

Midwest  
Swamp Watch

# Certified – Really?

Understand the Laws & Rules

[www.midwestswampwatch.com](http://www.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

# Resources

- Antivirus Research (Jan 1<sup>st</sup> 2022-July 8<sup>th</sup> 2024)
  - [USCASE.ORG](https://uscase.org)
- ES&S Modem Security
  - [USCASE.ORG](https://uscase.org)
- Hand Counting
  - [USCASE.ORG](https://uscase.org)
  - [causeofamerica.org](https://causeofamerica.org)
- Test Decks (Logic & Accuracy)
  - [USCASE.ORG](https://uscase.org)
- MN, SD, WI, WY State Help Under the “More” tab.
  - [www.midwestswampwatch.com](https://www.midwestswampwatch.com)
- Sign up at Cause of America
  - <https://causeofamerica.org/Post/get-involved>



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Swamp Watch

# 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.

<p><b>Voter Intent is Clear</b></p>	<p><b>Voter Intent is Clear</b></p>	<p><b>Voter Intent is Clear</b></p>

**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	Congressional	Referendum
<p>If you make a mistake on your ballot or have a question, ask an election inspector for help. (Absentee voters: Contact your municipal clerk.)</p> <p>To vote for a name on the ballot, fill in the oval next to the name like this: ●</p> <p>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: ●</p>	<p><b>Representative in Congress District 2</b> <b>Vote for 1</b></p> <p><input type="radio"/> Mark Pocan (Democratic)</p> <p><input checked="" type="radio"/> Peter Theron (Republican)</p> <p><input type="radio"/> write-in: <u>PETER THRON</u></p> <p><b>Legislative and State Representative to the Assembly District 43</b> <b>Vote for 1</b></p> <p><input type="radio"/> Don Vruwink (Democratic)</p> <p><input checked="" type="radio"/> Beth Drew (Republican)</p> <p><input type="radio"/> write-in: <u>BETH DREW</u></p>	<p>To vote in favor of a question, fill in the oval next to "Yes," like this: ●</p> <p>To vote against a question, fill in the oval next to "No," like this: ○</p> <p><b>Blackhawk Technical College</b></p> <p>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 &amp; Transportation Training Center on the Central Campus in Janesville, Wisconsin?</p> <p><input checked="" type="radio"/> Yes</p> <p><input type="radio"/> No</p>
<p><b>Federal</b></p> <p>When voting for President and Vice President, you have one of two choices:</p> <ul style="list-style-type: none"> <li>• Vote for candidates on one ticket, or</li> <li>• Write in names of persons on both write-in lines</li> </ul> <p>A write-in vote for only a vice presidential candidate <b>will not be counted.</b></p>	<p><b>County</b></p> <p><b>County Clerk</b> <b>Vote for 1</b></p> <p><input type="radio"/> Lisa Tollefson (Democratic)</p> <p><input type="radio"/> write-in:</p> <p><b>County Treasurer</b> <b>Vote for 1</b></p> <p><input type="radio"/> Michelle L. Roettger (Democratic)</p> <p><input type="radio"/> write-in:</p> <p><b>Register of Deeds</b> <b>Vote for 1</b></p> <p><input type="radio"/> Sandy Disrud (Democratic)</p> <p><input type="radio"/> write-in:</p>	
<p><b>President Vice President</b> <b>Vote for 1</b></p> <p><input type="radio"/> Joseph R. Biden / Kamala D. Harris (Democratic)</p> <p><input checked="" type="radio"/> Donald J. Trump / Michael R. Pence (Republican)</p> <p><input type="radio"/> Don Blankenship / William Mohr (Constitution)</p> <p><input type="radio"/> Jo Jorgensen / Jeremy Spike Cohen (Libertarian Party)</p> <p><input type="radio"/> Brian Carroll / Amar Patel (American Solidarity Party)</p> <p><input checked="" type="radio"/> <u>DONALD J. TRUMP</u> write-in (President) <u>MICHAEL R. PENCE</u> write-in (Vice-President)</p>		



# Overvote

- Vote intent is lost



President Vice President Vote for 1
<input checked="" type="radio"/> Joseph R. Biden / Kamala D. Harris (Democratic)
<input type="radio"/> Donald J. Trump / Michael R. Pence (Republican)
<input type="radio"/> Don Blankenship / William Mohr (Constitution)
<input type="radio"/> Jo Jorgensen / Jeremy Spike Cohen (Libertarian Party)
<input type="radio"/> Brian Carroll / Amar Patel (American Solidarity Party)
<input checked="" type="radio"/> <i>Joseph R. Biden</i> write-in (President) <i>Kamala D. Harris</i> write-in (Vice-President)

Official Ballot Partisan Office and Referendum November 3, 2020		
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<p>Page 1 of 2-sided ballot. Ballot continues on other side. →</p>		

# 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)

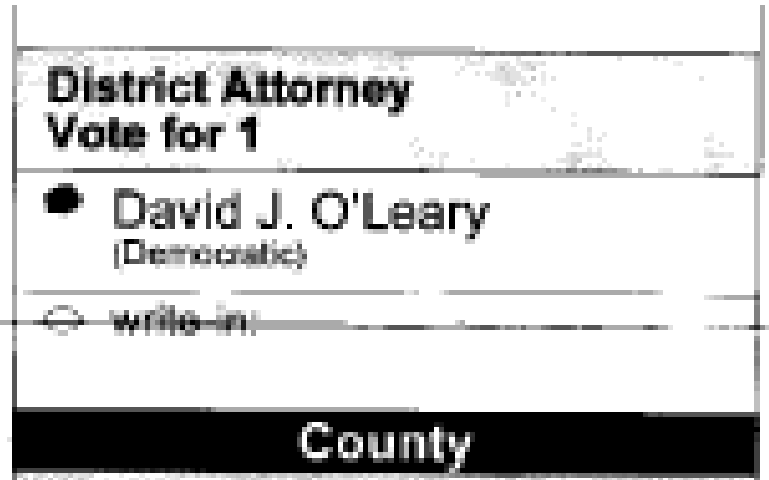
TRUMP  
write-in (President)

PENCE  
write-in (Vice-President)

Official Ballot Partisan Office and Referendum November 3, 2020			S75
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Continue voting at top of next column.	Continue voting at top of next column.	Continue voting on back of ballot.	
Page 1 of 2-sided ballot. Ballot continues on other side. →			

