forty-five (45) days determine whether:

(i) The vendor's corrective measures are satisfactory;

(ii) The explanations offered are satisfactory;

(iii) Further explanation is necessary; or

(iv) Withdrawal of certification is required.

(e) The secretary of state shall notify the vendor and counties of the decision in writing within ten (10) business days after making the determination.

https://rules.wyo.gov/DownloadFile.aspx?source_id=17636&source_type_id=81&doc_type_id=110&include_meta_data=Y&file_type=pdf&filename=17636.pdf&token=0981800811302220221840071301531460000760381360 57

Authority – WY SOS Rules

SOS Election Procedures Chapter 12 - Section 5.Decertification of Voting Equipment. The secretary of state may issue a directive decertifying the equipment if the secretary of state determines that any of the following are applicable:

(a) The equipment fails to meet the requirements necessary for continued compliance;

(b) Changes are made in the equipment that do not comply with the requirements for certification;

(c) The use of the equipment could jeopardize the integrity of an election;

(d) The equipment, vendor or its employees are found to be problematic in ensuring elections as critical infrastructure; or

(e) The secretary of state determines that a single vendor is to be used for the purposes of equipment uniformity.

https://rules.wyo.gov/DownloadFile.aspx?source_id=17636&source_type_id=81&doc_type_id=110&include_meta_data=Y&file_type=pdf&filename=17636.pdf&token=0981800811302220221840071301531460000760381360 57

Authority – WY SOS Rules

SOS Election Procedures Chapter 12 - Section 6.Maintaining Certification

(a)Reporting of Upgrades and Modifications in Equipment and Software: The vendor shall notify the secretary of state of all planned upgrades, patches, and modifications to the equipment to include a description of the upgrades, patches and/or modifications and the areas impacted. The notification form shall be designed and provided by the secretary of state. No upgrades, patches, or modifications shall be applied without written approval by the secretary of state.

(b)Odd Year Reporting: By July 1 of each odd numbered year, the vendor shall certify to the secretary of state a list, by county, of the equipment being used and other related demographics as required within the reporting form that shall be designed and provided by the secretary of state.

(c)Election Year Reporting: By May 1 of each general election year, the vendor shall certify to the secretary of state a list providing information about the software and firmware versions being used by county. The reporting form shall be designed and provided by the secretary of state.

https://rules.wyo.gov/DownloadFile.aspx?source_id=17636&source_type_id=81&doc_type_id=110&include_meta_data=Y&file_type=pdf&filename=17636.pdf&token=0981800811302220221840071301531460000760381360 57

Authority – SOS Rules

SOS Election Procedures Section 3. Grounds for Denial or Withdrawal of Certification of Voting Equipment.
The secretary of state may deny or withdraw the certification of equipment for any of the following reasons:

(b) The secretary of state determines that the equipment fails to meet the requirements necessary for approval or continued compliance;

(d) The vendor fails to notify the secretary of state of significant enhancements or adjustments which are necessary to the equipment;

https://rules.wyo.gov/DownloadFile.aspx?source_id=17636&source_type_id=81&doc_type_id=110&include_meta_data=Y&file_type=pdf&filename=17636.pdf&token=0981800811302220221840071301531460000760381360 57

They Say It….At Least They Are Honest 6.0.4.0

United States Election Assistance Commission

VVSG 2005 VER. I

EAC CERTIFIED

Certificate of Conformance

ES&S EVS 6.0.4.0

The voting system identified on this certificate has been evaluated at an accredited voting system testing laboratory for conformance to the *Voluntary Voting System Guidelines Version 1.0 (VVSG 1.0)* . 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: EVS

Model or Version: 6.0.4.0

Name of VSTL: SLI Compliance

EAC Certification Number: ESSEVS6040

Date Issued: May 3, 2019

Executive Director

Scope of Certification Attached

Midwest Swamp Watch

Source: https://www.eac.gov/sites/default/files/voting_system/files/EVS6040_Cert_Scope%28FINAL%29.pdf

ES&S 6.0.4.0 (2020 – WY Purchase)

- Windows 7 (Support Ended Jan 14th, 2020)
- 22/23 counties have the dell laptops
- Out of date Antivirus – Norton Jan 22nd 2019 is latest update on it.
- FTP Server 10.0.5 is out of date and not supported.
- Laptops on purchase order Latitude 3500 are not certified for use.
- Modems are not EAC certified for use…
- https://www.eac.gov/sites/default/files/voting_system/files/EVS6040_Cert_Scope%28FINAL%29.pdf

United States Election Assistance Commission

Certificate of Conformance

ES&S EVS 6.0.4.0

VVSG 2005 VER. 1

EAC CERTIFIED

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Product Name: EVS

Model or Version: 6.0.4.0

Name of VSTL: SLI Compliance

EAC Certification Number: ESSEVS6040

Date Issued: May 3, 2019

Executive Director

Scope of Certification Attached

DS200	2.17.4.0	1.2.1, 1.2.3, 1.3, 1.3.11		Precinct Count Tabulator

ES&S 6.0.4.0 Certified Hardware

COTS Hardware

Manufacturer	Hardware	Model/Version
Dell	EMS Server	PowerEdge T420, T630
Dell	EMS Client or Standalone Workstation	Latitude 5580, E6430 OptiPlex 5040, 5050, 7020
Dell	Trusted Platform Module (TPM) Chip version 1.2	R9X21
Innodisk	USB EDC H2SE (1GB) for ExpressVote 1.0	DEEUH1-01GI72AC1SB
Innodisk	USB EDC H2SE (16GB) for ExpressVote 2.1	DEEUH1-16GI72AC1SB
Delkin	USB Flash Drive (512MB, 1GB, 2GB, 4GB, 8GB)	N/A
Delkin	Validation USB Flash Drive (16 GB)	N/A
Delkin	USB Embedded 2.0 Module Flash Drive	MY16TNK7A-RA042-D/ 16 GB
Delkin	Compact Flash Memory Card (1GB)	CE0GTFHHK-FD038-D
Delkin	Compact Flash Memory Card Reader/Writer	6381
Delkin	CFAST Card (2GB, 4GB)	N/A
Lexar	CFAST Card Reader/Writer	LRWCR1TBNA
CardLogix	Smart Card	CLXSU128kC7/ AED C7
CardLogix	Smart Card	CLXSU128kC7/ AED C7
SCM Microsystems	Smart Card Writer	SCR3310
Avid	Headphones	86002
Zebra Technologies	QR code scanner (Integrated)	DS457-SR20009, DS457-SR20004ZZWW
Symbol	QR Code scanner (External)	DS9208
Dell	DS450 Report Printer	S2810dn
OKI	DS450 and DS850 Report Printer	B431dn, B431d, B432DN
OKI	DS450 and DS850 Audit Printer	Microline 420
APC	DS450 UPS	Back-UPS Pro 1500, Smart-UPS 1500
APC	DS850 UPS	Back-UPS RS 1500, Pro 1500
Tripp Lite	DS450 and DS850 Surge Protector	Spike Cube
Seiko Instruments	Thermal Printer	LTPD-347B
NCR/Nashua	Paper Roll	2320
Fujitsu	Thermal Printer	FTP-62GDSL001, FTP-63GMCL153

Source: https://www.eac.gov/sites/default/files/voting_system/files/EVS6040_Cert_Scope%28FINAL%29.pdf

ES&S 6.0.6.0 (Windows 10 – WY Upgrade 2022 Elections)

- Windows 10 – 4/19/2021
- Windows Defender N/A is version
- Norton Removed
- FTP Server 11.0.07 out of date.
- PostgreSQL 11
- Laptop Hardware not conforming…
- DS200 Change are modems still there?

United States Election Assistance Commission

VVSG 2005 VER. 1

Certificate of Conformance

ES&S EVS 6.0.6.0

EAC CERTIFIED

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Product Name: EVS

Model or Version: 6.0.6.0

Name of VSTL: Pro V&V

EAC Certification Number: ESSEVS6060

Date Issued: December 28, 2021

Mona Harrington

Executive Director

Scope of Certification Attached

System Component	Software or Firmware Version	Hardware Version	Model	Comments
DS200	2.21.0.0	1.2, 1.3		Precinct count tabulator that scans voter selections from both sides of the ballot simultaneously

Midwest Swamp Watch

They Say It....At Least They Are Honest

Midwest Swamp Watch

United States Election Assistance Commission

Certificate of Conformance

ES&S EVS 6.0.6.0

VVSG 2005 VER. I

EAC CERTIFIED

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Product Name: EVS

Model or Version: 6.0.6.0

Name of VSTL: Pro V&V

EAC Certification Number: ESSEVS6060

Date Issued: December 28, 2021

Mona Harrington

Executive Director

Scope of Certification Attached

Source:
https://www.eac.gov/sites/default/files/voting_system/files/ES%26S%20EVS%206060%20Certificate%20and%20Scope%20of%20Conformance%2012_28_21.pdf

ES&S 6.0.6.0 Certified Hardware

Midwest Swamp Watch

COTS Hardware

Manufacturer	Hardware	Model/Version
Dell	EMS Server	PowerEdge T430, T440, T630
Dell	EMS Client or Standalone Workstation	Latitude 5580, OptiPlex 5040, 5050, 7020
Dell	Trusted Platform Module (TPM) Chip 1.2 and 2.0 (optional)	5.63.3353.0
Toshiba	EMS Standalone	Tecra A50-C
Innodisk	USB EDC H2SE (1GB) for ExpressVote 1.0	DEEUH1-01GI72AC1SB
Innodisk	USB EDC H2SE (16GB) for ExpressVote 2.1	DEEUH1-16GI72AC1SB
Delkin	2.0 USB Flash Drive (512MB, 1GB, 2GB, 4GB, 8GB)	N/A
Delkin	3.0 USB Flash Drive (4GB, 8GB, 16GB, 32GB, 256GB)	N/A

Manufacturer	Hardware	Model/Version
Delkin	USB Embedded 2.0 Module Flash Drive	MY08TQJ7A-RA000-D / 8GB
Delkin	USB Embedded 2.0 Module Flash Drive	MY16TNK7A-RA042-D/ 16 GB
Delkin	Compact Flash Memory Card (1GB)	CE0GTFHHK-FD038-D
Delkin	Secure Compact Flash Card (2GB)	CE02TLQCK-FD000-D
Delkin	Compact Flash Memory Card Reader/Writer	6381
Delkin	CFAST Card (2GB, 4GB)	N/A
Delkin	CFAST Card Reader/Writer	DDREADER48
Delkin	USB Flash Drive BitLocker 32.2 MB Storage for Security Key (optional)	Storage for security key (optional)
Lexar	CFAST Card Reader/Writer	LRWCR1TBNA
YubiKey USB drive	Dual Factor Authentication	5A Series
Avid	Headphones	86002
Zebra Technologies	QR Code Scanner (integrated)	DS457-SR20009, DS457-SR20004ZZWW
Symbol	QR Code Scanner (external)	DS9208
Dell	DS450 Report Printer	S2810dn
OKI	DS450, DS850 and DS950 Report Printer	B431dn, B431d, B432DN
OKI	DS450 and DS850 Audit Printer	Microline 420
APC	DS450 UPS	Back-UPS Pro 1500, Smart-UPS 1500
APC	DS850 UPS	Back-UPS RS 1500, Pro 1500
CyberPower	DS950 UPS	OR1500PFCLCD
Tripp Lite	DS450 Surge Protector	Spike Cube
Seiko Instruments	Thermal Printer	LTPD-347B
NCR/Nashua	Paper Roll	2320
HP Inkjet	Ink Cartridge for DS450/DS850 Ballot Number Imprinting	87002
TDS	Ink Cartridge for DS200 Ballot Stamping	2278

Source:
https://www.eac.gov/sites/default/files/voting_system/files/ES%26S%20EVS%206060%20Certificate%20and%20Scope%20of%20Conformance%2012_28_21.pdf

