United States Election Assistance Commission

Certificate of Conformance

VotingWorks VxSuite 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 2.0 (VVSG 2.0)*. 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 VxSuite

Model or Version 4.0

Name of VSTL SLI Compliance

EAC Certification Number VXS4

Date Issued September 15, 2026

Brianna Schletz, Executive Director

Scope of Certification Attached

Scope of Certification

Manufacturer: VotingWorks
System Name: VxSuite 4.0
Certificate: VXS4
Laboratory: SLI Compliance
Standard: VVSG 2.0
Date: September 15, 2026

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Version History

Version Number	Description of Changes	Date
4.0	Initial Release	September 15, 2026

Introduction

This document describes the scope of the validation and certification of the **VotingWorks VxSuite 4.0** voting system. Any use, configuration changes, revision changes, additions, or subtractions from the described system are not included in this evaluation.

Significance of EAC Certification

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

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

Representation of EAC Certification

Manufacturers may not represent or imply that a voting system is certified unless they have received a Certificate of Conformance for that system. Statements regarding EAC certification in brochures, on websites, on displays, and in advertising and sales literature must refer solely to specific systems. Any action by a manufacturer suggesting EAC endorsement of its product or organization is strictly prohibited and may result in suspension or other action under federal civil and criminal law.

System Overview

The VotingWorks VxSuite 4.0 voting system consists of four primary components: VxAdmin, VxMarkScan, VxScan, and VxCentralScan. Voters mark paper ballots by hand or use VxMarkScan to produce a machine-marked paper ballot. VxScan and VxCentralScan read and count ballots and create cast vote records for adjudication, aggregation, and reporting in VxAdmin. An election begins with generating an election package and paper ballots using an External Election Definition System, which is not part of the EAC-certified VxSuite 4.0 configuration.

Components Included

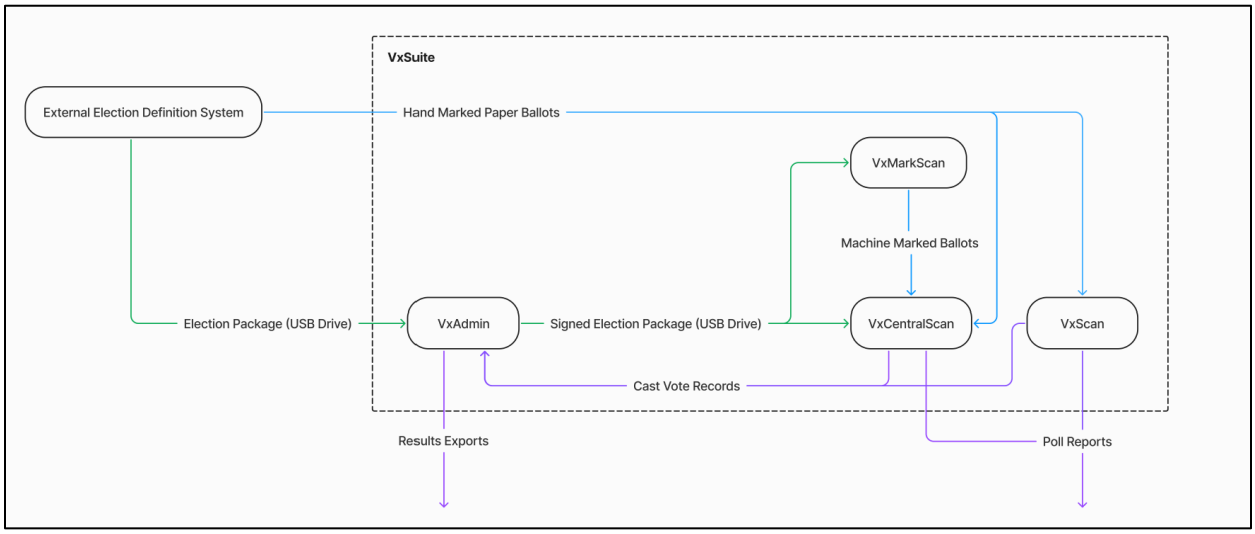
VxAdmin is the offline election-administration workstation used to configure equipment, digitally sign and export election packages, program role-based smart cards, load cast vote records, adjudicate results, aggregate results, and create reports. Election administrators may mark results as official, after which additional results cannot be added.