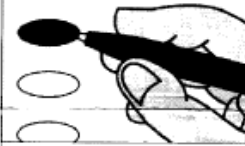
# Overvote(the folds)

- Voter intent is lost



**Official Ballot**  
Partisan Office and Referendum  
November 3, 2020 S19

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<small>Continue voting at top of next column.</small>	<small>Continue voting at top of next column.</small>	<small>Continue voting on back of ballot.</small>

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

# Overvote(the folds)

- Voter intent is lost



Congressional	
<b>Representative in Congress District 2 Vote for 1</b>	
<input checked="" type="radio"/>	Mark Pocan (Democratic)
<input type="radio"/>	Peter Theron (Republican)
<input type="radio"/>	write-in:

District Attorney	
<b>Vote for 1</b>	
<input checked="" type="radio"/>	David J. O'Leary (Democratic)
<input type="radio"/>	write-in:

Official Ballot Partisan Office and Referendum November 3, 2020		
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# Next Level – Test Decks (Logic and Accuracy)

- Usually done in Public...
- Get the reports
- Review against your laws and administrative rules
- Look for unique numbers within race
- Look for unique numbers across races

## **WY Statute 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;

# REP U.S. SENATOR

Vote For 1

TOTAL

JOHN BARRASSO	11 ✓
JOHN HOLTZ	9 ←
REID RASNER	9 ←
Write-In Totals	8 ✓
<b>Total Votes Cast</b>	<b>37</b>
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 ✓
<b>Total Votes Cast</b>	<b>33</b>
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%
Voter Turnout - DEMOCRATIC	0.00%
Voter Turnout - NONPARTISAN	0.00%

### REP U.S. SENATOR

Vote For 1

TOTAL

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JOHN HOLTZ	9 ✓
REID RASNER	9 ✓
Write-In Totals	8 ✓
<b>Total Votes Cast</b>	<b>37</b>
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TOTAL

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<b>Total Votes Cast</b>	<b>33</b>
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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

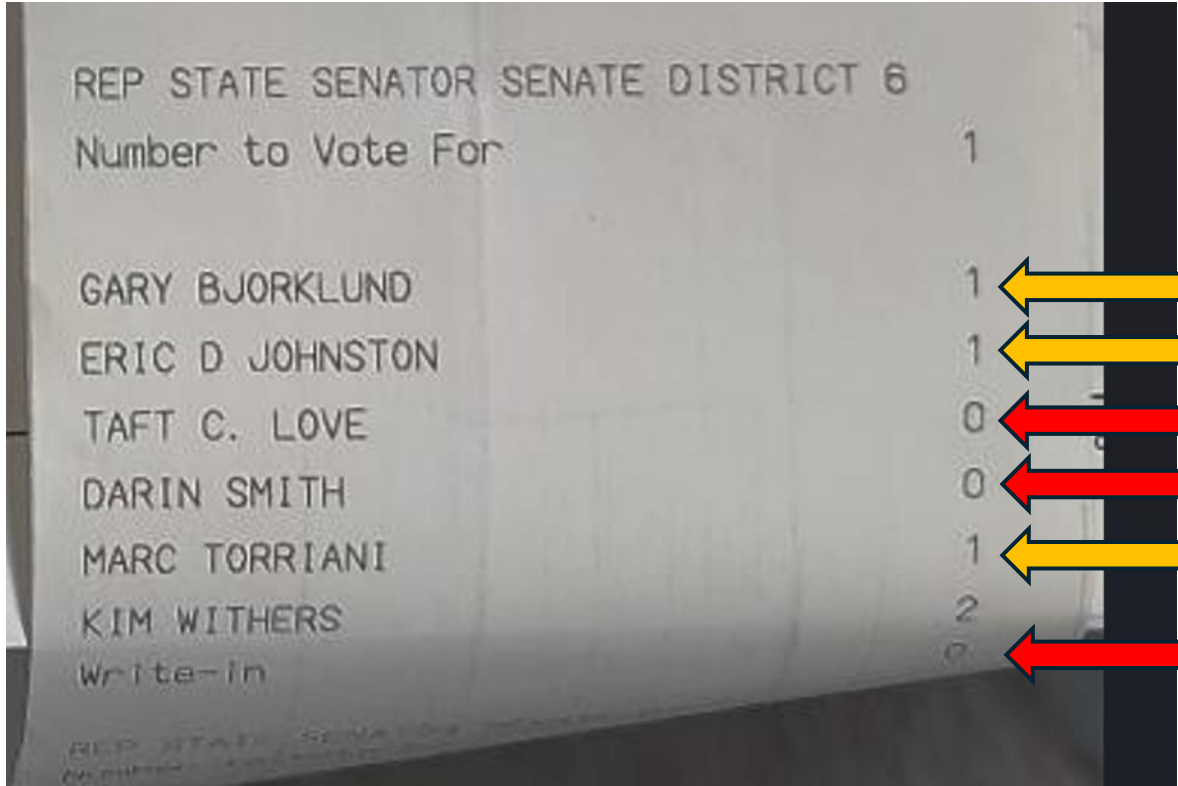
Total Standard Ballot Sheets: 0  
Total ExpressVote Cards: 103

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
TAYLOR LOVE	0

TS  
#1  
ng

# Invalid Logic and Accuracy Test



## 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%
Voter Turnout - DEMOCRATIC	0.00%
Voter Turnout - NONPARTISAN	0.00%

### REP U.S. SENATOR

Vote For 1	TOTAL
JOHN BARRASSO	11 ✓
JOHN HOLTZ	9 ✓
REID RASNER	9 ✓
Write-In Totals	8 ✓
<b>Total Votes Cast</b>	<b>37</b>
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 ✓
<b>Total Votes Cast</b>	<b>33</b>
Overvotes	0
Undervotes	7
Contest Totals	40