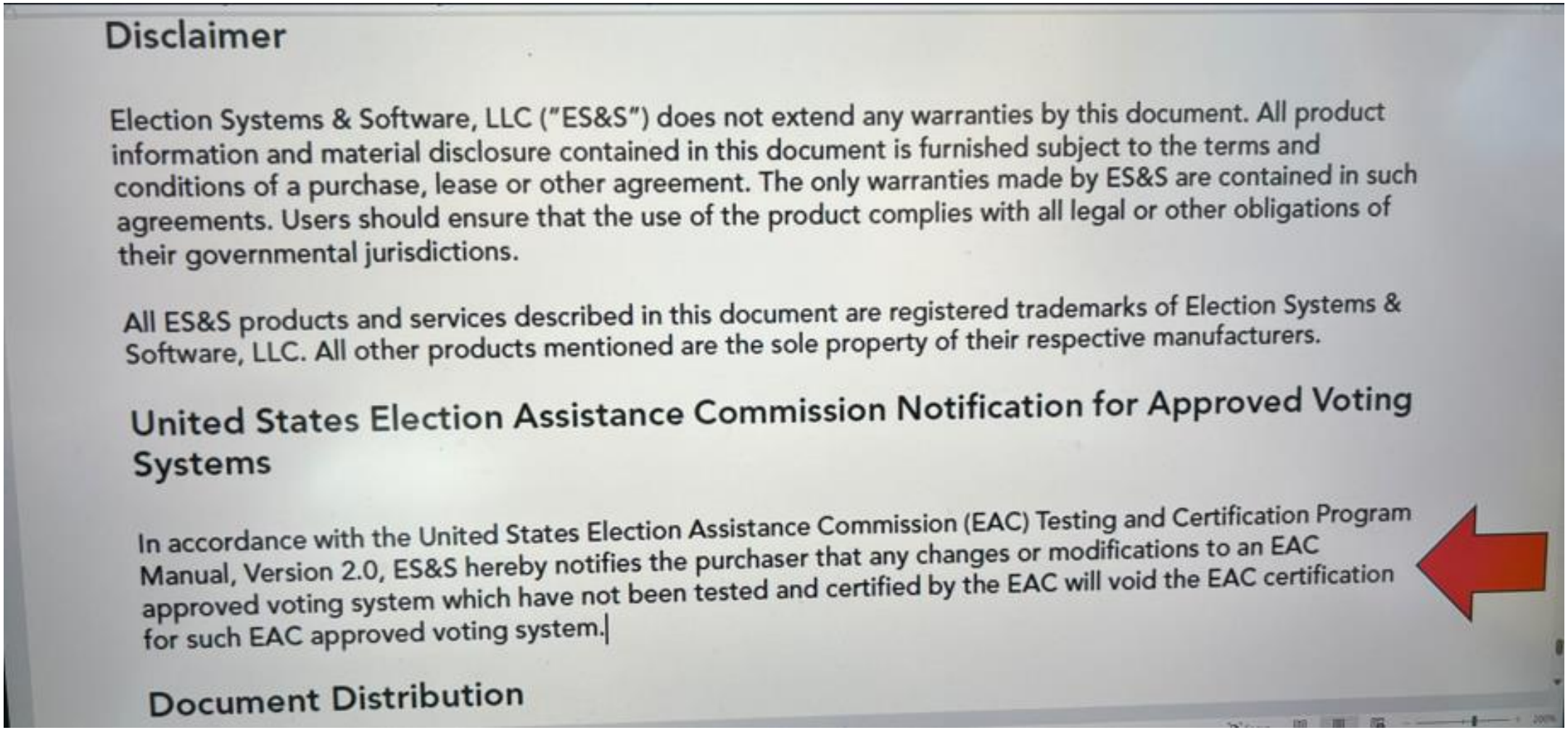
6.0.6.0 Certified Dell Hardware Allowed

Midwest Swamp Watch

COTS Hardware

Manufacturer	Hardware	Model/Version
Dell	EMS Server	PowerEdge T430, T440, T630
Dell	EMS Client or Standalone Workstation	Latitude 5580, OptiPlex 5040, 5050, 7020
Dell	Trusted Platform Module (TPM) Chip 1.2 and 2.0 (optional)	5.63.3353.0
Toshiba	EMS Standalone	Tecra A50-C
Innodisk	USB EDC H2SE (1GB) for	DEEUH1-01GI72AC1SB

ES&S Disclaimer – Raises Questions



Disclaimer

Election Systems & Software, LLC ("ES&S") does not extend any warranties by this document. All product information and material disclosure contained in this document is furnished subject to the terms and conditions of a purchase, lease or other agreement. The only warranties made by ES&S are contained in such agreements. Users should ensure that the use of the product complies with all legal or other obligations of their governmental jurisdictions.

All ES&S products and services described in this document are registered trademarks of Election Systems & Software, LLC. All other products mentioned are the sole property of their respective manufacturers.

United States Election Assistance Commission Notification for Approved Voting Systems

In accordance with the United States Election Assistance Commission (EAC) Testing and Certification Program Manual, Version 2.0, ES&S hereby notifies the purchaser that any changes or modifications to an EAC approved voting system which have not been tested and certified by the EAC will void the EAC certification for such EAC approved voting system.

Document Distribution

Dell Latitude 3500 & OkiData Printer C712 and what is the “router” These Items Are Not Certified for Use

AMENDMENT ONE TO THE CONTRACT BETWEEN THE STATE OF WYOMING, OFFICE OF THE SECRETARY OF STATE AND ELECTION SYSTEMS & SOFTWARE, LLC

Compact Ballot On Demand Printer	Ballot On Demand Printer	OkiData	C712	$2,375.00	40	$95,000.00
Ballot On Demand Laptop with Router	Ballot On Demand Laptop	Dell	Latitude 3500	$1,320.00	40	$52,800.00
Election Management System Hardware for Non-Modeming Counties (Dell Desktop Computer with Battery Backup, Symantec Endpoint Protection, Adobe Acrobat, Windows 7 Enterprise, and Report Printer)	EMS System for Reporting Software and Ballot Creation (Where Applicable)	Various	Various	$3,382.00	22	$74,404.00

Midwest Swamp Watch

So Wait.....Did You Notice the DS200 Models

FREE SPEECH FOR PEOPLE .ORG

National Election Defense Coalition

January 7, 2020

Chairwoman Christy McCormick
Vice Chair Benjamin Hovland
U.S. Election Assistance Commission
1335 East West Highway, Suite 4300
Silver Spring, Maryland 20910
cmccormick@eac.gov
bhovland@eac.gov

RE: **Request to investigate ES&S for misrepresentations regarding EAC certification of voting machines with modems**

Dear Chairwoman McCormick,

https://freespeechforpeople.org/wp-content/uploads/2020/01/eac.ess-letter-re-modems-with-attachments-01.07.20.pdf

POLITICO

CYBERSECURITY

Election commission orders top voting machine vendor to correct misleading claims

This isn't the first time Election Systems & Software has faced accusations of making fabricated or misleading assertions about its voting machines.

By KIM ZETTER
08/13/2020 05:00 PM EDT

The federal Election Assistance Commission has rebuked the nation's top voting-machine maker over marketing materials that the panel says deceptivel implied the company's voting machines are EAC-certified.

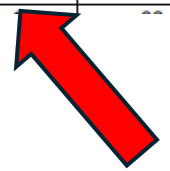
The commission admonished Election Systems & Software over promotional literature and statements on its website that appear to assert, falsely, that voting machines the company sells with embedded modems have been sanctioned by the EAC under its testing and certification program. The statements put ES&S in violation of the EAC's testing and certification rules, the commission wrote in a previously unreported March 20 letter to the company that POLITICO obtained, and directed ES&S to revise the literature and notify customers that the systems are not certified.

https://www.politico.com/news/2020/08/13/election-voting-machine-misleading-claims-394891

ES&S DS200 Models 6.0.4.0 Vs 6.0.6.0

System Component	Software or Firmware Version	Hardware Version	Model	Comments
Electionware	5.0.4.0			
ES&S Event Log Service	1.6.0.0			
Removable Media Service	1.5.1.0			
ExpressVote HW 1.0	1.5.2.0	1.0		Paper-based vote capture and selection device
ExpressVote Previewer (1.0)	1.5.2.0			
ExpressVote HW 2.1	2.4.5.0	2.1.0.0 2.1.2.0		Hybrid paper-based vote capture and selection device and precinct count tabulator
ExpressVote Previewer (2.1)	2.4.5.0			
DS200	2.17.4.0	1.2.1, 1.2.3, 1.3, 1.3.11		Precinct Count Tabulator

System Component	Software or Firmware Version	Hardware Version	Model	Comments
Electionware	5.0.6.0			Election management software that provides end-to-end election management activities
ES&S Event Log Service (ELS)	2.0.0.0			Logs users' interactions with EMS
Removable Media Service	2.0.0.0			Utility that runs in the background of the Windows operating system
DS200	2.21.0.0	1.2, 1.3		Precinct count tabulator that scans voter selections from both sides of the ballot simultaneously



Midwest Swamp Watch

SySTOR Not Certified

SySTOR "Your Ultimate Source of Digital Storage"

866. 444. 1876 | Mon - Fri 8:00AM - 4:00PM PST

SIGN IN | REGISTER | SHOPPING CART | CHECKOUT | CONTACT US

Select Language | Search Item | SEARCH

GSA Government Orders GS-35F-333BA Click Here

European Buyers www.duplicators4all.com

M.2 NVMe PCIe Duplicator / Sanitizer | Hard Drive Duplicator / Sanitizer | Flash Media Duplicator | CD DVD BD Blu-ray Duplicator

M.2 NVMe PCIe Duplicator / Sanitizer
- NX Series - Supports M.2
- YL Series - Supports M.2 & SATA SSD/HDD
- M2 Series - Supports M.2
- HC Series - Supports M.2 & SATA SSD/HDD
- XW Series - Supports M.2 & SATA SSD/HDD
- SF Series - Supports M.2 & SATA SSD/HDD

Hard Drive Duplicator / Sanitizer
- Tower SATA HDD/SSD Duplicator
- Flatbed SATA HDD/SSD Duplicator
- Rackmount SATA HDD/SSD Duplicator
- External USB-Powered HDD/SSD Duplicator
- Portable SATA HDD/SSD Duplicator

Flash Media Duplicator
- USB Flash Drive Duplicator
- SD MicroSD Card Duplicator
- CF Memory Card Duplicator
- External USB-Powered HDD/SSD Duplicator
- USB to CD DVD Duplicator
- MultiMedia Center Duplicator
- MultiMedia Center Plus Duplicator
- All-In-One USB/SD/CF Combo Disc Duplicator
- eUSB Drive Duplicator
- CFast Card Duplicator

CD DVD BD Blu-ray Duplicator
- CD DVD Duplicator
- Blu-ray Duplicator
- USB to CD DVD Duplicator
- MultiMedia Center Duplicator
- MultiMedia Center Plus Duplicator

Systor 1:7 USB Duplicator & Sanitizer 2GB/Min - Flash Memory Drive Copier/Eraser SYS-USBD-7

Price: $625.00

Quantity in Basket: *None*

Code: **SYS-USBD-7**

Quantity: 1

Warranty:

3 years labor, 1 year parts warranty ($0)

USB External Hard Drive Upgrade:

