

Engineering Change Orders

2025 - Anti-Virus & Windows Updates Engineering Change Orders 2025

Jan 1st, 2025- Sept 3rd, 2025

Reviewed - Rick Weible 9/5/2025



NONE HAVE BEEN FILED OR CERTIFIED BY ANY VENDOR

There have been no antivirus updates or patches to any software to secure ensure that our elections would be secure during the primary or for the 2024 General Election.

Windows Updates	AntiVirus Update	ECO	Manufacturer	Testing Lab	Impacted Device/System	Date Approved	Notes
No	No	CBG-4112	Clear Ballot Group, Inc.	Pro V&V	ClearVote 2.3	4/23/2025	This minor change adds the Dell OptiPlex XE4 device as a COTS ScanStation to ClearVote 2.3 due to the end of production life status for the current model (Dell Optiplex XE3) and does not alter the system's reliability, functionality, capability, or operation. Based on the information provided, it has been determined that no further testing is necessary.
No	No	DVS-101025	Dominion Voting Systems Corp	Pro V&V	All D-Suite system configurations that include the DELL P2422H monitor.	2/27/2025	Added DELL P2425H monitor as a display device for server and client workstations. This minor change does not alter the system's reliability, functionality, capability, or operation. Based on the information provided, it has been determined that no further testing is necessary.
No	No	DVS-101046	Dominion Voting Systems Corp	Pro V&V	Cisco 24-Port Managed Switch (C1300-24T-4G) for Democracy Suite 5.17 & Democracy Suite 5.20.	4/11/2025	This ECO is a minor change that involves the inclusion of the Cisco 24-Port Managed Switch (C1300-24T-4G) as a new COTS component replacing its predecessor, Cisco CBS350-24T-4G. The change does not impact the system's reliability, functionality, capability, or operation.
No	No	DVS-101047	Dominion Voting Systems Corp	Pro V&V	Cisco 8-Port Managed Switch (C1300-8T-E-2G) for Democracy Suite 5.17 & Democracy Suite 5.20	8/7/2025	This updated Engineering Change Order (ECO) supersedes the original submission of DVS-101047 and incorporates revised documentation and VSTL analysis to correct clerical errors and omissions. The change involves replacing the commercially unavailable Cisco CBS350-8T-E-2G with the Cisco 8-Port Managed Switch (C1300-8T-E-2G) as a new COTS component. All VSTL revisions (Rev. 00 through Rev. 02) are posted for full transparency. These updates are clerical in nature and do not impact the system's reliability, functionality, capability, or operation.
No	No	DVS-101080	Dominion Voting Systems Corp	Pro V&V	D-Suite: 5.5, 5.5-A, 5.5-B, 5.5-C, 5.5-D, 5.17, 5.20 ICVA Client Workstation	8/27/2025	Added DELL Pro 14 laptop computer as an ICVA client workstation due to the DELL Latitude 3340 and 3420 laptop computers becoming commercially unavailable for purchase.
No	No	DVS-101081	Dominion Voting Systems Corp	Pro V&V	Democracy Suite 5.5-D Democracy Suite 5.5-C Democracy Suite 5.17 Democracy Suite 5.5 Democracy Suite 5.5-B Democracy Suite 5.5-A Democracv Suite 5.20	7/28/2025	This minor change added DELL Pro Max Slim XE computer as an EMS or Adjudication Client configuration due to the DELL Precision 3460 XE computer becoming commercially unavailable for purchase. It does not alter the system's reliability, functionality, capability, or operation.
No	No	DVS 101082	Dominion Voting Systems Corp	Pro V&V	Democracy Suite 5.5-C, Democracy Suite 5.5-D, Democracy Suite 5.17, Democracy Suite 5.5, Democracy Suite 5.5-B, Democracy Suite 5.5-A, and Democracy Suite 5.20	7/29/2025	This minor change added a Dell Pro Max Slim XE computer as an EMS Express server configuration due to the Dell Precision 3460 XE computer becoming commercially unavailable for purchase. The change does not alter the system's reliability, functionality, capability, or operation.