\*\*\* 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
TAFT C. LOVE	0

# 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;**

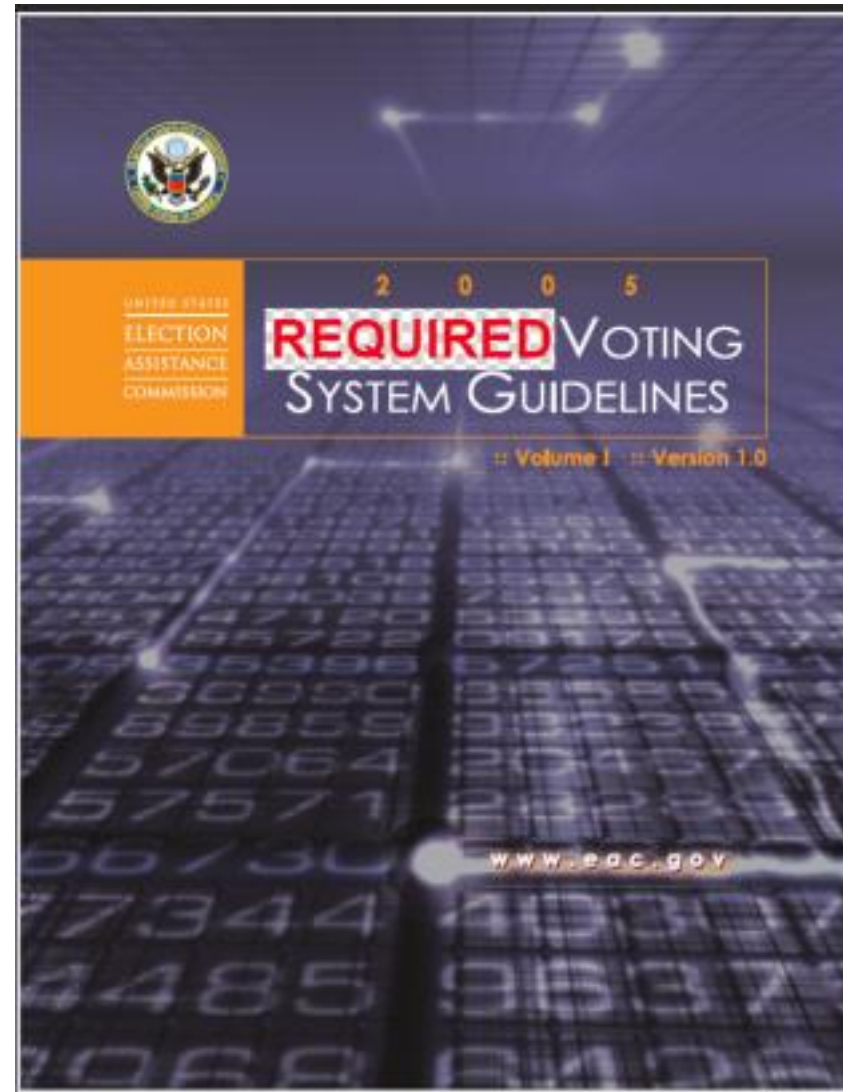
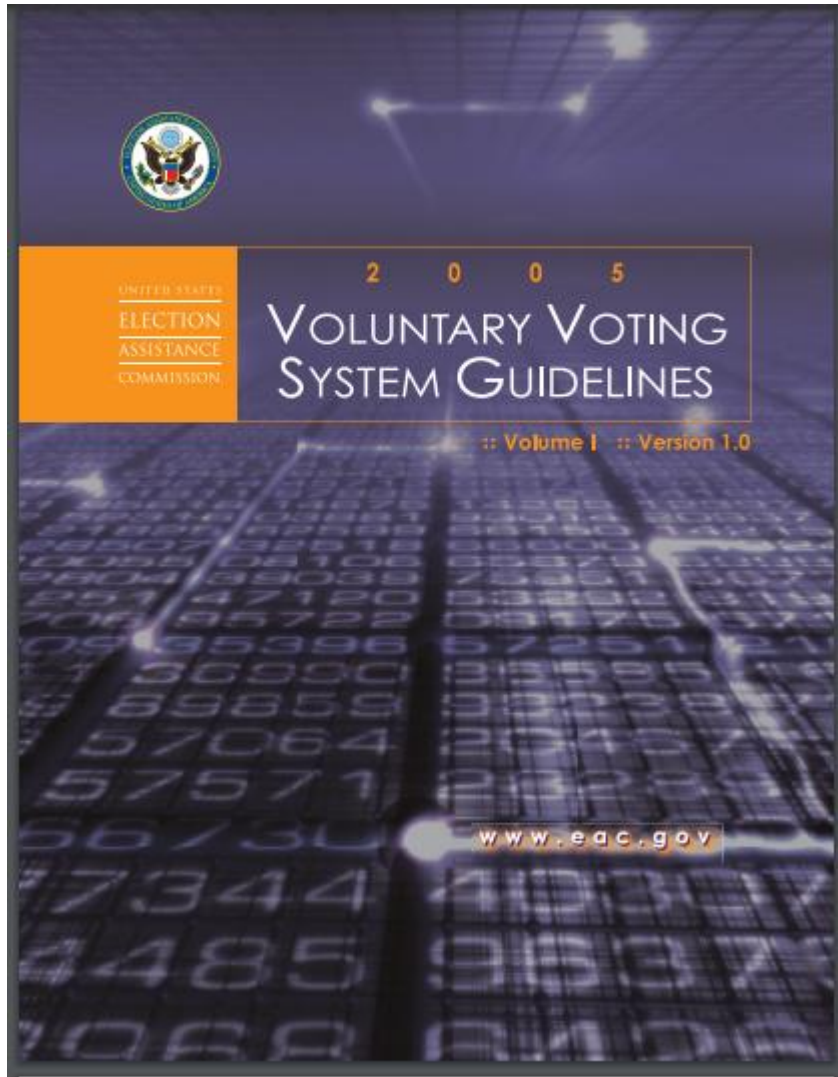
[https://sos.wyo.gov/Forms/Publications/ElectionCode\\_8.5x11-07012024.pdf](https://sos.wyo.gov/Forms/Publications/ElectionCode_8.5x11-07012024.pdf)

**Bad Reference to VVSG (there are 4 versions now)**

# The EAC Standards

- 2002
- 2005 (1.0)
- 2015 (1.1) ← **Never Tested Through EAC**
- 2021 (2.0)
- 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.**

# Voluntary Now Becomes Required



# 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=098180081130222022184007130153146000076038136057](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=098180081130222022184007130153146000076038136057)



# ES&S 6.0.4.0 (2020 – Purchase)

- Windows 7 (Support Ended Jan 14<sup>th</sup>, 2020)
- 22/23 counties have the dell laptops
- Out of date AntiVirus – Norton Jan 22<sup>nd</sup> 2019 is latest date 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](https://www.eac.gov/sites/default/files/voting_system/files/EVS6040_Cert_Scope%28FINAL%29.pdf)