None

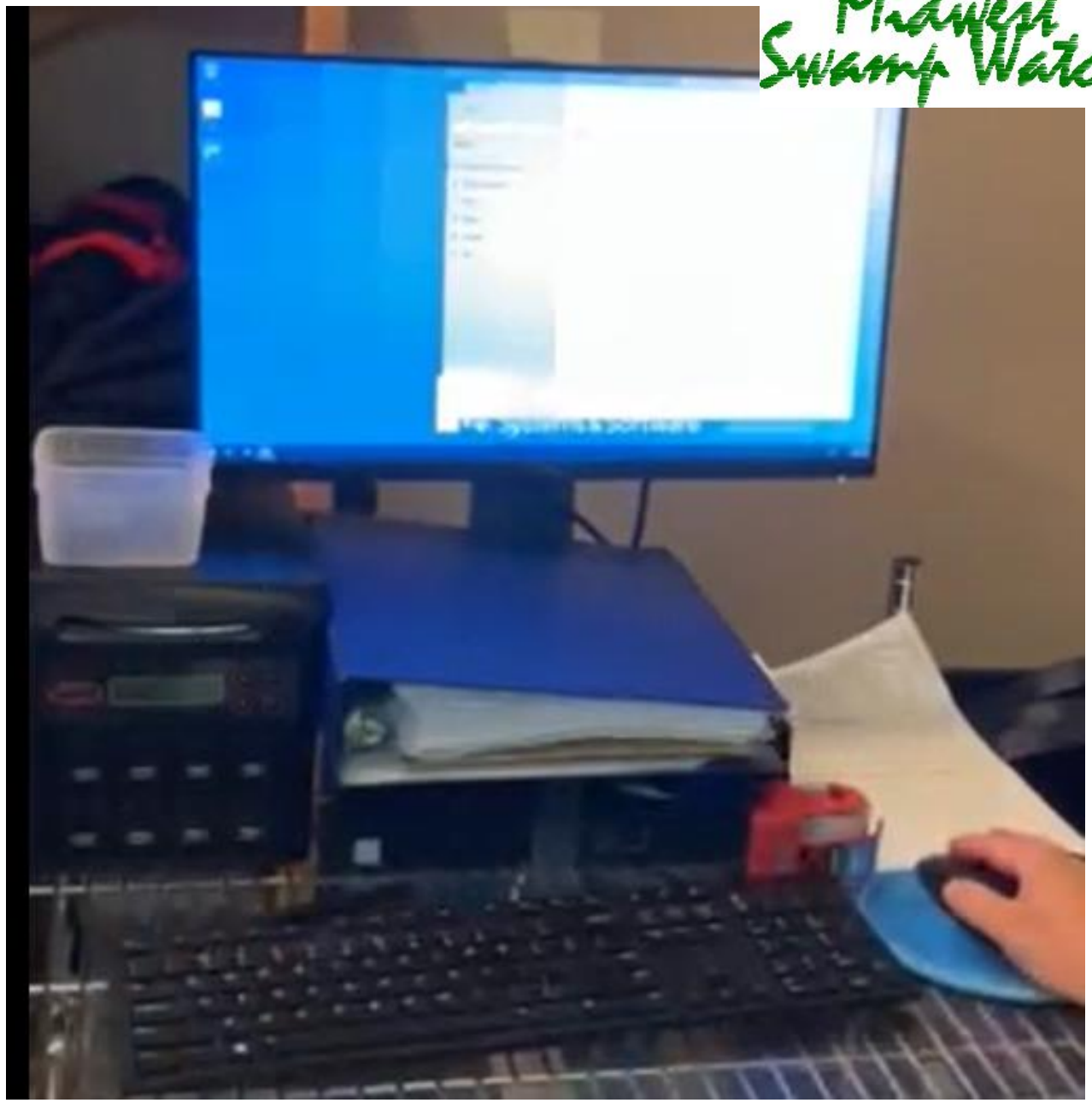
Add To Basket

98 available for immediate delivery

1 to 7 USB Duplicator / Multi Flash USB Card Drive Copier

Overview:

The USB Duplicators is a Digital Media Revolution that conveniently copies portable USB storage drives without a computer. Advanced asynchronous duplication means no waiting and no interruption as each channel can independently load, unload, and copy. The new USB Duplicators also features user friendly 4-key control with LCD, high speed duplication and bit-by-bit Compare function to confirm successful copies. Reliable, affordable, and convenient, the USB Duplicators are the best companion for any industry



Midwest Swamp Watch

Crook County 7/24/2024

SySTOR Not Certified or Reviewed by the EAC

Q: 5. Are the duplicators manufactured by Pioneer/Nec/Sony?

A: No, they just provide the drives. All the other vital parts such as the controllers, cases, power supply, etc. are from different manufactures. **The duplicator is assembled and tested in our warehouse.**

https://esystor.com/mm5/merchant.mvc?Screen=FAQ&Order=0&Store_Code=duplicator

Midwest Swamp Watch

ES&S 6.0.6.0 Certified Hardware

COTS Hardware

Manufacturer	Hardware	Model/Version
Dell	EMS Server	PowerEdge T430, T440, T630
Dell	EMS Client or Standalone Workstation	Latitude 5580, OptiPlex 5040, 5050, 7020
Dell	Trusted Platform Module (TPM) Chip 1.2 and 2.0 (optional)	5.63.3353.0
Toshiba	EMS Standalone	Tecra A50-C
Innodisk	USB EDC H2SE (1GB) for ExpressVote 1.0	DEEUH1-01GI72AC1SB
Innodisk	USB EDC H2SE (16GB) for ExpressVote 2.1	DEEUH1-16GI72AC1SB
Delkin	2.0 USB Flash Drive (512MB, 1GB, 2GB, 4GB, 8GB)	N/A
Delkin	3.0 USB Flash Drive (4GB, 8GB, 16GB, 32GB, 256GB)	N/A

Manufacturer	Hardware	Model/Version
Delkin	USB Embedded 2.0 Module Flash Drive	MY08TQJ7A-RA000-D / 8GB
Delkin	USB Embedded 2.0 Module Flash Drive	MY16TNK7A-RA042-D/ 16 GB
Delkin	Compact Flash Memory Card (1GB)	CE0GTFHHK-FD038-D
Delkin	Secure Compact Flash Card (2GB)	CE02TLQCK-FD000-D
Delkin	Compact Flash Memory Card Reader/Writer	6381
Delkin	CFAST Card (2GB, 4GB)	N/A
Delkin	CFAST Card Reader/Writer	DDREADER48
Delkin	USB Flash Drive BitLocker 32.2 MB Storage for Security Key (optional)	Storage for security key (optional)
Lexar	CFAST Card Reader/Writer	LRWCR1TBNA
YubiKey USB drive	Dual Factor Authentication	5A Series
Avid	Headphones	86002
Zebra Technologies	QR Code Scanner (integrated)	DS457-SR20009, DS457-SR20004ZZWW
Symbol	QR Code Scanner (external)	DS9208
Dell	DS450 Report Printer	S2810dn
OKI	DS450, DS850 and DS950 Report Printer	B431dn, B431d, B432DN
OKI	DS450 and DS850 Audit Printer	Microline 420
APC	DS450 UPS	Back-UPS Pro 1500, Smart-UPS 1500
APC	DS850 UPS	Back-UPS RS 1500, Pro 1500
CyberPower	DS950 UPS	OR1500PFCLCD
Tripp Lite	DS450 Surge Protector	Spike Cube
Seiko Instruments	Thermal Printer	LTPD-347B
NCR/Nashua	Paper Roll	2320
HP Inkjet	Ink Cartridge for DS450/DS850 Ballot Number Imprinting	87002
TDS	Ink Cartridge for DS200 Ballot Stamping	2278

Source:
https://www.eac.gov/sites/default/files/voting_system/files/ES%26S%20EVS%206060%20Certificate%20and%20Scope%20of%20Conformance%2012_28_21.pdf