VxMarkScan is the accessible ballot marking device. It supports touchscreen, tactile-controller, limited-dexterity, visual, and audio interaction modes. It prints a voter-verifiable paper ballot, allows the voter to review the interpreted selections, and deposits the confirmed ballot into the attached ballot box. VxMarkScan does not tabulate ballots.

VxScan is the precinct count scanner. It scans ballots inserted in any orientation, creates cast vote records, supports configured second-chance voting, stores accepted ballots in its ballot box, and prints polls-open and polls-closed reports. Its cast vote records are transferred to VxAdmin for adjudication, aggregation, and reporting.

VxCentralScan is the central count scanning workstation used primarily for batch scanning absentee or provisional ballots. It works with a RICOH fi-8170 or RICOH fi-7600 scanner, may use a compatible imprinter, and exports cast vote records to VxAdmin for adjudication, aggregation, and reporting.

System Diagram



Proprietary Software/Firmware

System Component	Function	Software Version
VxAdmin	Election setup, equipment configuration, media creation, result consolidation, adjudication, and reporting	4.0.7
VxMarkScan	Accessible ballot marking and voter verification	4.0.7
VxScan	Precinct ballot scanning and tabulation	4.0.7
VxCentralScan	Central count ballot scanning and tabulation	4.0.7

The VxSuite software incorporates VotingWorks-created open-source software and commercial off-the-shelf products.

Proprietary Hardware

Manufacturer	Hardware	Model
VotingWorks	VxScan	4.0.5
VotingWorks	VxScan Ballot box - Precinct Scanner Ballot Box - Purpose made, plastic, collapsible ballot box for use with VxScan	4.0.0
VotingWorks	VxMarkScan	4.0.0

COTS Software and Firmware

The software and firmware used by VotingWorks VxSuite 4.0 include custom software and firmware developed as open source or incorporating open-source

software, as well as commercial off-the-shelf (COTS) products. The COTS applications were verified as unmodified or were reviewed to analyze modifications and verify conformance with the applicable standards.

Workstations & Voting Devices		
Manufacturer/Managing entity	**Application/Package**	**Version**
https://www.rustlang.org/governance	rust-1.93.0-x86_64-unknown-linux-gnu.tar.gz	1.93.0
https://nodejs.org/en/about/governance	node-v20.16.0-linux-x64.tar.gz	20.16.0
Debian ALSA Maintainers <pkg-alsa-devel@lists.alioth.debian.org>	alsa-utils_1.2.8-1_amd64.deb	1.2.8-1
nicoo <nicoo@debian.org>	brightnessctl_0.5.1-3_amd64.deb	0.5.1-3
Matthias Klose <doko@debian.org>	build-essential_12.9_amd64.deb	12.9
Debian Chromium Team <chromium@packages.debian.org>	chromium_148.0.7778.167-1~deb12u1_amd64.deb	148.0.7778.167-1~deb12u1
Debian Cloud Team <debian-cloud@lists.debian.org>	cloud-guest-utils_0.33-1_all.deb	0.33-1
Debian Cryptsetup Team <pkg-cryptsetup-devel@alioth-lists.debian.net>	cryptsetup_2%3a2.6.1-4~deb12u2_amd64.deb	2:2.6.1-4~deb12u2
Debian Printing Team <debian-printing@lists.debian.org>	cups_2.4.2-3+deb12u9_amd64.deb	2.4.2-3+deb12u9
Debian Printing Team <debian-printing@lists.debian.org>	cups-bsd_2.4.2-3+deb12u9_amd64.deb	2.4.2-3+deb12u9
Debian Printing Team <debian-printing@lists.debian.org>	cups-client_2.4.2-3+deb12u9_amd64.deb	2.4.2-3+deb12u9
Alessandro Ghedini <ghedo@debian.org>	curl_7.88.1-10+deb12u14_amd64.deb	7.88.1-10+deb12u14
Sanford Rockowitz <rockowitz@minsoft.com>	ddcutil_1.4.1-1_amd64.deb	1.4.1-1
Debian Java Maintainers <pkg-java-maintainers@lists.alioth.debian.org>	default-jdk_2%3a1.17-74_amd64.deb	2:1.17-74
Andreas Bombe <aeb@debian.org>	dosfstools_4.2-1_amd64.deb	4.2-1
Debian UEFI Maintainers <debian-efi@lists.debian.org>	efitools_1.9.2-3_amd64.deb	1.9.2-3
Sven Hoexter <hoexter@debian.org>	exfatprogs_1.2.0-1+deb12u1_amd64.deb	1.2.0-1+deb12u1
util-linux packagers <util-linux@packages.debian.org>	fdisk_2.38.1-5+deb12u3_amd64.deb	2.38.1-5+deb12u3
Utopia Maintenance Team <pkg-utopia-maintainers@lists.alioth.debian.org>	firewalld_1.3.3-1~deb12u1_all.deb	1.3.3-1~deb12u1
Debian Kernel Team <debian-kernel@lists.debian.org>	firmware-amd-graphics_20230210-5_all.deb	20230210-5
Debian Kernel Team <debian-kernel@lists.debian.org>	firmware-linux_20230210-5_all.deb	20230210-5
Debian Kernel Team <debian-kernel@lists.debian.org>	firmware-linux-free_20200122-1_all.deb	20200122-1
Debian Kernel Team <debian-kernel@lists.debian.org>	firmware-misc-nonfree_20230210-5_all.deb	20230210-5