DS200	2.17.4.0	1.2.1, 1.2.3, 1.3, 1.3.11	Precinct Count Tabulator
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# 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](https://www.eac.gov/sites/default/files/voting_system/files/EVS6040_Cert_Scope%28FINAL%29.pdf)

# 6.0.4.0 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	DEEUH1-01GI72AC1SB

# 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*

# 6.0.6.0 Certified Dell Hardware Allowed

## 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	IISR FDC H2SE (1GB) for	DFE11H1-01GI72AC1SR

# SySTOR Not Certified



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

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**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



98 available for immediate delivery

Price: **\$625.00**

Quantity in Basket: None

Code: **SYS-USBD-7**

Quantity:

Warranty:

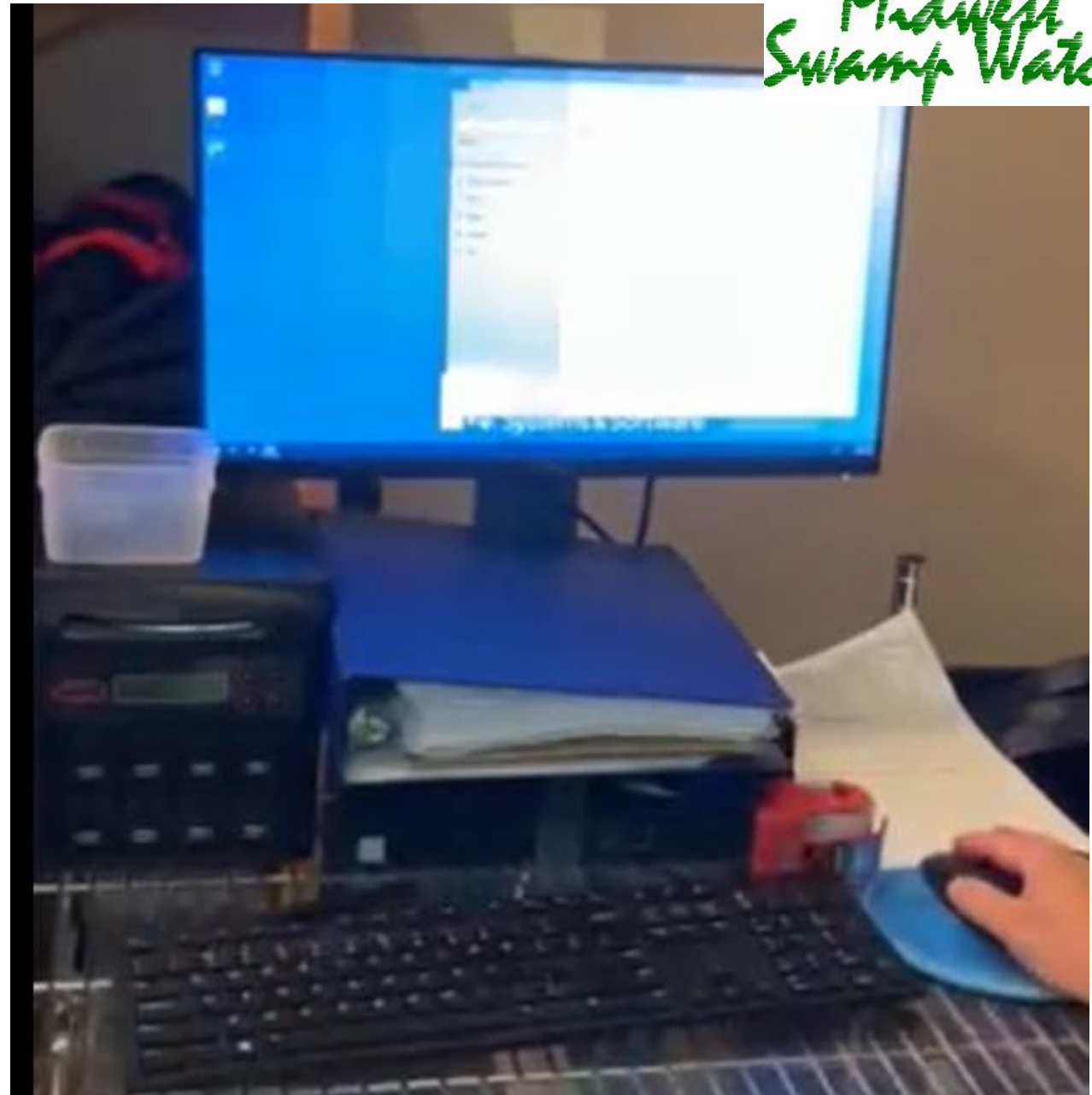
USB External Hard Drive Upgrade:

**Add To Basket**

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

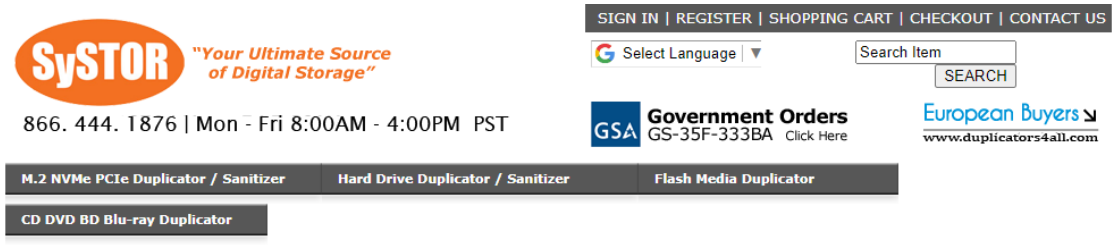
Overview:

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.