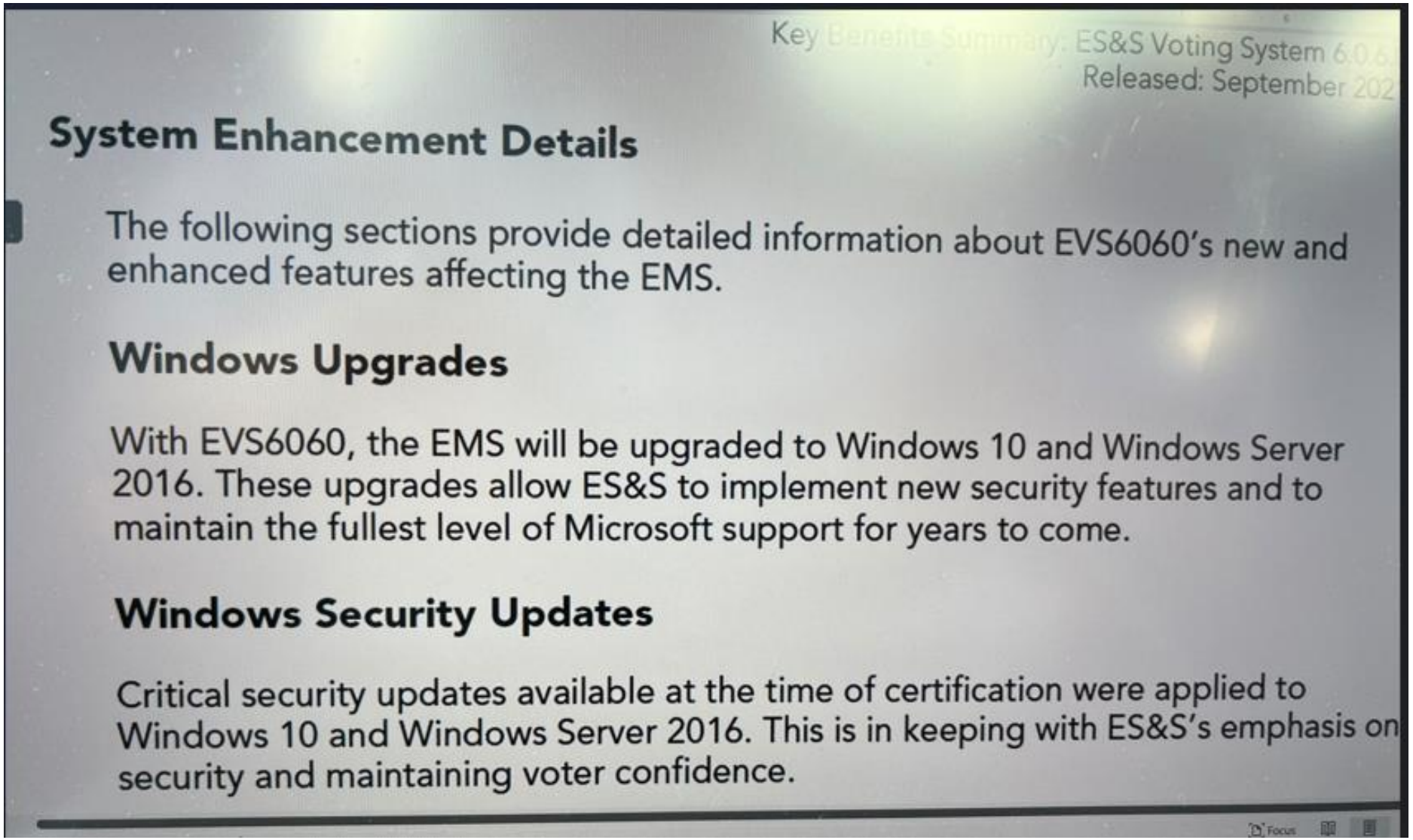
ES&S 6.0.6.0 Status

COTS Software

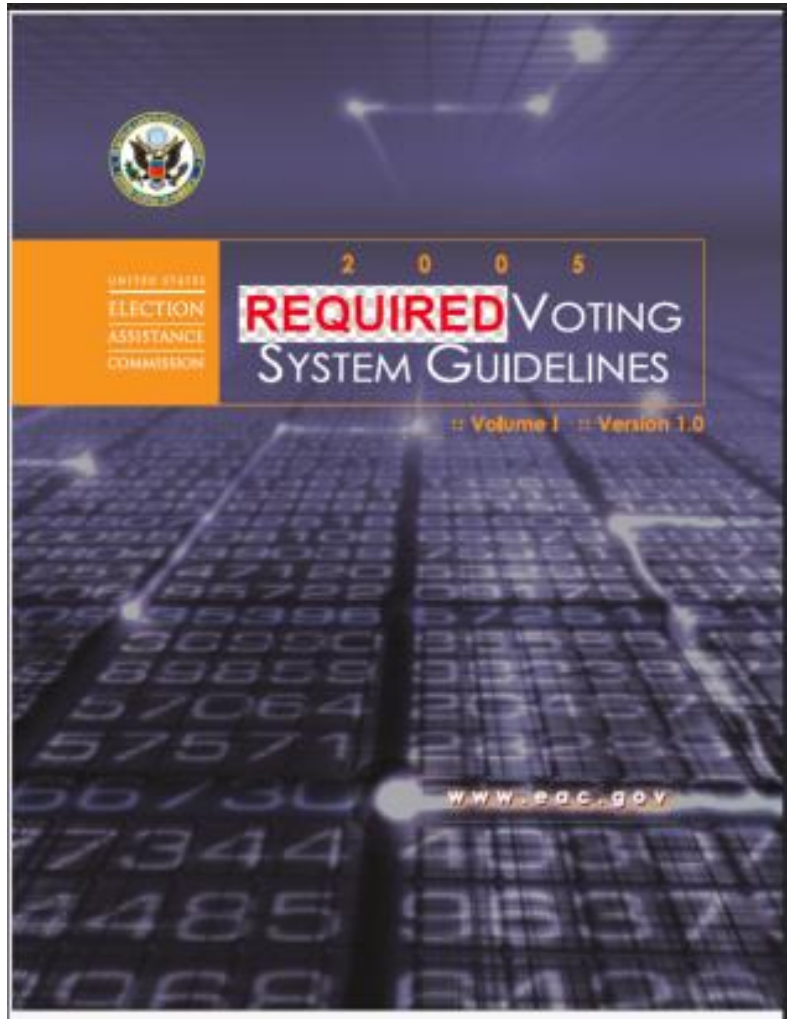
Manufacturer	Application	Version
Microsoft Corporation	Windows Server 2016	WIN2016_6060.iso
Microsoft Corporation	Windows 10 Enterprise LTSC	WIN10_6060.iso
Microsoft Corporation	Windows Updates (Software updates included in the OS image)	Package date: WIN10_6060.iso-4/19/2021 WIN2016_6060.iso-4/19/2020
Microsoft Corporation	Windows Defender Antivirus (Configured within the OS image)	N/A

Midwest Swamp Watch

ES&S Statement 6.0.6.0



7.4.2 - Protection Against Malicious Software



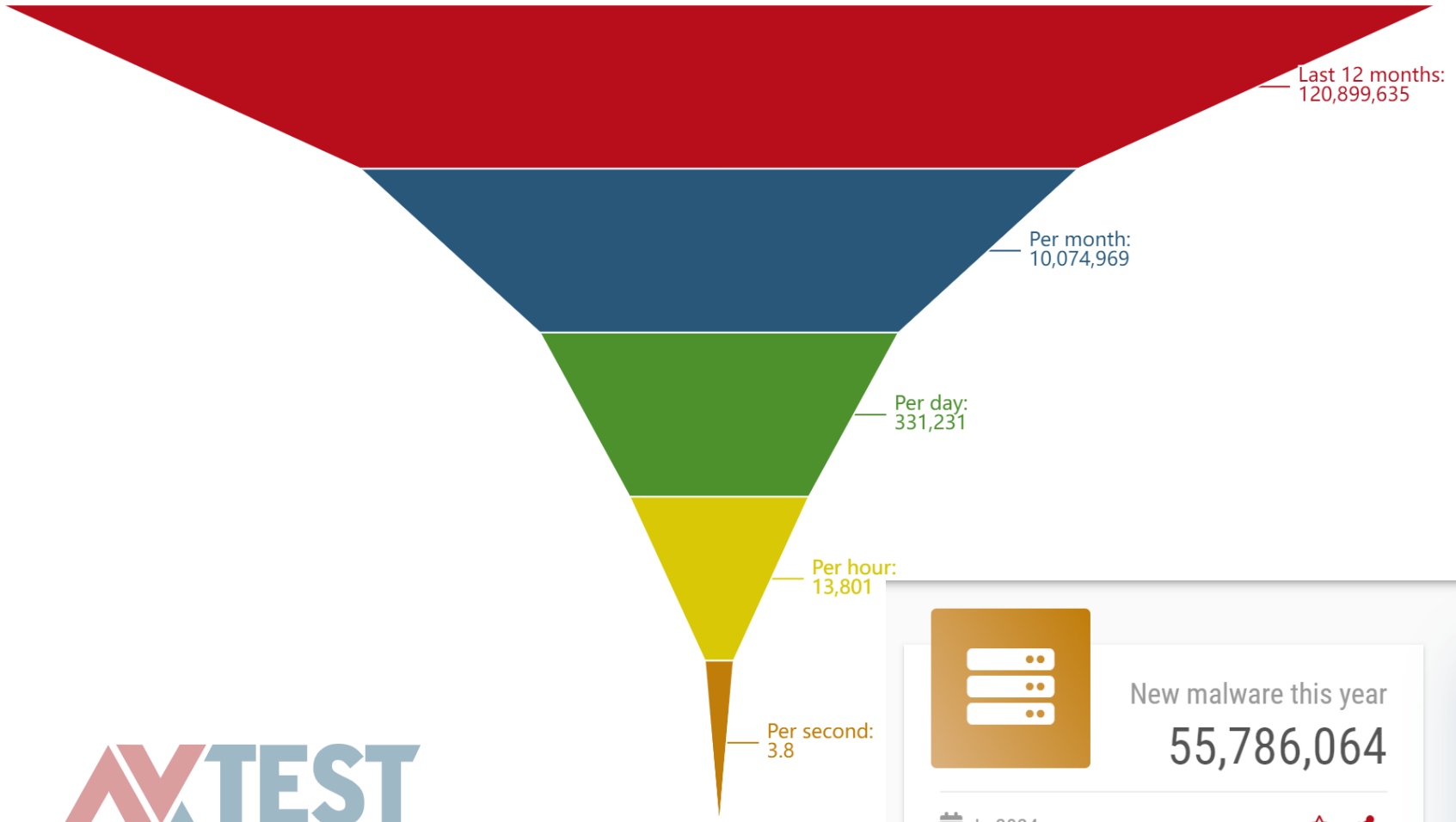
- 7.4.2 Protection Against Malicious Software Voting systems shall deploy protection against the many forms of threats to which they may be exposed such as file and macro viruses, worms, Trojan horses, and logic bombs. **Vendors shall develop and document the procedures to be followed to ensure that such protection is maintained in a current status.**

Midwest Swamp Watch

Current Risk in the United States

Midwest Swamp Watch

NEW MALWARE AND PUA PER SECOND

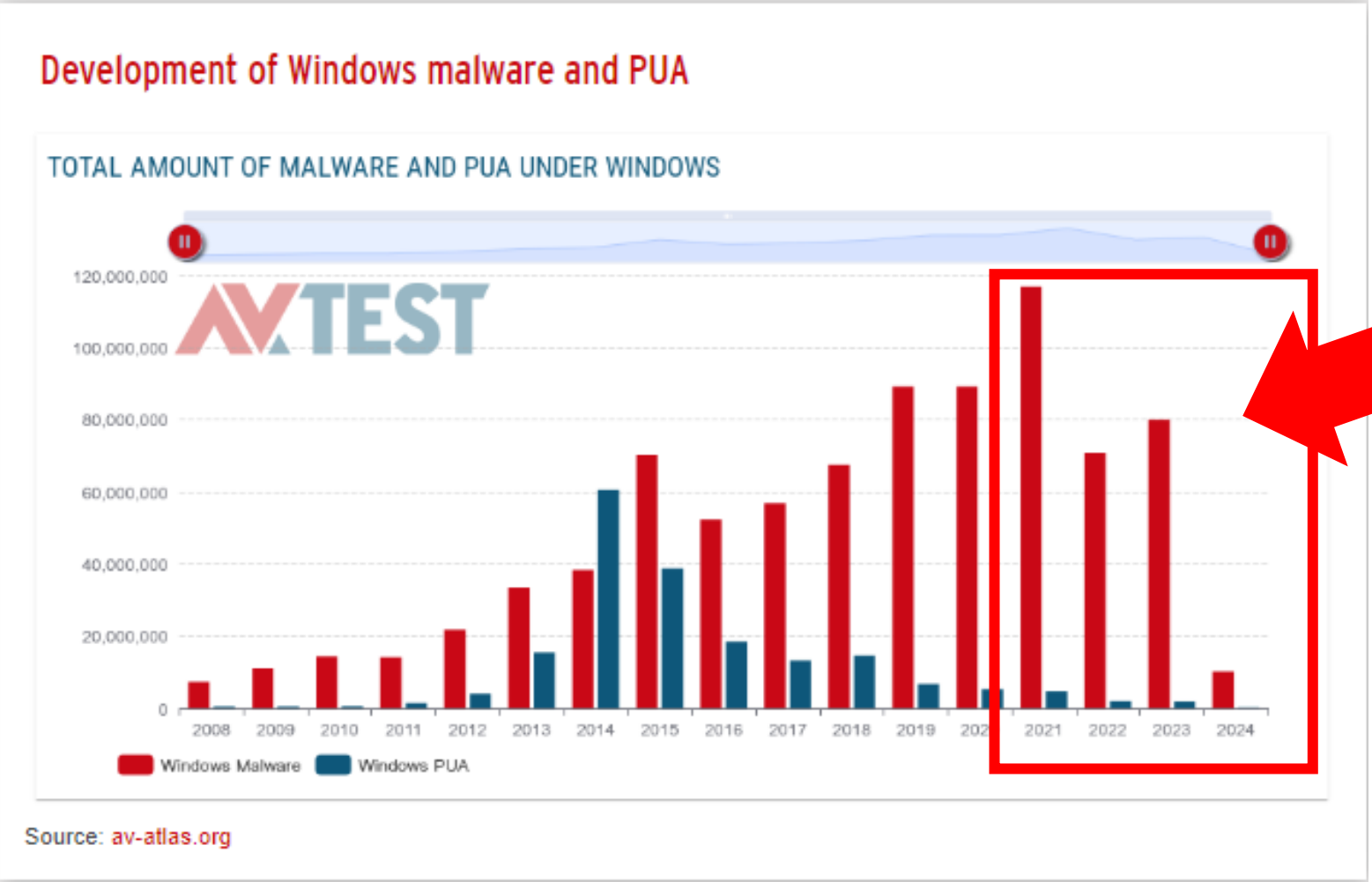


AV-TEST

New malware this year
55,786,064
In 2024

New malware in the l...
3,346,703
In the last 14 days.

ES&S Electionware 6.0.6.0
WY is At **HIGH** Risk



What's not detected or covered

Midwest Swamp Watch

Midwest Swamp Watch

ES&S Engineering Change Orders 6.0.6.0

Baseline Certification Engineering Change Orders (ECO)

This table depicts the ECOs certified with the voting system:

Change ID	Date	Component	Description	Inclusion
ECO 1089	10/08/20	ExpressVote XL	Updated Bios, Assembly and PCB modifications	De minimis
ECO 1100	10/15/20	ExpressVote v1.0	EV 1.0 Copy Right Information	De minimis
ECO 1103	12/22/20	ExpressVote v2.1	Update CMOS battery	De minimis
ECO 1106	02/19/21	ExpressVote 2.1	Add conductive gasketing to exit guide	De minimis
ECO 1110	07/28/21	DS850	Added alternate manufacturer for camera cable	De minimis

Engineering Change Orders 6.0.6.0 – Does WY Have This Update?