Workstations & Voting Devices		
Manufacturer/Managing entity	**Application/Package**	**Version**
Mark Pearson <mpearson-lenovo@squebb.ca>	firmware-sof-signed_2.2.4-1_all.deb	2.2.4-1
Debian Fonts Task Force <pkg-fonts-devel@lists.alioth.debian.org>	fonts-wqy-zenhei_0.9.45-8_all.deb	0.9.45-8
Jonathan Nieder <jrnieder@gmail.com>	git_1%3a2.39.5-0+deb12u3_amd64.deb	1:2.39.5-0+deb12u3
Debian GNOME Maintainers <pkg-gnome-maintainers@lists.alioth.debian.org>	gvfs_1.50.3-1+deb12u1_amd64.deb	1.50.3-1+deb12u1
Milan Kupcevic <milan@debian.org>	gzip_1.12-1_amd64.deb	1.12-1
Debian Printing Team <debian-printing@lists.debian.org>	hplip_3.22.10+dfsg0-2_amd64.deb	3.22.10+dfsg0-2
Debian Printing Team <debian-printing@lists.debian.org>	ipp-usb_0.9.23-1+b4_amd64.deb	0.9.23-1+b4
Debian Netfilter Packaging Team <pkg-netfilter-team@lists.alioth.debian.org>	iptables_1.8.9-2_amd64.deb	1.8.9-2
ChangZhuo Chen (陳昌倬) <czchen@debian.org>	jq_1.6-2.1+deb12u1_amd64.deb	1.6-2.1+deb12u1
Debian Qt/KDE Maintainers <debian-qt-kde@lists.debian.org>	kde-cli-tools_4%3a5.27.5.1-2_amd64.deb	4:5.27.5.1-2
Debian Accessibility Team <pkg-a11y-devel@alioth-lists.debian.net>	libatspi2.0-0_2.46.0-5_amd64.deb	2.46.0-5
Debian GNOME Maintainers <pkg-gnome-maintainers@lists.alioth.debian.org>	libcairo2-dev_1.16.0-7_amd64.deb	1.16.0-7
David Suárez <david.sephirot@gmail.com>	libgif-dev_5.2.1-2.5_amd64.deb	5.2.1-2.5
Debian GNOME Maintainers <pkg-gnome-maintainers@lists.alioth.debian.org>	libglib2.0-bin_2.74.6-2+deb12u9_amd64.deb	2.74.6-2+deb12u9
Debian GNOME Maintainers <pkg-gnome-maintainers@lists.alioth.debian.org>	libgtk-3-0_3.24.38-2~deb12u3_amd64.deb	3.24.38-2~deb12u3
Ondřej Surý <ondrej@debian.org>	libjpeg-dev_1%3a2.1.5-2_amd64.deb	1:2.1.5-2
Debian GNOME Maintainers <pkg-gnome-maintainers@lists.alioth.debian.org>	libnotify4_0.8.1-1_amd64.deb	0.8.1-1
Debian GNOME Maintainers <pkg-gnome-maintainers@lists.alioth.debian.org>	libpango1.0-dev_1.50.12+ds-1_amd64.deb	1.50.12+ds-1
Ludovic Rousseau <rousseau@debian.org>	libpcsclite1_1.9.9-2_amd64.deb	1.9.9-2
Ludovic Rousseau <rousseau@debian.org>	libpcsclite-dev_1.9.9-2_amd64.deb	1.9.9-2
Debian X Strike Force <debian-x@lists.debian.org>	libpixman-1-dev_0.42.2-1_amd64.deb	0.42.2-1
Maintainers of libpng1.6 packages <libpng1.6@packages.debian.org>	libpng-dev_1.6.39-2+deb12u5_amd64.deb	1.6.39-2+deb12u5
Jörg Frings-Fürst <debian@jff.email>	libsane_1.2.1-2_amd64.deb	1.2.1-2
Jörg Frings-Fürst <debian@jff.email>	libsane1_1.2.1-2_amd64.deb	1.2.1-2