No	No	DVS-101083	Dominion Voting Systems Corp	Pro V&V	Democracy Suite 5.5-C Democracy Suite 5.5-D Democracy Suite 5.17 Democracy Suite 5.5 Democracy Suite 5.5-B Democracy Suite 5.5-A Democracy Suite 5.20	7/31/2025	This minor change added the DELL Pro Max Slim XE computer as an ImageCast Central Workstation.
No	No	DVS-101099	Dominion Voting Systems Corp	Pro V&V	Democracy Suite (D-Suite) 5.5-A, 5.5-B, 5.5-C, 5.5-D, 5.17, 5.20 Products Affected: ICX Prime	9/3/2025	The ICX Prime vendor is requesting to add 64GB and 128GB SSD data storage capacities as alternate options due to commercial availability being affected by supply chain shortages. Currently the ICX Prime comes with 32GB SSD data storage.
No	No	ESS-1185	Election Systems & Software, Inc (ES&S)	Pro V&V	EVS 5.2.0.0, EVS 5.2.0.3, EVS 5.2.0.4, EVS 5.2.1.0, EVS 5.2.1.1, EVS 5.2.2.0, EVS 5.2.3.0, EVS 5.2.4.0, EVS 5.4.0.0, EVS 5.4.1.0, EVS 6.0.0.0, EVS 6.0.2.0, EVS 6.0.2.1, EVS 6.0.3.0, EVS 6.0.4.0, EVS 6.0.4.3, EVS 6.0.6.0, EVS 6.1.0.0, EVS 6.1.1.0, EVS 6.2.0.0, EVS 6.3.0.0, EVS 6.4.0.0, and EVS 6.5.0.0	4/29/2025	This minor change includes a new replacement motor mount assembly bracket that will be mounted to the existing Paper Path Motor (PPM) side panel (using existing mounting holes) eliminating the need to replace the entire side panel and does not alter the system's reliability, functionality, capability, or operation.
No	No	ESS-1186	Election Systems & Software, Inc (ES&S)	Pro V&V	EVS 6.4.0.0, EVS 6.3.0.0, EVS 6.5.0.0	4/23/2025	This minor change introduces a change to the seal lock loop rivet of the DS300 Ballot Box and does not alter the system's reliability, functionality, capability, or operation. Based on the information provided, it has been determined that no further testing is necessary.
No	No	ESS-1190	Election Systems & Software, Inc (ES&S)	Pro V&V	EVS 6.0.6.0, EVS 6.2.0.0, EVS 6.3.0.0, EVS 6.4.0.0, and EVS 6.5.0.0 voting systems impacted. DS950 1.0 and DS950 1.1 devices impacted.	2/25/2025	This ECO covers the addition of the plastic stopper to block the output tray sensor arm from entering the recessed area of the DS950. This is intended to prevent the sensor arm from potentially getting stuck in the recessed area and causing a false bin full message and does not alter the system's reliability, functionality, capability, or operation. Based on the information provided, it has been determined that no further testing is necessary.
No	No	ESS-1193	Election Systems & Software, Inc (ES&S)	Pro V&V	EVS 6.3.0.0, EVS 6.4.0.0, and EVS 6.5.0.0 voting systems impacted. DS300 devices impacted.	4/30/2025	This ECO covers an update to the DS300 Scanner Board Field Programmable Gate Array (FPGA) code, for use in new production and spare parts, does not alter the system's reliability, functionality, capability, or operation. Based on the information provided, it has been determined that no further testing is necessary.
					EVS 5.2.4.0		This minor change requires creating a new lock pawl for DS300 Ballot Box and adhesive stop plate for DS200 Base, This is due to the DS200 Ballot Box 98-00074 and DS200 Carry Case 98-

No	No	ESS-1198	Election Systems & Software, Inc (ES&S)	Pro V&V		7/7/2025	00045 reaching end-of-life, and the supplier is unable to continue production of the assembly due to condition of tooling. It does not alter the system's reliability, functionality, capability, or operation.
					EVS 6.5.0.0		
No	No	ESS-1199	Election Systems & Software, Inc (ES&S)	Pro V&V		6/23/2025	In the event RAM allocation was modified in the electionwaresuite.conf file, a semi-static mismatch will occur in the verification process. Appendix C.1 of the ES&S Verification Procedure: Election Management System was modified to include a note to provide an example of a configuration change that would result in a semi-static mismatch.
					EVS 6.5.0.0		
No	No	ESS-1200	Election Systems & Software, Inc (ES&S)	Pro V&V		7/29/2025	Update the Expressvote XL touchscreen firmware to address loss of touch when objects are in contact with screen for extended periods of time.
					ExpressVote XL with EVS: 6.3.0.0, EVS 6.4.0.0, and EVS 6.5.0.0		
No	No	HRT-01679	Hart InterCivic, Inc.	SLI Compliance, a Division of Gaming Laboratories International, LLC		4/29/2025	This ECO accommodates the End-of-Life (EOL) of the roller used for maintenance of the PageScan4 scanner mechanism.
					Verity Voting 2.7		
No	No	HRT-01695	Hart InterCivic, Inc.	SLI Compliance, a Division of Gaming Laboratories International, LLC		9/3/2025	This ECO makes minor mechanical and cosmetic improvements to Verity Vanguard devices prior to initial production for deployment in jurisdictions. This ECO also adds a "VMSG 2.0 EAC Certified" sticker to the Vanguard devices with the artwork received from the EAC. The changes described in this ECO make no modifications to any electronic, software, or firmware components. The ECO is applicable to the Verity Vanguard polling place devices only.
					Verity Vanguard 1.0		
No	No	Unisyn ECO 1031	Unisyn Voting Solutions (a division of International Lottery and Totalizator, Inc.)	Pro V&V		4/11/2025	Adds an 8GB USB drive to be used as a direct replacement for currently certified 1GB USB. This Changes the file system on USB from FAT16 to FAT32 to accommodate larger size.
					OpenElect 2.2		