ES&S ECO 1141

Wednesday, June 8, 2022

Share ›

Manufacturer

Election Systems & Software, Inc (ES&S)

Testing Lab

Pro V&V

Impacted Device/System

EVS 6.2.0.0, EVS 6.0.6.0

Windows 10, Windows Server 2016

Date Submitted by Manufacturer

05/31/2022

Date Approved by EAC

06/08/2022

Short Description of Changes

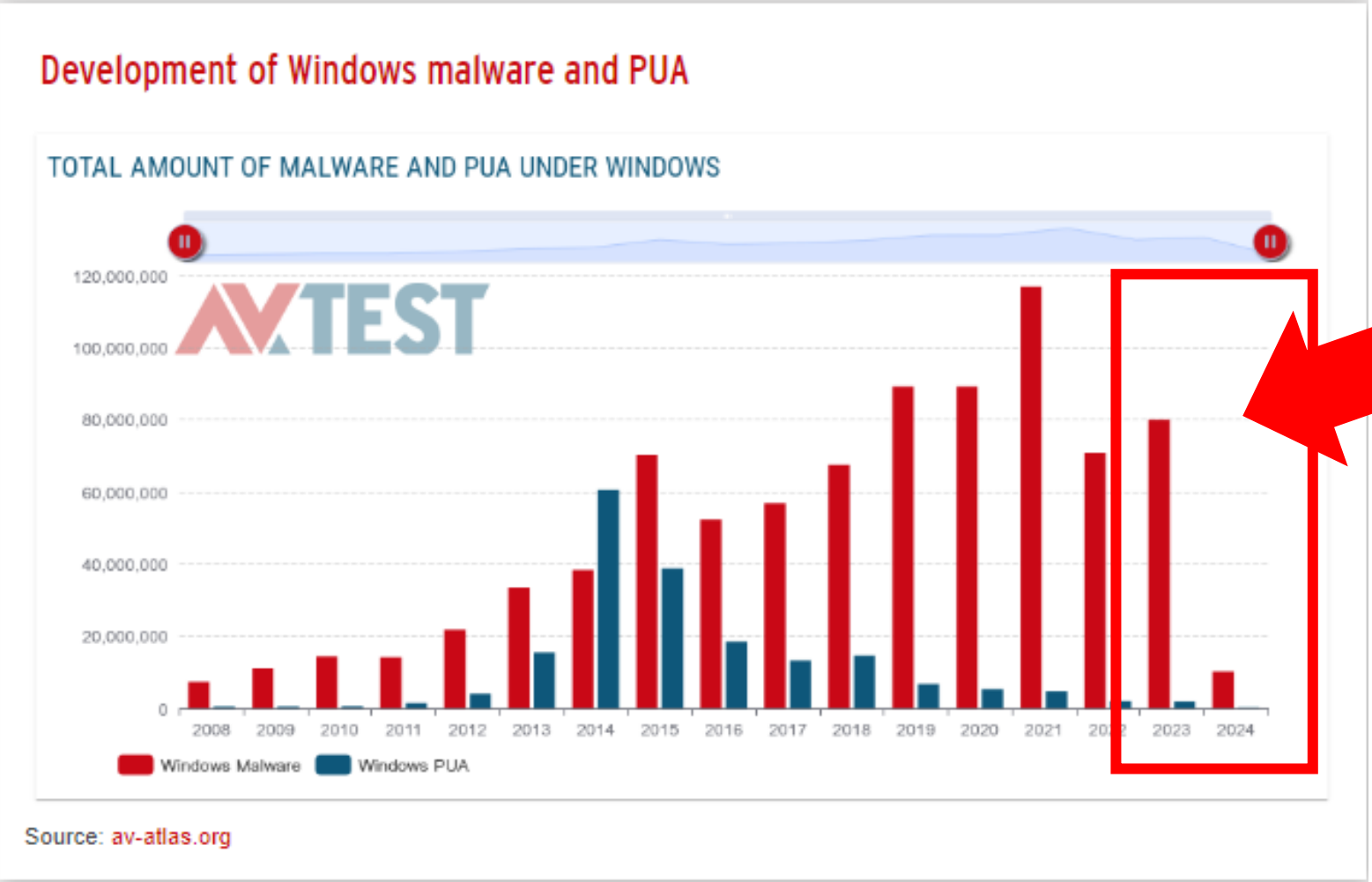
This ECO addresses the Critical Vulnerability CVE-2021-34527, also known as PrintNightmare, in the Windows Operating System. It also updates antivirus definitions for the applicable EVS systems.

Additional Documentation

ESS ECO 1141 Approval 6.8.22.pdf (161.7 KB)
ES&S ECO 1141 Analysis.pdf (227.23 KB)

Midwest Swamp Watch

ES&S Electionware 6.0.6.0
WY is At **HIGH** Risk



What's not detected or covered

Midwest Swamp Watch

ES&S Engineering Change Orders 6.1.1.0 (Example)

Change ID	Date	Component	Description	Inclusion
ECO 1029	9/24/19	ExpressVote	Upgrade to 8GB Innodisk on EV 1.0	DeMinimis Optional
ECO 1034	10/28/19	ExpressVote Voting Booth	Enhanced Voting Booth	DeMinimis Optional
ECO 1035	2/13/20	DS200	Improve thermal stability and higher resolution calibration characteristics.	DeMinimis Optional
ECO 1041	10/28/19	ExpressVote XL	Add brace to Wheel Struts	DeMinimis Optional
ECO 1043	10/30/19	ExpressVote	Add 16G Innodisk to EV 1.0	DeMinimis Optional
ECO 1044	9/13/19	DS200 Ballot Tote	Add ballot Tote Bag	DeMinimis Optional
ECO 1047	2/28/20	ExpressVote XL	Aesthetic changes, modifications to cart and curtain hardware.	DeMinimis Optional
ECO 1054	02/14/20	ExpressVote/ExpressVote XL	Update Ballot Bin	DeMinimis Optional
ECO 1055	12/19/19	DS200 Ballot Bin tote	Add Ballot Tote Bag	DeMinimis Optional

Midwest Swamp Watch

ES&S Risks & EAC Response

2) With the VVSG 1.0 7.4.2 Protection Against Malicious Software, where it specifically states "Voting systems shall deploy protection against the many forms of threats to which they may be exposed such as file and macro viruses, worms, Trojan horses, and logic bombs. Vendors shall develop and document the procedures to be followed to ensure that such protection is maintained in a current status." Should counties/states ask for Engineering Change Orders to be able to update the Antivirus definition files of the system before an election, to ensure the security of their systems? I see that many jurisdictions are using ES&S 6.1.1.0, and the antivirus of the laptop and desktops are stuck at March 29th, 2019....

PA

Paul Aumayr <paumayr@eac.gov>

To: Rick Weible

Wed 3/27/2024 10:42 AM

Good morning

In response to your questions submitted yesterday:

1. If the laptop is being used as part of an EAC certified voting system, then yes, the county should look to have the vendor submit an engineering change order. Adding new models of laptop to an already certified system with an ECO is very common, and is one of the most frequently used reasons for ECO submissions.
2. The ECO process can be used to update antivirus definition files and other security updates to voting systems. This was the subject of a Notification of Clarification (NOC) issued in 2019, which can be found on our website: https://www.eac.gov/noc-19-01

Sincerely,

Paul Aumayr | Sr. Election Technology Specialist
Election Assistance Commission
633 3rd Street NW, Suite 200 | Washington, DC 20001
www.eac.gov
| PAumayr@EAC.gov

Midwest Swamp Watch

EAC 2019 Statement

Purpose:

The de minimis change process is used by the EAC to allow minor modifications to a certified voting system. In the past, this has been applied primarily to hardware changes as software changes often require a new version and build. Additionally, past practice has been that if a de minimis change required VSTL testing, it was classified as a system modification.

Clarification:

The EAC has determined that allowing software de minimis changes is necessary to confront a rapidly evolving cybersecurity threat environment as well as allowing Manufacturers to quickly respond to changing jurisdictional requirements, where those requirements can be addressed with minor changes.

Source:
https://www.eac.gov/sites/default/files/voting_equipment/NOC19.01_SoftwareDeMinimisChanges_11-15-2019.pdf

Software de minimis changes should have 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 (e.g. adding ballot marking device functionality to a previously certified DRE component);
6. Can be reviewed and/or tested by VSTL personnel in a short amount of time (approximately less than 100 hours).

Conclusion:

As of the date of this Clarification, the EAC will consider software de minimis changes submitted in accordance with the Testing and Certification Program Manual, Version 2.0 with the following clarifications:

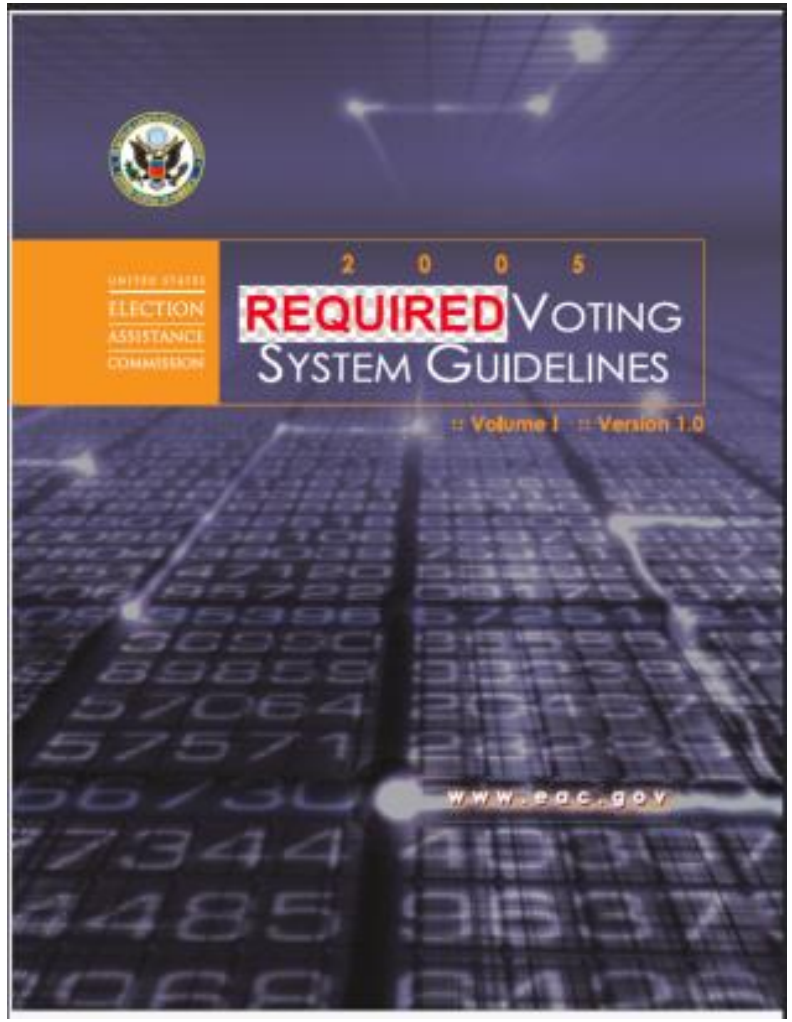
Section 3.4.3.2.2 will be interpreted as allowing minimal VSTL testing as deemed necessary to confirm the change (approximately less than 100 hours).