Workstations & Voting Devices		
Manufacturer/Managing entity	**Application/Package**	**Version**
Jörg Frings-Fürst <debian@jff.email>	libsane-common_1.2.1-2_all.deb	1.2.1-2
Debian Printing Team <debian-printing@lists.debian.org>	libsane-hpaio_3.22.10+dfsg0-2_amd64.deb	3.22.10+dfsg0-2
Debian systemd Maintainers <pkg-systemd-maintainers@lists.alioth.debian.org>	libudev-dev_252.39-1~deb12u2_amd64.deb	252.39-1~deb12u2
Aurelien Jarno <aurel32@debian.org>	libusb-1.0-0-dev_2%3a1.0.26-1_amd64.deb	2:1.0.26-1
Debian X Strike Force <debian-x@lists.debian.org>	libx11-dev_2%3a1.8.4-2+deb12u2_amd64.deb	2:1.8.4-2+deb12u2
Debian X Strike Force <debian-x@lists.debian.org>	libxss1_1%3a1.2.3-1_amd64.deb	1:1.2.3-1
Debian X Strike Force <debian-x@lists.debian.org>	libxtst6_2%3a1.2.3-1.1_amd64.deb	2:1.2.3-1.1
Aurelien Jarno <aurel32@debian.org>	lm-sensors_1%3a3.6.0-7.1_amd64.deb	1:3.6.0-7.1
Manoj Srivastava <srivasta@debian.org>	make_4.3-4.1_amd64.deb	4.3-4.1
Debian QA Group <packages@qa.debian.org>	mingetty_1.08-4_amd64.deb	1.08-4
Mateusz Łukasik <mati75@linuxmint.pl>	openbox_3.6.1-10_amd64.deb	3.6.1-10
Thomas Girard <thomas.g.girard@free.fr>	pahole_1.24-4.1_amd64.deb	1.24-4.1
Parted Maintainer Team <parted-maintainers@alioth-lists.debian.net>	parted_3.5-3_amd64.deb	3.5-3
Ludovic Rousseau <rousseau@debian.org>	pcscd_1.9.9-2_amd64.deb	1.9.9-2
Ludovic Rousseau <rousseau@debian.org>	pcsc-tools_1.6.2-1_amd64.deb	1.6.2-1
Pulseaudio maintenance team <pkg-pulseaudio-devel@lists.alioth.debian.org>	pulseaudio_16.1+dfsg1-2+b1_amd64.deb	16.1+dfsg1-2+b1
Pulseaudio maintenance team <pkg-pulseaudio-devel@lists.alioth.debian.org>	pulseaudio-utils_16.1+dfsg1-2+b1_amd64.deb	16.1+dfsg1-2+b1
Paul Slootman <paul@debian.org>	rsync_3.2.7-1+deb12u4_amd64.deb	3.2.7-1+deb12u4
Michael Biebl <biebl@debian.org>	rsyslog_8.2302.0-1+deb12u1_amd64.deb	8.2302.0-1+deb12u1
Debian Ruby Team <pkg-ruby-extras-maintainers@lists.alioth.debian.org>	ruby_1%3a3.1_amd64.deb	01:3.1
Debian Ruby Team <pkg-ruby-extras-maintainers@lists.alioth.debian.org>	ruby-dev_1%3a3.1_amd64.deb	01:3.1
Debian Printing Team <debian-printing@lists.debian.org>	sane-airscan_0.99.27-1+b1_amd64.deb	0.99.27-1+b1
Jörg Frings-Fürst <debian@jff.email>	sane-utils_1.2.1-2_amd64.deb	1.2.1-2
Debian EFI Team <debian-efi@lists.debian.org>	sbsigntool_0.9.4-3.1_amd64.deb	0.9.4-3.1