Crook County 7/24/2024

# SySTOR Not Certified or Reviewed by the EAC



SySTOR "Your Ultimate Source of Digital Storage"

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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:

Warranty:

USB External Hard Drive Upgrade:

**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.

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

Midwest  
Swamp Watch

# 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.

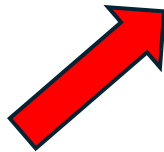
## Document Distribution





# 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



# MN Violations

## 206.845 BALLOT RECORDING AND COUNTING SECURITY.

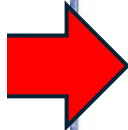
Subdivision 1. **Prohibited connections.** The county auditor and municipal clerk must secure ballot recording and tabulating systems physically and electronically against unauthorized access. Except for wired connections within the polling place, ballot recording and tabulating systems must not be connected to or operated on, directly or indirectly, any electronic network, including a local area network, a wide-area network, the Internet, or the World Wide Web. **Wireless communications may not be used in any way in a vote recording or vote tabulating system. Wireless, device-to-device capability is not permitted. No connection by modem is permitted.**

Transfer of information from the ballot recording or tabulating system to another system for network distribution or broadcast must be made by disk, tape, or other physical means of communication, other than direct or indirect electronic connection of the vote recording or vote tabulating system. A county auditor or municipal clerk may not create or disclose, or permit any other person to create or disclose, an electronic image of the hard drive of any vote recording or tabulating system or any other component of an electronic voting system, except as authorized in writing by the secretary of state or for the purpose of conducting official duties as expressly authorized by law.

Subd. 2. **Transmission to central reporting location.** After the close of the polls, the head election judge must create a printed record of the results of the election for that precinct. After the record has been printed, the head election judge in a precinct that employs automatic tabulating equipment may transmit the accumulated tally for each device to a central reporting location using a telephone, modem, Internet, or other electronic connection. During the canvassing period, the results transmitted electronically must be considered unofficial until the canvassing board has performed a complete reconciliation of the results.

State of Minnesota

## SECRETARY OF STATE

- 
- 2) Training, instructions, and guidance to voters must be provide on the direction in which a pre-printed ballot must be inserted into the printer in order for the vote targets to properly marked.
  - 3) The "Ballot Marking Admin Guide for OmniBallot Tablet Version 3.3" must be provided to purchasers of the EVS 6.0.6.0 Voting System.
  - 4) Training and instructions must be provided to purchasers on the proper placement of blank sheets of paper in the printer when using the "Ballot on Demand" method of voting.
  - 5) A message must be provided to voters that the OBT-3.3 displays a square with a check mark indicating a vote but that will be a filled in oval when marked on the ballot.
  - 6) This certification does not cover any modeming functions that may be related to EVS 6.0.6.0.

Certification is subject to the provisions of Minnesota Statutes and Rules. ES&S stipulates that it will employ methods and procedures to safeguard system software and firmware from access by unauthorized parties during all phases of election preparation, including preparation and delivery of election programming and related materials to county and local governments.

Witness my hand and the Great Seal of the  
State of Minnesota on this 29th day of April 2022.



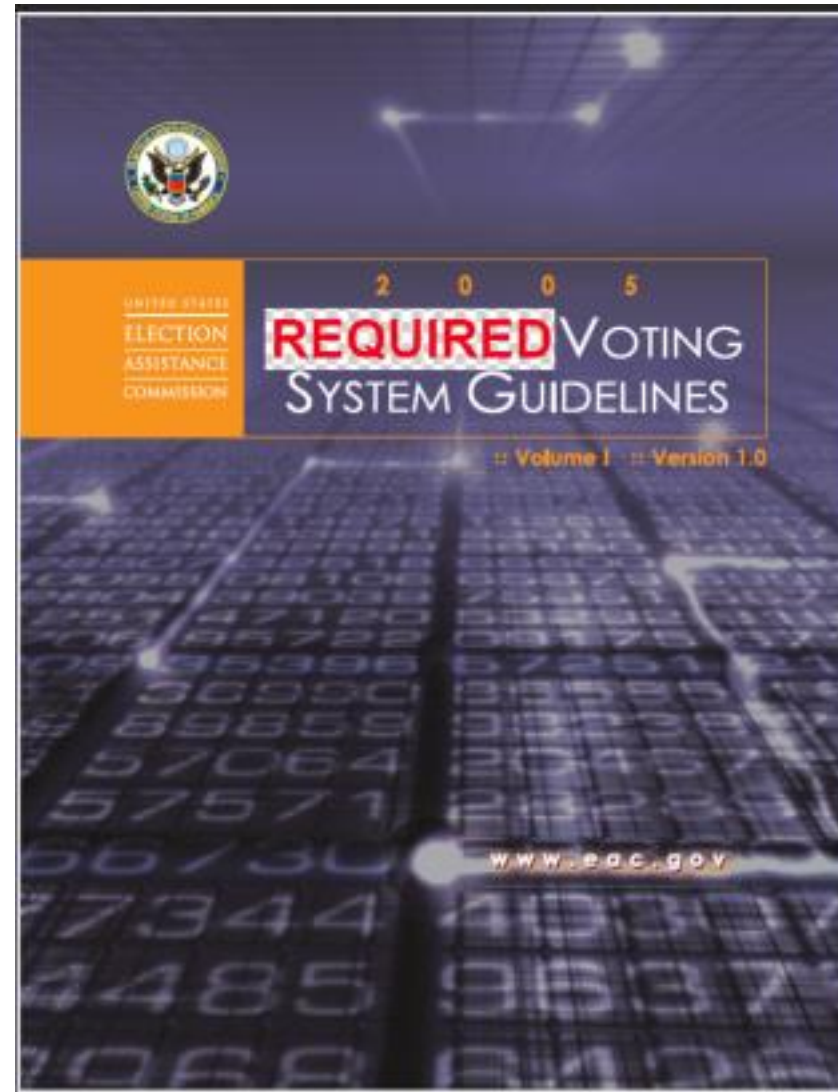
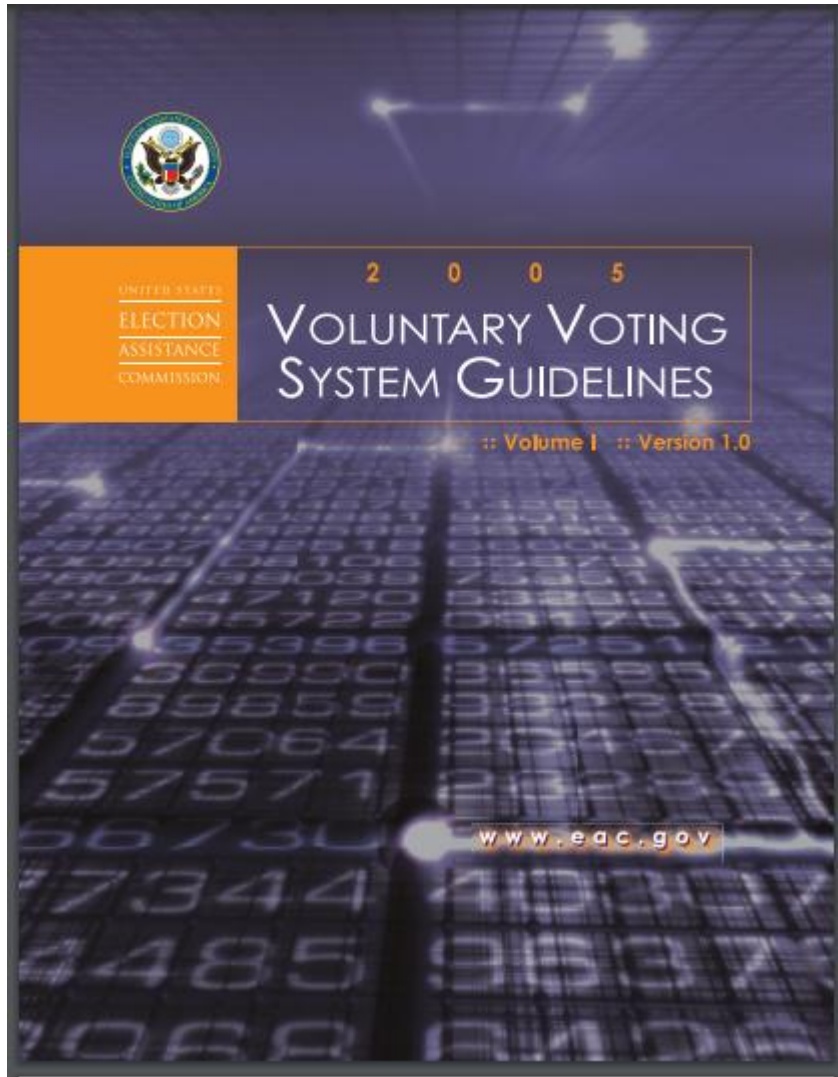
Steve Simon  
Secretary of State