Section 3.4.3.2.3 will be **added**:

3.4.3.2.3 The validated hashes, trusted builds, and version listing for all software modules changed.

Midwest Swamp Watch

7.4.2 - Protection Against Malicious Software



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ES&S Has Newer Systems

EVS 6.0.6.0	Election Systems & Software, Inc (ES&S)	VVSG 1.0 (2005)	2021-12-28
EVS 6.1.0.0	Election Systems & Software, Inc (ES&S)	VVSG 1.0 (2005)	2019-09-24
EVS 6.1.1.0	Election Systems & Software, Inc (ES&S)	VVSG 1.0 (2005)	2020-07-27
EVS 6.2.0.0	Election Systems & Software, Inc (ES&S)	VVSG 1.0 (2005)	2021-12-23
EVS 6.3.0.0	Election Systems & Software, Inc (ES&S)	VVSG 1.0 (2005)	2022-11-11
EVS 6.4.0.0	Election Systems & Software, Inc (ES&S)	VVSG 1.0 (2005)	2023-08-18

Midwest Swamp Watch

Still At High Risk

United States Election Assistance Commission

Certificate of Conformance

ES&S EVS 6.4.0.0

The voting system identified on this certificate has been evaluated at an accredited voting system testing laboratory for conformance to the *Voluntary Voting System Guidelines Version 1.0 (VVSG 1.0)* . 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 2.0* 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: EVS

Model or Version: 6.4.0.0

Name of VSTL: Pro V&V

EAC Certification Number: ESSEVS6400

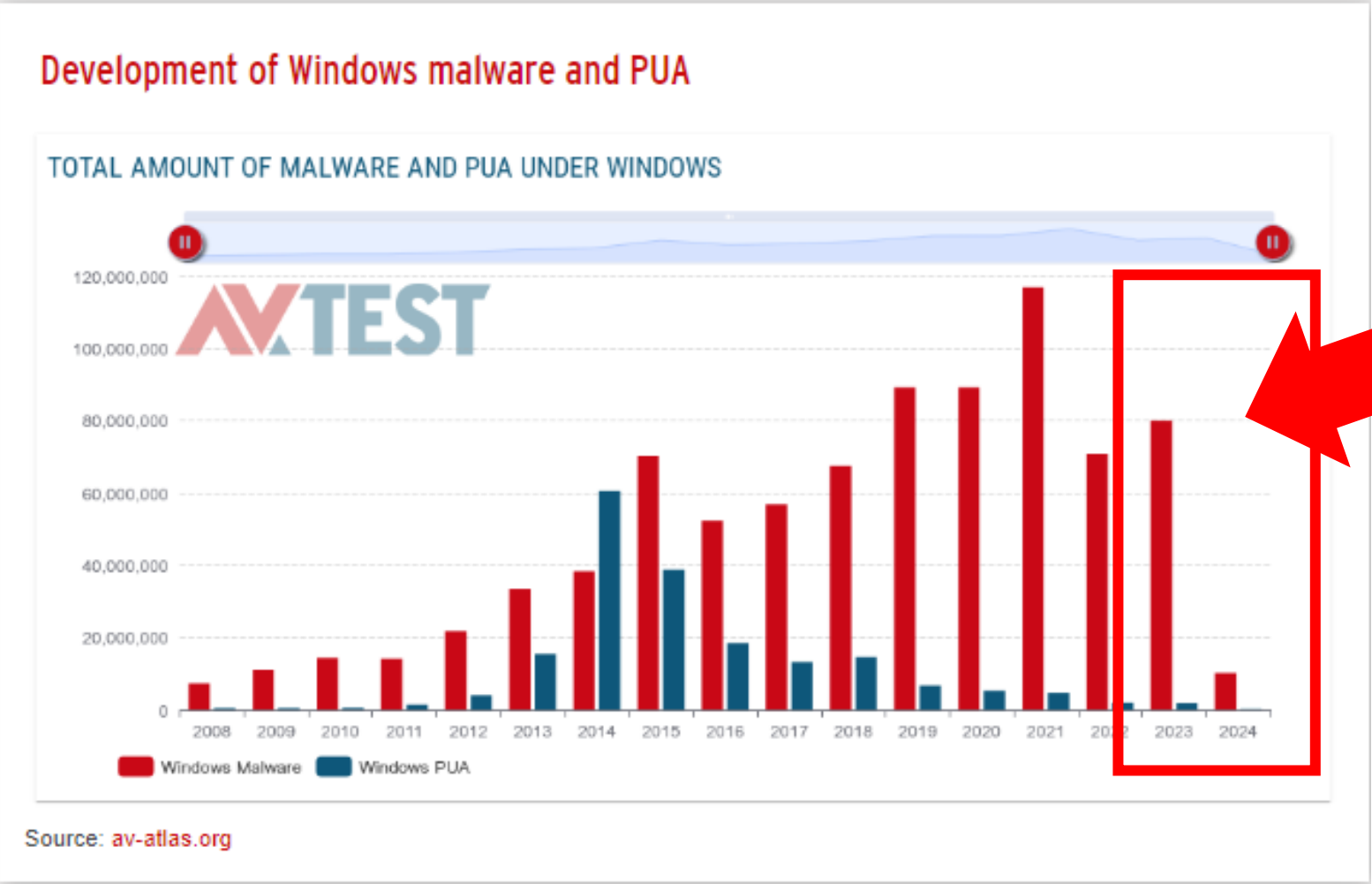
Date Issued: 08/18/2023

7/24/2024 – No Change Orders for Windows Updates for 6.4.0.0

COTS Software

Manufacturer	Application	Version
Microsoft Corporation	Windows 10 Enterprise LTSC	WIN10_6400.iso
Microsoft Corporation	Windows Server 2022	WIN2022_6400.iso
Microsoft Corporation	Windows Updates (Software updates included in the OS image)	Package date: WIN10_6400.iso - 12/02/2022 WIN2022_6400.iso - 12/02/2022
Microsoft Corporation	Windows Defender Antivirus (Configured within the OS image)	N/A

ES&S Electionware 6.4.0.0
WY is At **HIGH** Risk

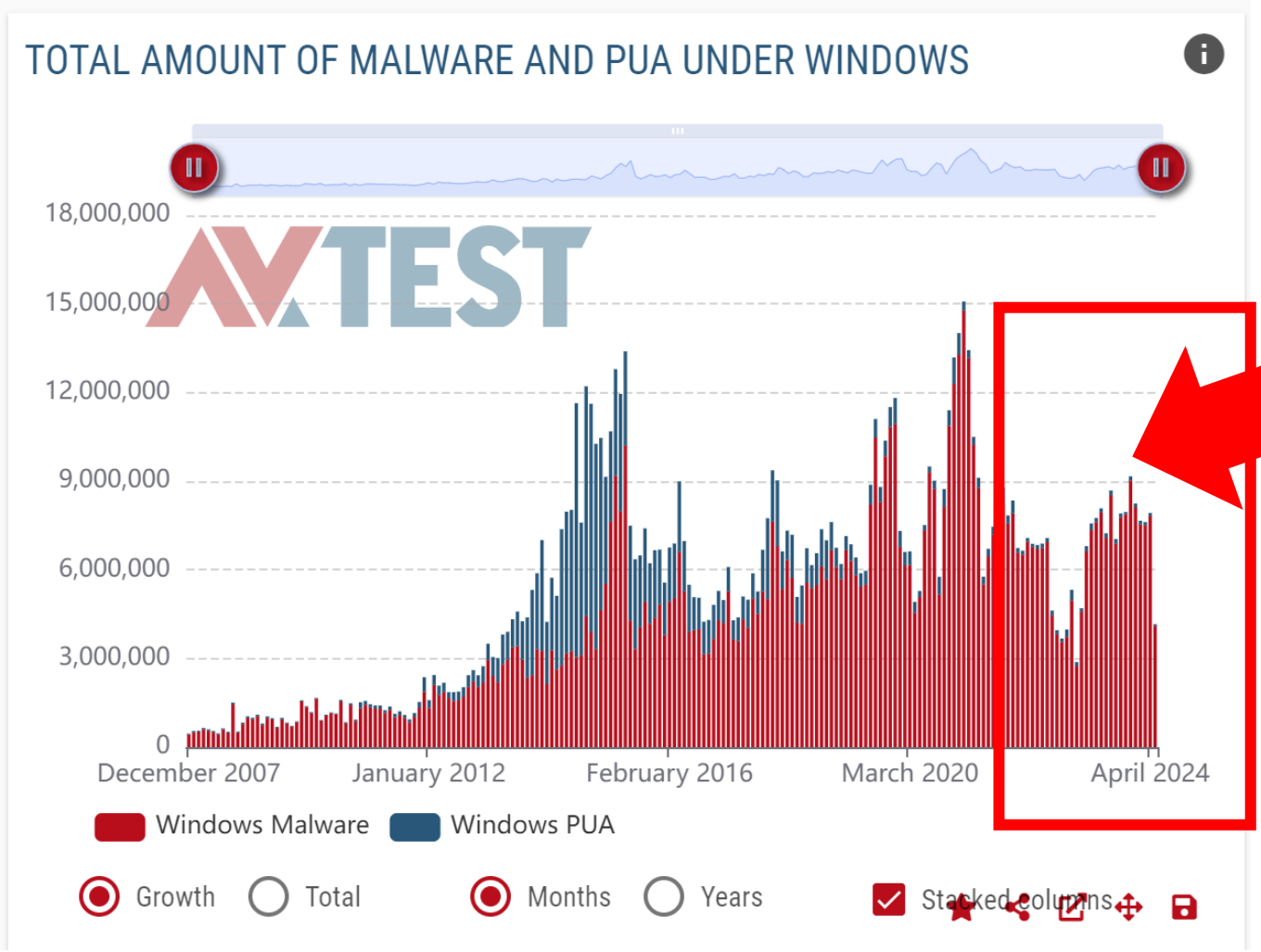


What's not detected or covered

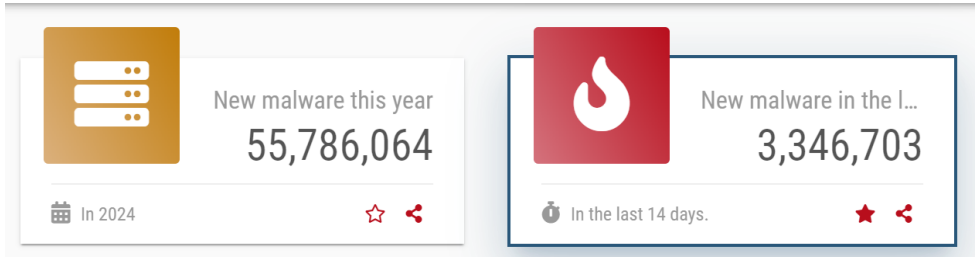
Midwest Swamp Watch

ES&S Electionware 6.4.0.0
WY is At **HIGH** Risk

Midwest Swamp Watch



What's not detected or covered



Argument - There is not time to fix this

- The EAC's VVSG 1.0 standards adopted in 2005.
- Codified into law by most of the States.
- It is so broken it can not be fixed.
- EAC lacks proper oversight.
- EAC has not taken proper action
- WY is using uncertified equipment in its elections
  - Dell Laptop for Ballot on demand printing.
  - OkiData Printer
  - SySTOR Thumb Drive Duplicator

Midwest Swamp Watch

What is our backup plan?

NewsBreak Original
https://original.newsbreak.com › A. Nicole

FBI Director Tells Ohio Sheriff, "There are More Red Flags ...

Feb 10, 2024 — In response to alarming **warnings** from the FBI about potential terrorist attacks on the United States, Butler County **Sheriff** Richard Jones is ...

US says it blocked a China cyber threat, but warns hackers could still disrupt lives of Americans

The sheriff said he believes a terror attack is imminent and he wants Butler County to be ready.

22-11-107. Failure of automatic tabulating equipment.

If the automatic tabulating equipment fails during the ballot count, the counting board shall use an alternate method of counting the ballots.

By Jennifer Edwards Baker and Ken Brown
Published: Feb. 8, 2024 at 4:31 AM CST

That's where FBI Director Christopher Wray told the sheriffs that red flag warnings for terrorism threats against Americans are at their highest ever and the Chinese are ready to American infrastructure like electrical grids and water treatment plants if the U.S. and China ever go to war.