Workstations & Voting Devices		
Manufacturer/Managing entity	**Application/Package**	**Version**
Torsten Landschoff <torsten@debian.org>	swig_4.1.0-0.2_all.deb	4.1.0-0.2
Debian systemd Maintainers <pkg-systemd-maintainers@lists.alioth.debian.org>	systemd-boot-efi_252.39-1~deb12u2_amd64.deb	252.39-1~deb12u2
Janos Lenart <ocsi@debian.org>	tar_1.34+dfsg-1.2+deb12u1_amd64.deb	1.34+dfsg-1.2+deb12u1
Stefano Karapetsas <stefano@karapetsas.com>	trash-cli_0.17.1.14-5_all.deb	0.17.1.14-5
Axel Beckert <abe@debian.org>	unclutter_8-25_amd64.deb	8-25
Santiago Vila <sanvila@debian.org>	unzip_6.0-28_amd64.deb	6.0-28
Birger Schacht <birger@debian.org>	usbguard_1.1.2+ds-3+b1_amd64.deb	1.1.2+ds-3+b1
Noël Köthe <noel@debian.org>	wget_1.21.3-1+deb12u1_amd64.deb	1.21.3-1+deb12u1
Debian freedesktop.org maintainers <pkg-freedesktop-maintainers@lists.alioth.debian.org>	xdg-utils_1.1.3-4.1_all.deb	1.1.3-4.1
Debian X Strike Force <debian-x@lists.debian.org>	x11-common_1%3a7.7+23_all.deb	1:7.7+23
Debian X Strike Force <debian-x@lists.debian.org>	xinit_1.4.0-1_amd64.deb	1.4.0-1
Debian X Strike Force <debian-x@lists.debian.org>	xinput_1.6.3-1_amd64.deb	1.6.3-1
Debian X Strike Force <debian-x@lists.debian.org>	xorg_1%3a7.7+23_amd64.deb	1:7.7+23
Debian X Strike Force <debian-x@lists.debian.org>	xserver-xorg-core_2%3a21.1.7-3+deb12u12_amd64.deb	2:21.1.7-3+deb12u12
Debian X Strike Force <debian-x@lists.debian.org>	xserver-xorg-input-all_1%3a7.7+23_amd64.deb	1:7.7+23
Debian X Strike Force <debian-x@lists.debian.org>	xserver-xorg-input-libinput_1.2.1-1+b1_amd64.deb	1.2.1-1+b1
Boyuan Yang <byang@debian.org>	xserver-xorg-input-wacom_1.1.0-1_amd64.deb	1.1.0-1
Debian X Strike Force <debian-x@lists.debian.org>	xserver-xorg-video-all_1%3a7.7+23_amd64.deb	1:7.7+23
Debian Vim Maintainers <team+vim@tracker.debian.org>	xxd_2%3a9.0.1378-2+deb12u2_amd64.deb	2:9.0.1378-2+deb12u2
Santiago Vila <sanvila@debian.org>	zip_3.0-13_amd64.deb	3.0-13
Debian QA Group <packages@qa.debian.org>	autoconf_2.71-3_all.deb	2.71-3
Bastien Roucariès <rouca@debian.org>	autoconf-archive_20220903-3_all.deb	20220903-3
Eric Dorland <eric@debian.org>	automake_1%3a1.16.5-1.3_all.deb	1:1.16.5-1.3
Henrique de Moraes Holschuh <hmh@debian.org>	autotools-dev_20220109.1_all.deb	20220109.1
Alessandro Ghedini <ghedo@debian.org>	libcurl4-openssl-dev_7.88.1-10+deb12u14_amd64.deb	7.88.1-10+deb12u14