Time of Signature: 1:03pm

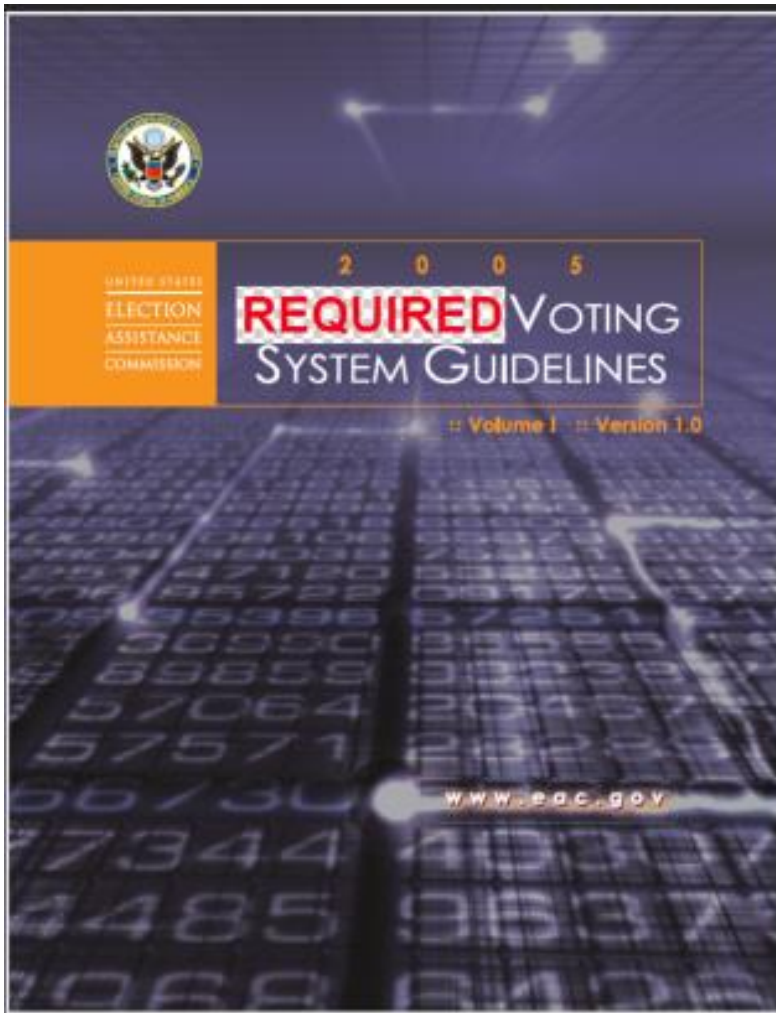


Document Number: 223085  
Filed: April 29, 2022  
Office of the Minnesota  
Secretary of State Steve Simon