Butler County sheriff changes how it arms, trains deputies after FBI director's ominous warning

Midwest Swamp Watch

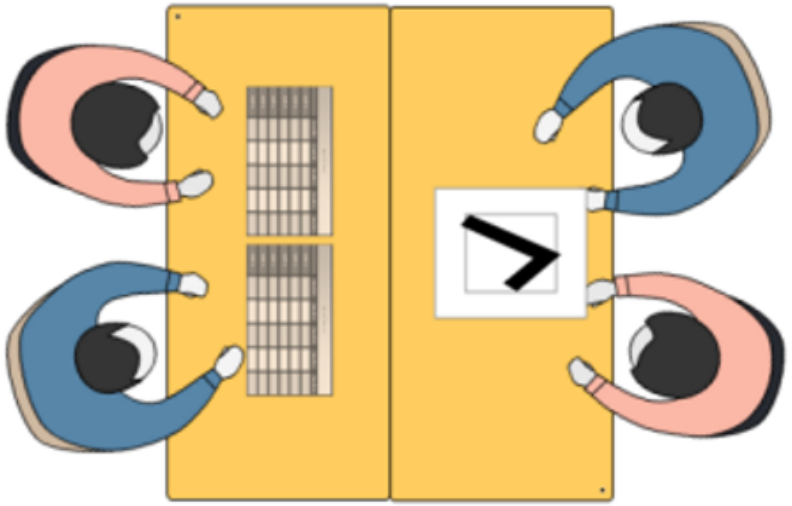
Sheriff Jones says he is now convinced a terror attack in the U.S. is imminent by people who are already here living among us.

"We were told by the FBI director it's not a matter of if, it's a matter of when," the sheriff said at a news conference Wednesday.

Answer – We Can Hand Count

The Seating of the judges

We recommend having 4 election judges per table, 2 from each party, 2 people for different parties will review the ballots and call out the name of the winner of each race on the ballot, in order. The other 2 election judges, from each party, will mark their sheets with the candidate receiving the vote. They will review each vote on the ballot, skipping those races without a selection for a candidate, no mark is needed for empty races.



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See the Difference

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INSTANT TRUST

Public Counting – Voter Intent Decided,
Can ascertain how they counted ballots

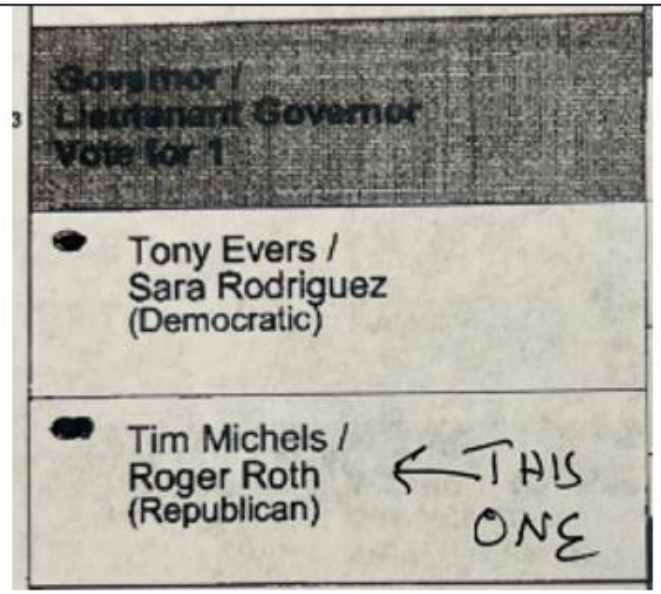
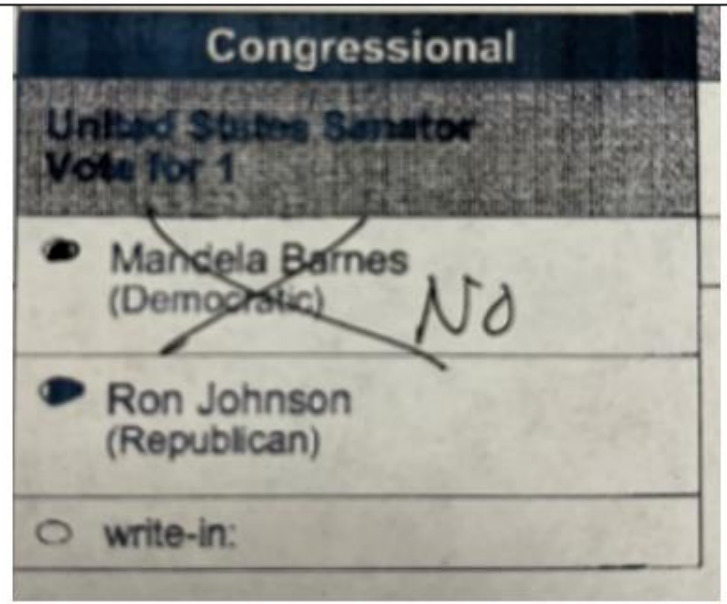
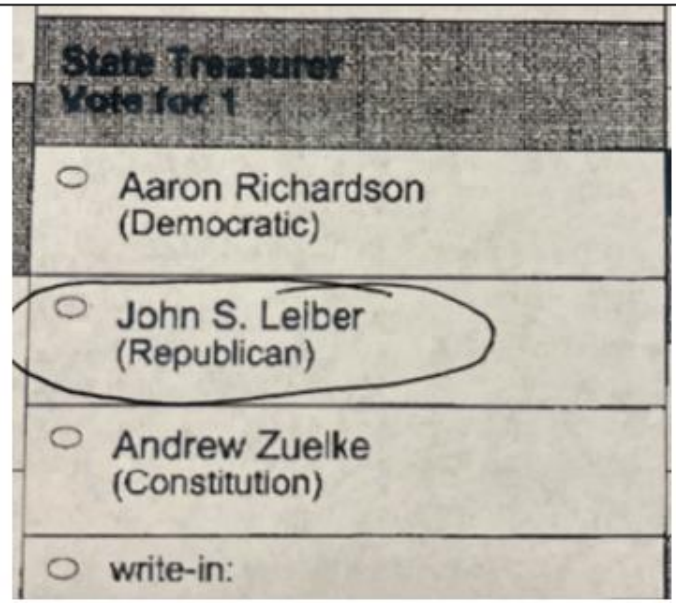
Public Counting – Can observe with our own eyes and ears.

INSTANT DOUBT

Machine Counting – Voter Intent Lost,
Unable to ascertain how it counted ballots

Machine Counting – Supposed to audit programing by reviewing test decks, ballot images and Cast Vote Records (CVRs)

Here are some examples of voter intent the machines would miss.

		
Voter Intent is Clear	**Voter Intent is Clear**	**Voter Intent is Clear**

Machines ($5.40) vs Hand Count ($1.13)

					Maintenance		
	Purchase	**Qty State**	**Platte**	**2020**	**2021**	**2022**	**2023**
DS200 w/Box	$ 5,750.00	310	8	$ 46,000.00			
DS200 w/o Box	$ 5,300.00	8	0				
DS450	$ 49,950.00	9	0				
EMS Hardware	$ 3,382.00	22	1	$ 3,382.00			
Ballot on Demand	$ 5,740.00	40	0				
Ballot Creation & Reporting	$ 15,500.00	15	1	$ 15,500.00			
EMS Reporting	$ 4,375.00	7	0				
				$ 64,882.00	**$ 10,505.00**	**$ 10,505.00**	**$ 10,505.00**
							$ 96,397.00

Platte County					
	2020	2020	2022	2022	2023
	Primary	General	Primary	General	Special
Ballots Cast	3235	4963	3751	4043	1862
				Total Ballots	**17854**
					$ 5.40
				W/Ballot Design	**$ 6.54**

2022 General Election						
Precinct	**Total Ballots**	**Tables**	**People**	**$20/hr**	**3 hrs**	**Total**
1-1	1118	5	20	$ 20.00	3	$ 1,200.00
1-2	147	1	4	$ 20.00	3	$ 240.00
1-3	136	1	4	$ 20.00	3	$ 240.00
1-6	1413	6	24	$ 20.00	3	$ 1,440.00
2-1	466	2	8	$ 20.00	3	$ 480.00
2-2	208	1	4	$ 20.00	3	$ 240.00
3-1	344	2	8	$ 20.00	3	$ 480.00
4-1	211	1	4	$ 20.00	3	$ 240.00
	4043					
		19	76	$ 20.00	3	**$ 4,560.00**
			Hand Count Cost/Ballot			**$ 1.13**

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Test Deck Recommendations

- Each ballot style within a precinct should be tested.
  - Paper Based Oval filled ballots
  - Paper Based ExpressVote Bar Code ballots
- Each option should have a unique number assigned to it.
  - Not repeated within the contest
  - Not repeated on the ballot.
- Prime Number should be used in each contest.
  - Example at https://uscase.org/test-deck-chart

Midwest Swamp Watch

Recommendations

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Examples – WY 2020 Primary – 4 Races Rep

Group E Simple Elections 2-10 Options (with Write-In)												
2-11 Option Races												
	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7	Option 8	Option 9	Option 10	Option 11	Max Marked Ballots Used
Race 1(11)	5	4	6	8	9	10	12	14	16	15	18	117
Race 2(3)	23	20	21									64
Race 3(2)	19	28										47
Race 4(3)	17	24	25									66
Race 5(3)	11	30	26									67
Race 6(3)	7	32	27									66

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Examples – WY 2020 Primary – 9 Races Dem

Race	Candidate Issue A	Candidate Issue B	Candidate Issue C	Candidate Issue D	Candidate Issue E		Max Marked Ballots Used	Max Marked Ballots Used
Group C Simple Elections 2-4 Options (with Write-In)								
2-5 Option Races							**2 Ovals**	**Max Ovals**
Race 1(5)	3	52	27	12	9		55	103(5)
Race 2(5)	5	51	15	20	10		56	101(5)
Race 3(4)	7	50	26	18			57	101(4)
Race 4(4)	11	49	32	16			60	104(4)
Race 5(4)	13	48	33	8			61	102(4)
Race 6(3)	17	46	39				63	102(3)
Race 7(3)	19	45	38				64	102(3)
Race 8(3)	23	44	36				67	103(3)
Race 9(3)	29	42	35				71	106(3)
Race 10(3)	31	40	34				71	105(3)
	*Over vote and under vote test ballots are needed for each race and should be run as a separate test from this baseline test.							