Workstations & Voting Devices		
Manufacturer/Managing entity	**Application/Package**	**Version**
Nicolas Mora <babelouest@debian.org>	libjson-c-dev_0.16-2_amd64.deb	0.16-2
Alastair McKinstry <mckinstry@debian.org>	libltdl-dev_2.4.7-7~deb12u1_amd64.deb	2.4.7-7~deb12u1
NIIBE Yutaka <gniibe@fsij.org>	libqrencode4_4.1.1-1_amd64.deb	4.1.1-1
NIIBE Yutaka <gniibe@fsij.org>	libqrencode-dev_4.1.1-1_amd64.deb	4.1.1-1
Debian OpenSSL Team <pkg-openssl-devel@alioth-lists.debian.net>	libssl-dev_3.0.20-1~deb12u1_amd64.deb	3.0.20-1~deb12u1
Alastair McKinstry <mckinstry@debian.org>	libtool_2.4.7-7~deb12u1_all.deb	2.4.7-7~deb12u1
Mathieu Trudel-Lapierre <cyphermox@ubuntu.com>	libtss2-esys-3.0.2-0_3.2.1-3_amd64.deb	3.2.1-3
Mathieu Trudel-Lapierre <cyphermox@ubuntu.com>	libtss2-fapi1_3.2.1-3_amd64.deb	3.2.1-3
Mathieu Trudel-Lapierre <cyphermox@ubuntu.com>	libtss2-mu0_3.2.1-3_amd64.deb	3.2.1-3
Mathieu Trudel-Lapierre <cyphermox@ubuntu.com>	libtss2-rc0_3.2.1-3_amd64.deb	3.2.1-3
Mathieu Trudel-Lapierre <cyphermox@ubuntu.com>	libtss2-sys1_3.2.1-3_amd64.deb	3.2.1-3
Mathieu Trudel-Lapierre <cyphermox@ubuntu.com>	libtss2-tcti-cmd0_3.2.1-3_amd64.deb	3.2.1-3
Mathieu Trudel-Lapierre <cyphermox@ubuntu.com>	libtss2-tcti-device0_3.2.1-3_amd64.deb	3.2.1-3
Mathieu Trudel-Lapierre <cyphermox@ubuntu.com>	libtss2-tctildr0_3.2.1-3_amd64.deb	3.2.1-3
Mathieu Trudel-Lapierre <cyphermox@ubuntu.com>	libtss2-tcti-mssim0_3.2.1-3_amd64.deb	3.2.1-3
Mathieu Trudel-Lapierre <cyphermox@ubuntu.com>	libtss2-tcti-swtpm0_3.2.1-3_amd64.deb	3.2.1-3
Santiago Vila <sanvila@debian.org>	m4_1.4.19-3_amd64.deb	1.4.19-3
NIIBE Yutaka <gniibe@fsij.org>	qrencode_4.1.1-1_amd64.deb	4.1.1-1
Luca Boccassi <bluca@debian.org>	tpm2-openssl_1.1.1-1_amd64.deb	1.1.1-1
Ying-Chun Liu (PaulLiu) <paulliu@debian.org>	tpm2-tools_5.4-1_amd64.deb	5.4-1

COTS Hardware

Component	Component Type	Associated COTS Hardware
VxAdmin	Workstation	• HP Elitebook 840 G11 with internal smart card reader • Tripp Lite 4-port Ultra Slim USB Hub • HP Laser Pro 4001dn printer • Uninterruptible Power Supply: APC Backup-UPS 1500 - BN1500M2 • Lindy RJ45 Port Blocker
VxCentralScan	Workstation	• HP Elitebook 840 G11 with internal smart card reader • Tripp Lite 4-port Ultra Slim USB Hub • RICOH fi-8170 small desktop scanner • RICOH fi-819PRB Imprinter (for fi-8170) • RICOH fi-7600 Large desktop Scanner • RICOH fi-760PRB Imprinter (for fi-7600) • Uninterruptible Power Supply: APC Backup-UPS 1500 - BN1500M2 • Lindy RJ45 Port Blocker
VxScan	Precinct Scanner	• Uninterruptible Power Supply: GoldenMate 1000 VA
VxMarkScan	Ballot Marking Device	• Smartmatic Ballot Marking Device VSAP-150 • Origin Instruments Air Voter (Sip and Puff) • HID Smart Card Reader R31210375-1 • Williams Audio Visual T-Coil Neckloop NKL-001 • Uninterruptible Power Supply: APC Backup-UPS 1500 - BN1500M2

The Ethernet port on the RICOH fi-8170 and the network port on the VxAdmin printer are physically blocked because network connectivity is not allowed by the certified system.