# Voluntary Now Becomes Required



## 7.4.2 - Protection Against Malicious Software

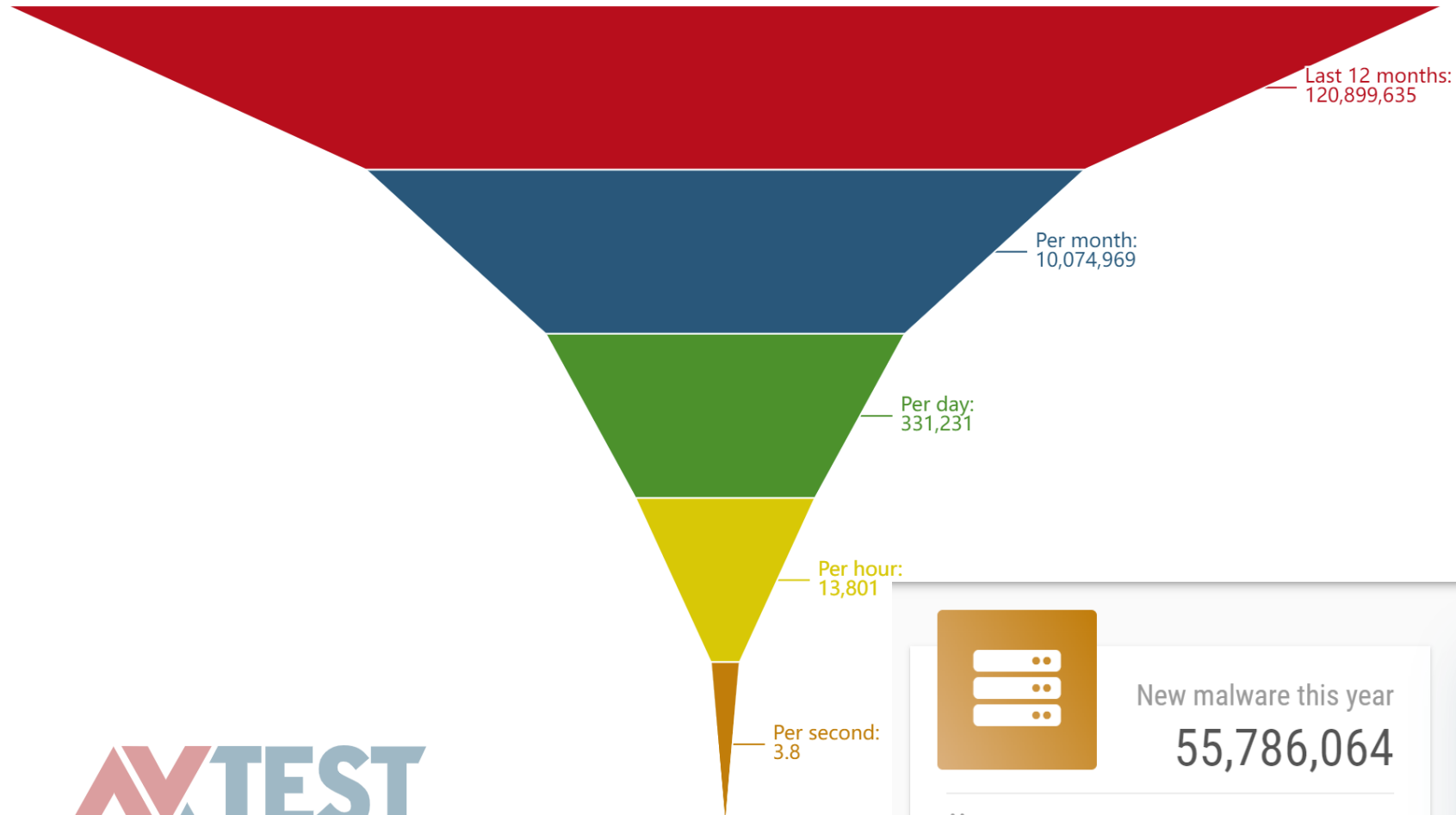




- 7.4.2 Protection Against Malicious Software  
Voting systems shall deploy protection against the many forms of threats to which they may be exposed such as file and macro viruses, worms, Trojan horses, and logic bombs. **Vendors shall develop and document the procedures to be followed to ensure that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



# Current Risk in the United States



NEW MALWARE AND PUA PER SECOND



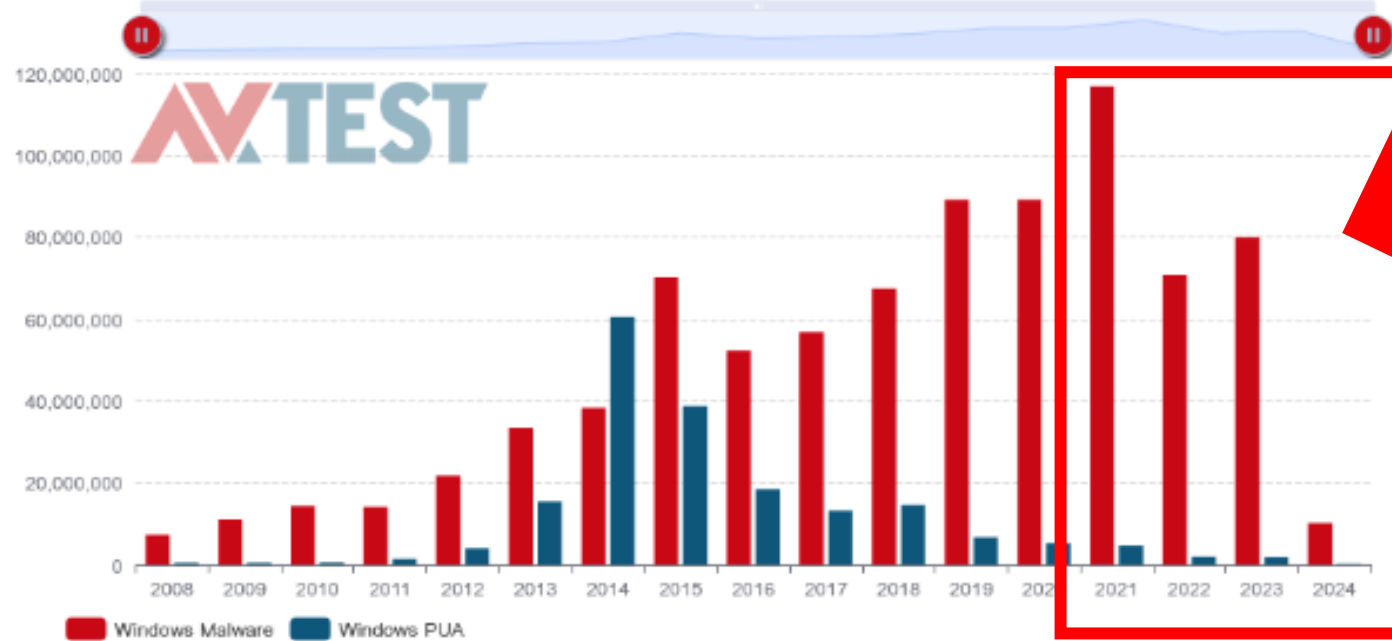
	New malware this year <b>55,786,064</b>
	In 2024
	

	New malware in the l... <b>3,346,703</b>
	In the last 14 days.
	