Midwest Swamp Watch

2024 WY Review - w/Jill Kauffman

Rick Weible
www.midwestswampwatch.com

www.uscase.org

Election Research

501c3

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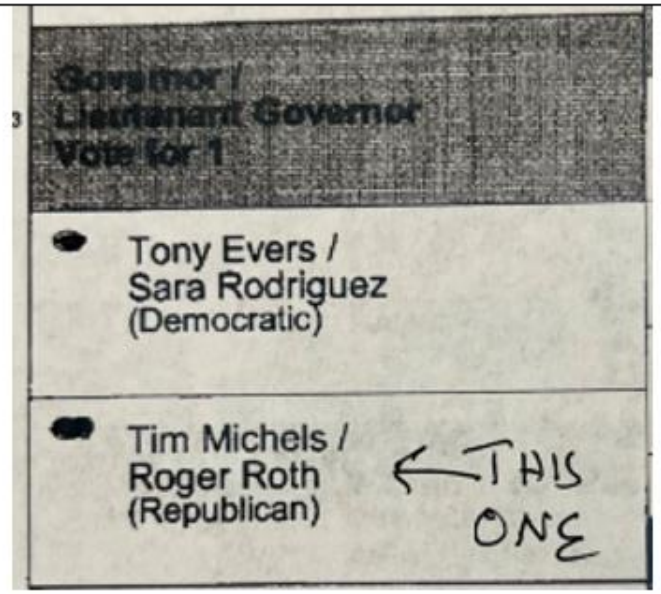	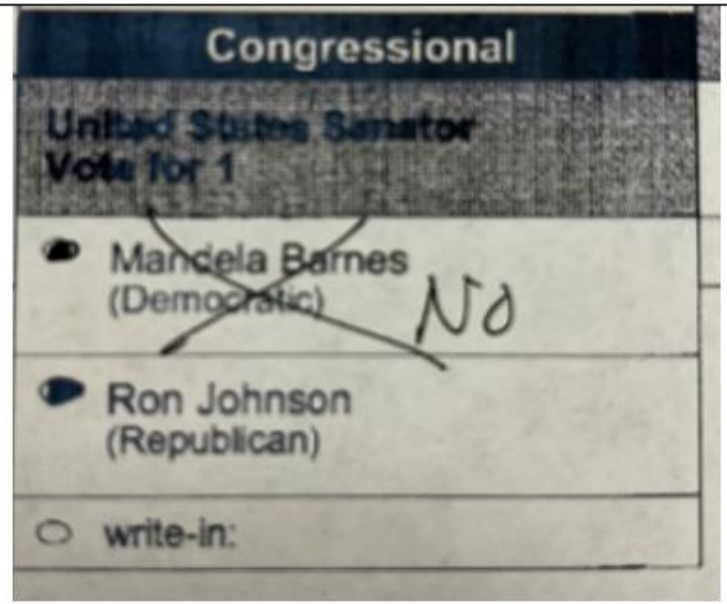	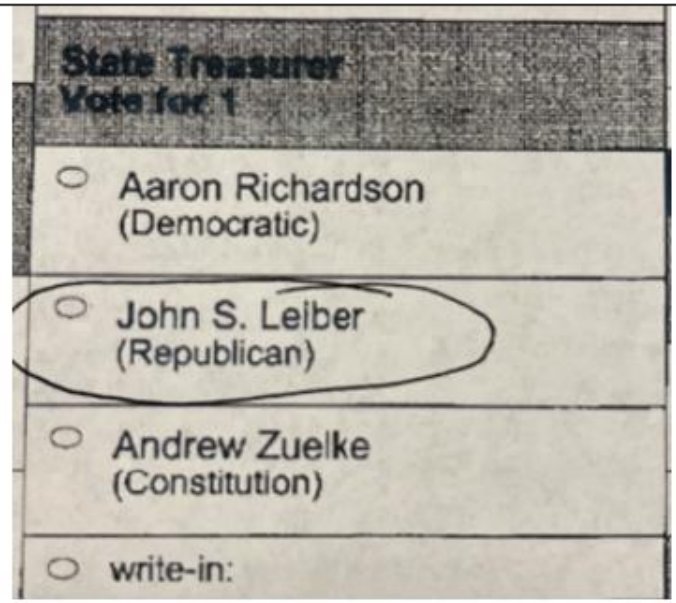
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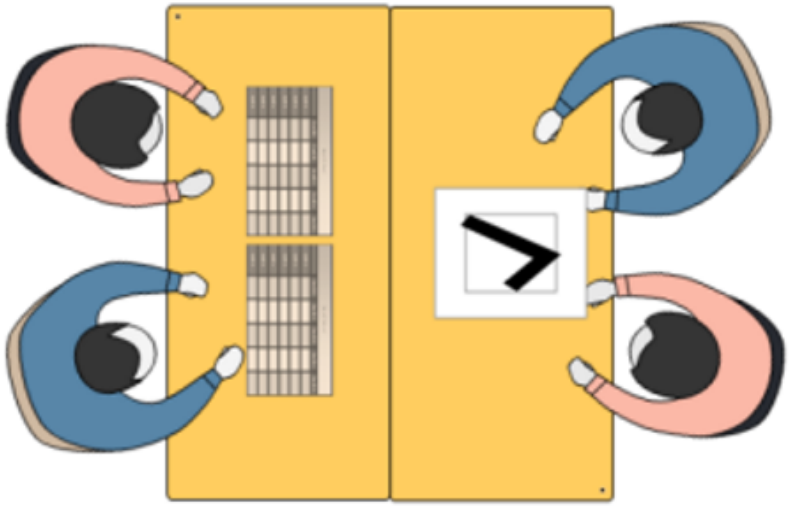

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2024 Hand Count Demo
Dodge County 2022 Clyman Ballots

Quick Notes for this session

1) There are 126 ballots in each folder on the table, the seal number is 759354
2) Both types of ballots are here, user filled in and ExpressVote disability ballots.
3) One side of the table is the calling team, represented by both parties.
4) The other side of the table is the tally team with the binders, represented by both parties.
5) 1st – You will count to confirm that your team has 126 ballots,
    a. Separate approximately the pile of ballots in half, one for each side of the table.
    b. Your 2 teams will count and sort the ballots into groups of 50's, so you should end up with 50-50-26 as final stacks.
6) 2nd Your table team will verify that all ballots have the stamp or initials required, in-person ballots should have 2 initials, absentee ballots 1 initial. Any ballot that does not have an initial or stamp…you will set that ballot aside and mark the spoiled section of the master tally totals sheets. Rebalance any stack of 50 ballots by drawing a ballot from the remainder stack….so you may end up with 50-50-25 stack of ballots.
7) We will be calling and marking one race at time, the first race should marked be in Blue, with a /
8) The next race would be in Red.
9) If a recount is needed use the same color and mark with an X, if a 3rd recount is needed, fill in the box.

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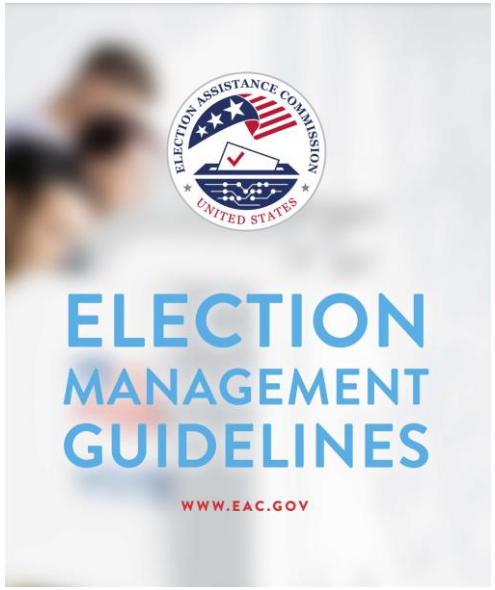


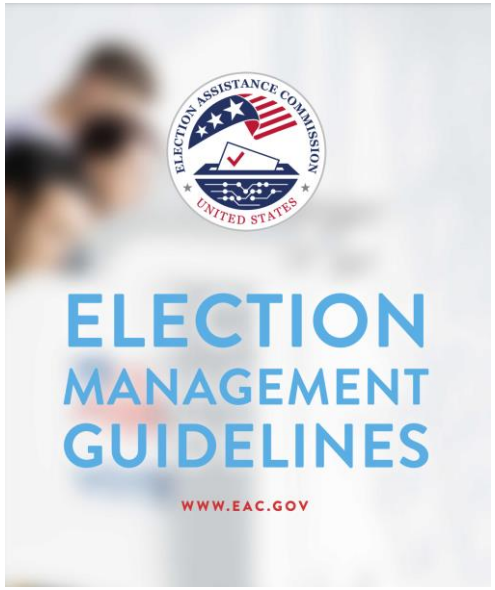
End-to-End Voting System Acceptance Test

The end-to-end test is sometimes referred to as a test of the election management system (EMS). It tests the election management system itself and tests the ability of the EMS to interface with all the types of components. It also verifies that the EMS correctly tabulates votes and prints reports. Election officials should conduct this test on all newly acquired voting systems and after any event that could have altered the voting system, such as a system upgrade or if the EMS hardware leaves the custody and control of the election authority.

Materials Required: Election officials must know the correct versions of the operating systems and EMS software. In addition, the testers will need the following:

- A complete election management system with all required election management system software installed.
- If Optical Scanners are used:
  - At least one ballot scanner. If different types are used (e.g., precinct-based for polling locations and bulk/high-speed for central counting), then at least one of each type will be needed.
  - One blank memory device used to load the election definition onto the ballot scanner(s),
  - A memory device for each scanner to store tabulated results and Cast Vote Records.
  - At least one set of pre-marked optical scan test ballots with known results. This can be the same test deck used to conduct acceptance tests on the ballot scanners.

https://www.eac.gov/sites/default/files/electionofficials/EMG/EAC_Election_Management_Guidelines_508.pdf



Documentation: If any component of the voting system experiences a failure during any of the above steps that the tester cannot correct, the test should be terminated. The tester should prepare documentation that lists the serial number of the election computer and the serial number or other identifying information for any other component that failed, the persons conducting the tests, the date, and a description of the failure.

Election officials should make two copies of this documentation; one copy for the permanent record and another copy that stays with the failed component of the voting system to assist those making any required repairs. All printouts should be attached to the copy retained for the permanent record.

If the voting system passes all the above tests, election officials should prepare documentation for the permanent record, including the names of those conducting the tests and the date. All printouts should be attached to this documentation.

https://www.eac.gov/sites/default/files/electionofficials/EMG/EAC_Election_Management_Guidelines_508.pdf

Post Election Audit is 2 steps

22-11-109. Post election audit.

The county clerk shall conduct a random audit of ballots by processing the preaudited group of test ballots as described in W.S. 22-11-104(b)(iii) on five percent (5%) of the automated tabulating equipment for that county, but on not less than one (1) machine, within thirty (30) days of any election in which the tabulating equipment was used.

Should be auditing the actual voted ballots with a hand count.
Redoing the test deck is invalid, and does not review the real-world ballots that were cast...

Source - https://sos.wyo.gov/Forms/Publications/ElectionCode_8.5x11-07012024.pdf (Pages 48-49)

(iii) Before testing an electronic voting system for an election, notify the county chairman of each political party having a candidate on the ballot, stating the time and place of the test. The political party representatives and representatives of independent candidates may be present for the test, which shall be held at least two (2) weeks before the election. The test shall ascertain that the automatic tabulating equipment will accurately count the votes cast for all offices and all measures. The test shall be conducted by processing a preaudited group of paper ballots or ballot cards on which are recorded a predetermined number of valid votes for each candidate and on each measure and shall include for each office one (1) or more ballots which have votes in excess of the number allowed by law in order to test the ability of the automatic tabulating equipment to reject such votes. During the test a different number of valid votes shall be assigned to each candidate for an office, and for and against each measure. If any error is detected, the cause of it shall be ascertained and corrected and an errorless count shall be secured and certified to by the county clerk. On completion of the count, the programs, test materials and ballots shall be sealed and retained as provided for paper ballots;

(iv) Designate one (1) or more counting centers;

(v) Provide adequate security for the delivery of all ballots to the designated counting center;

(vi) Provide that if any ballot is damaged or defective so that it cannot be properly counted by the automatic tabulating equipment, a true, duplicate copy shall be made by counting board members and substituted for the damaged or defective ballot. All duplicate ballots shall be clearly labeled "Duplicate" and shall bear a serial number which shall be recorded on the damaged or defective ballot. Damaged or defective ballots shall be delivered with the returns to the county clerk.

(vii) Ensure that every electronic voting system used in the county has and uses an air gap.

(c) In addition to any other duties prescribed by law, election judges in polling places using an electronic voting system shall:

(i) Repealed By Laws 2014, Ch. 108, § 2.

(ii) Provide adequate instruction in the use of the voting device to each voter before he enters the voting booth. Additional instruction may be provided as specified by law.

WY - Post Election Audit

22-6-130. Post-election ballot audit.

(a) Each county clerk shall complete an audit of the county's unofficial election results by identifying and reviewing the smallest observable percentage between the statewide candidates who received the most votes and the statewide candidates who received the second highest votes for each contest within the county not later than the first Thursday following a primary, special or general election. Additional contests may be added to the audit at the discretion of the county clerk. Using a formula developed by the University of Wyoming, each county clerk shall use the smallest observable percentage to determine a statistically significant sample size of the ballots to be audited under this section. To ensure the timely completion of this procedure under this subsection, the number of ballots audited shall not exceed five percent (5%) of the total number of ballots cast.

(b) Each county clerk shall conduct an audit of the election using the statistically significant ballot sample size and the corresponding ballots for the contests selected for audit determined under subsection (a) of this section. Each county clerk shall provide the audit results to the secretary of state not later than one (1) day before the meeting of the state canvassing board as provided in W.S. 22-16-118.

County Authorization (Local Control)

22-11-102. Use authorized; purchase or lease.

The board of county commissioners of each county may adopt for use, either experimentally or permanently, in any election in any or all polling places within the county, any electronic voting system authorized by law.

Source - https://sos.wyo.gov/Forms/Publications/ElectionCode_8.5x11-07012024.pdf (Page 47)