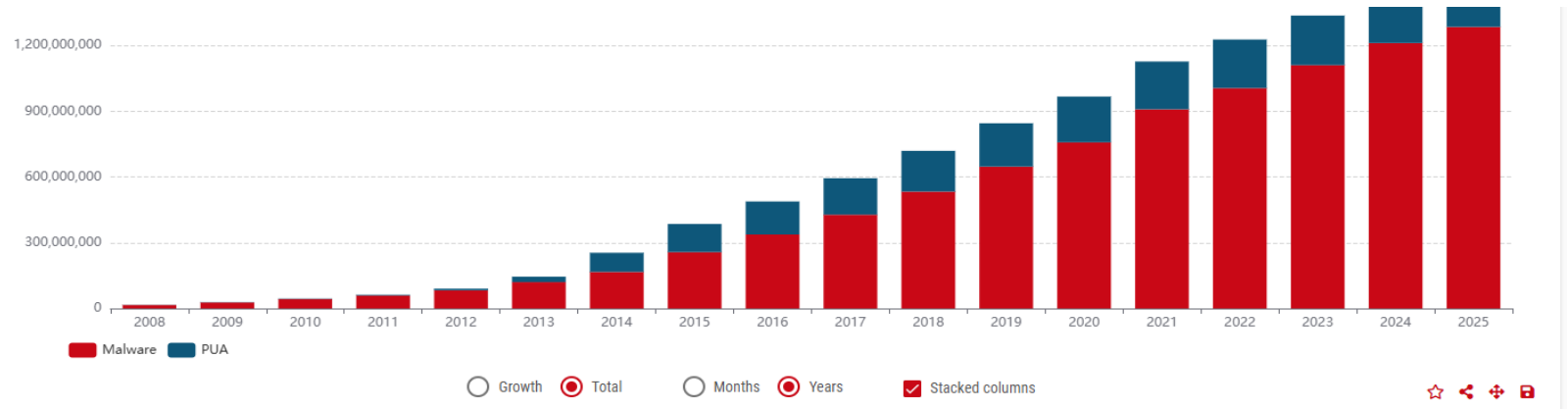
Source: https://www.eac.gov/voting-equipment/engineering-change-orders?title=&field_date_approved_by_eac=2024-01-01&field_date_approved_by_eac_1=2024-12-31

The screenshot shows the Atlas dashboard with the following components:

- Navigation Menu:** Dashboard, Current Threats, Threat Intelligence Feeds, Tests and Services, Tools, Spam, Flare Whitelist, Malware & PUA.
- Summary Cards:**
 - New malware this year: 76,012,078 (In 2025)
 - New malware in the last 14 days: 3,319,145 (In the last 14 days)
 - Total Malware: 1,523,317,412 (Since 1984)
 - Latest detection: Vbclone (2 minutes ago)
- ABOUT MALWARE AND PUA:** With Malware and PUA, the AV-TEST Institute provides an overview of the overall situation regarding malware and potentially malicious software. The samples are categorized according to operating system, malware name or historical development. [Dismiss hint](#)
- TOTAL AMOUNT OF MALWARE AND PUA:** A bar chart showing the total amount of malware and PUA, with a scale from 1,500,000,000 to 1,800,000,000. The AV-TEST logo is prominently displayed.

- Overview
- Statistics
- Latest malware
- IoT
- Flare Android

NEED MORE DATA?
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Source: <https://portal.av-atlas.org/malware>

9/4/2025

7.4.2 of the Voluntary Voting System Guide 1.0 (2005) 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."

https://www.eac.gov/sites/default/files/eac_assets/1/28/VVSG.1.0_Volume_1.PDF