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

## Development of Windows malware and PUA

### TOTAL AMOUNT OF MALWARE AND PUA UNDER WINDOWS



Source: [av-atlas.org](http://av-atlas.org)

What's  
not  
detected  
or  
covered

Midwest  
Swamp Watch

# 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)

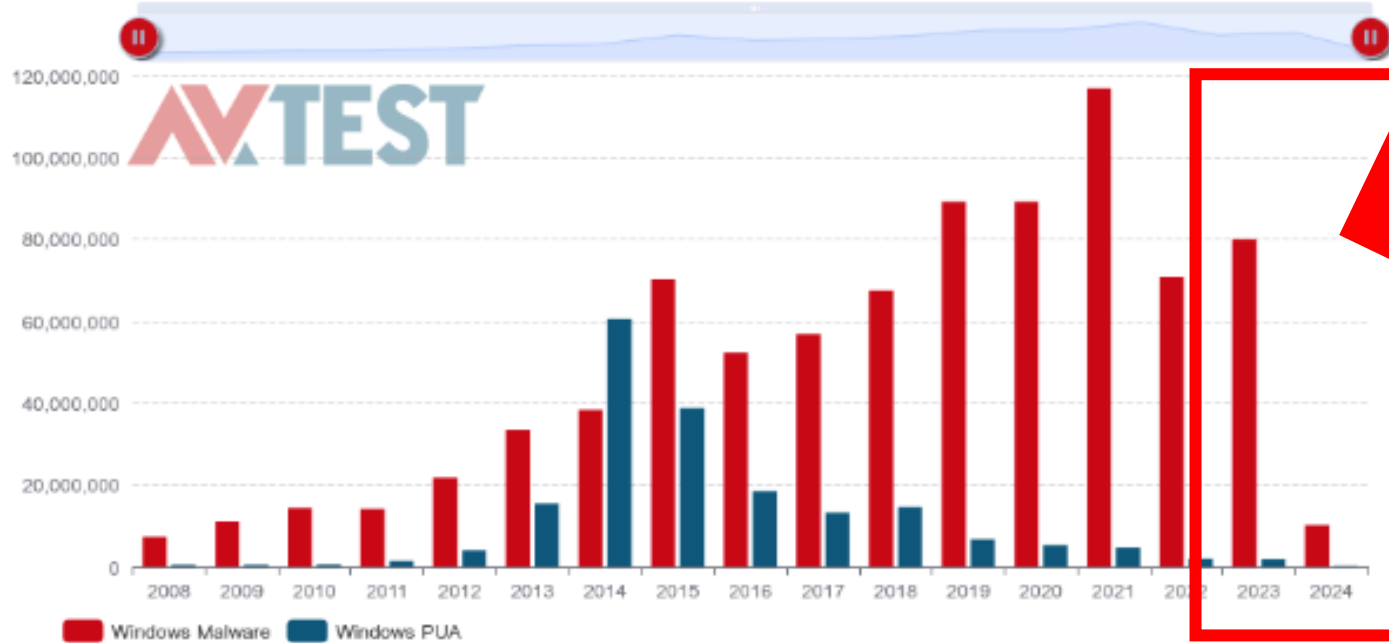
[ES&S ECO 1141 Analysis.pdf](#) (227.23 KB)



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

## Development of Windows malware and PUA

### TOTAL AMOUNT OF MALWARE AND PUA UNDER WINDOWS



Source: [av-atlas.org](http://av-atlas.org)

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

# 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

# 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

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.

Midwest  
Swamp Watch



# Prime Number Test Decks

How to detect rounding errors



# Results with Full Decimal Places

- All races are correct

3 RACES WITH PRIME			Total	Percent	Percent	Precent	Review	Review	Review
3	36	20	59	0.0508475	0.6101695	0.3389831	3	36	20
5	35	18	58	0.0862069	0.6034483	0.3103448	5	35	18
7	34	16	57	0.122807	0.5964912	0.2807018	7	34	16
11	33	15	59	0.1864407	0.559322	0.2542373	11	33	15
13	32	14	59	0.220339	0.5423729	0.2372881	13	32	14
17	30	12	59	0.2881356	0.5084746	0.2033898	17	30	12
19	28	10	57	0.3333333	0.4912281	0.1754386	19	28	10
23	27	9	59	0.3898305	0.4576271	0.1525424	23	27	9
29	26	8	63	0.4603175	0.4126984	0.1269841	29	26	8
31	24	6	61	0.5081967	0.3934426	0.0983607	31	24	6



# Results with 1 Decimal Place

- 27 errors and only 3 races are correct.

3 RACES WITH PRIME			Total	Precent 1	Precent 1	Precent 1	Review	Review	Review
3	36	20	59	0.1	0.7	0.4	6	41	24
5	35	18	58	0.1	0.7	0.4	6	41	23
7	34	16	57	0.2	0.6	0.3	11	34	17
11	33	15	59	0.2	0.6	0.3	12	35	18
13	32	14	59	0.3	0.6	0.3	18	35	18
17	30	12	59	0.3	0.6	0.3	18	35	18
19	28	10	57	0.4	0.5	0.2	23	29	11
23	27	9	59	0.4	0.5	0.2	24	30	12
29	26	8	63	0.5	0.5	0.2	32	32	13
31	24	6	61	0.6	0.4	0.1	37	24	6



# Results with 2 Decimal Places

- 7 errors and 23 are correct

3 RACES WITH PRIME			Total	Percent 2	Percent 2	Percent 2	Review	Review	Review
3	36	20	59	0.06	0.62	0.34	4	37	20
5	35	18	58	0.09	0.61	0.32	5	35	19
7	34	16	57	0.13	0.60	0.29	7	34	17
11	33	15	59	0.19	0.56	0.26	11	33	15
13	32	14	59	0.23	0.55	0.24	14	32	14
17	30	12	59	0.29	0.51	0.21	17	30	12
19	28	10	57	0.34	0.50	0.18	19	29	10
23	27	9	59	0.39	0.46	0.16	23	27	9
29	26	8	63	0.47	0.42	0.13	30	26	8
31	24	6	61	0.51	0.40	0.10	31	24	6



# Results with 3 Decimal Places

- All are correct

3 RACES WITH PRIME			Total	Percent 3	Percent 3	Percent 3	Review	Review	Review
3	36	20	59	0.051	0.611	0.339	3	36	20
5	35	18	58	0.087	0.604	0.311	5	35	18
7	34	16	57	0.123	0.597	0.281	7	34	16
11	33	15	59	0.187	0.56	0.255	11	33	15
13	32	14	59	0.221	0.543	0.238	13	32	14
17	30	12	59	0.289	0.509	0.204	17	30	12
19	28	10	57	0.334	0.492	0.176	19	28	10
23	27	9	59	0.39	0.458	0.153	23	27	9
29	26	8	63	0.461	0.413	0.127	29	26	8
31	24	6	61	0.509	0.394	0.099	31	24	6