Language Capability

VxSuite 4.0 supports English, Spanish, Chinese (Simplified), and Chinese (Traditional). VxMarkScan can present translated ballot text and application text and can play election-package audio files during audio-mode voting.

System Limitations

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

Election Definition Limits

Item	Per	Upper Limit
Precincts	Election	1,000
Candidates	Election	1,000
Contests	Election	1,000
Ballot Styles	Election	1,000
Candidates	Contest	100
Vote for	Contest	50
Characters	Name, Title, Label	100
Characters	Proposition Description	10,000

Component Limits

VxAdmin

- The total number of CVRs that can be imported is limited by the total disk space on the laptop (approximately 200 GB). The exact number of CVRs depends on ballot size, ballot selections, tabulator used (VxScan or VxCentralScan), and other factors that determine expected CVR size.

VxCentralScan

- The total number of ballots scanned is limited by the total disk space on the laptop (approximately 200 GB). The exact number of ballots depends on ballot size, complexity, and selections made, which determine the CVR and ballot-image sizes.
- Maximum tabulation rate by central scanner model: RICOH fi-8170—80 sheets per minute; RICOH fi-7600—100 sheets per minute.

VxMarkScan

- Supports 8 × 11-inch and 8 × 13.25-inch ballot size.
- Ballots are limited to 25 contests.
- For any one contest, n (Vote For per Contest) is limited to 25 and m (Candidates per Contest) is limited to 100. Across all contests on a ballot style, the sum of n is limited to 75 and the sum of m is limited to 135.
- Each write-in is limited to 40 characters. The sum of write-in characters across all contests on a ballot is limited to 60.
- The ballot box supports up to 200 ballots before needing to be cleared.
- Can activate, mark, verify, and cast up to 20 ballots per hour. The exact rate depends on time spent by the voter marking and verifying a ballot before casting.

VxScan

- The main ballot-box compartment supports up to 3,000 ballots before needing to be cleared.

- The auxiliary compartment supports up to 100 ballots before needing to be cleared. Ballots longer than 19 inches must be folded.
- Total ballots scanned for a given VxScan configuration are limited to 10,000 ballots. This limit is based on available external disk space to ensure adequate capacity if CVRs must be re-synchronized.

Certified Configuration and Operational Limitations

- The external election-definition system used to generate the initial election package and paper ballots is outside the EAC-certified configuration. VxSuite receives the election package as an input and uses it to configure election data, ballot styles, and tabulation/reporting logic within the certified components. The external system, including how the original election definition and ballot files are created before import into VxSuite, is not evaluated as part of this certification.
- VxMarkScan is not a tabulator; ballots produced using VxMarkScan must be tabulated using VxScan or VxCentralScan, as applicable to the election configuration and procedures.
- The system is not a cryptographic end-to-end verifiable voting system.
- Voter speech, secondary identification, and biometric authentication are not supported.

Functionality

VVSG 2.0 Supported Functionality Declaration

Feature/Characteristic	Yes/No	Comment
System Functionality		
Election creation	Yes	VxSuite supports creation/import of elections through the election package workflow. Election setup in VxAdmin uses an election package generated from an external election definition system.
Closed primary	Yes	VxSuite supports partisan primary elections. However, the system itself does not implement primary type rules. Whether a primary is open or closed is determined outside the voting system through voter registration procedures and ballot issuance.
Open primary	Yes	VxSuite supports partisan primary elections. However, the system itself does not implement primary type rules. Whether a primary is open or closed is determined outside the voting system through

		voter registration procedures and ballot issuance.
N-of-M contest	Yes	
Precinct splits	Yes	
Ballot rotation	Yes	
Straight-party contest	No	
Cumulative contest	No	
Ranked choice contest	No	
Party preference contest	No	
Top-2 primary contest	No	
Presidential delegate contest	No	
Proportional voting contest	No	
Group voting contest	No	
Recall contest pair	No	
Top-2 IRV contest	No	
Cross-party endorsement with straight-party voting	No	
Write-in voting	Yes	
Tabulation		
Provisional or challenged ballots	Yes	
Overvotes	Yes	
Undervotes	Yes	
Blank ballots	Yes	
Devices Supported		
Ballot marking device	Yes	
Precinct scanner	Yes	
Central count scanner	Yes	
All-in-one device	No	