



United States Election Assistance Commission

Certificate of Conformance

Hart Verity Voting 2.3



The voting system identified on this certificate has been evaluated at an accredited voting system testing laboratory for conformance to the 2005 *Voluntary Voting System Guidelines (2005 VVSG)*. 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: Verity Voting

Model or Version: 2.3

Name of VSTL: SLI Compliance

EAC Certification Number: HRT-VERITY-2.3

Date Issued: March 15, 2019

Executive Director
U.S. Election Assistance Commission

Scope of Certification Attached

Manufacturer: Hart InterCivic
System Name: Verity Voting 2.3
Certificate: HRT-Verity-2.3

Laboratory: SLI Compliance
Standard: 2005 VVSG
Date: 3/14/2019



Scope of Certification

This document describes the scope of the validation and certification of the system defined above. 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 particular component of a certified system is itself certified for use outside the certified configuration.

Representation of EAC Certification

Manufacturers may not represent or imply that a voting system is certified unless it has received a Certificate of Conformance for that system. Statements regarding EAC certification in brochures, on Web sites, on displays, and in advertising/sales literature must be made solely in reference to specific systems. Any action by a Manufacturer to suggest EAC endorsement of its product or organization is strictly prohibited and may result in a Manufacturer's suspension or other action pursuant to Federal civil and criminal law.

System Overview:

Verity Voting is a comprehensive voting system that includes software and hardware components to support paper-based, electronic, and by-mail voting. These components allow election professionals to accomplish the following high-level tasks:

- Input of election data
 - Definition and maintenance of election databases
 - Formatting of ballots
 - Setup and deployment of voting devices
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- Counting of votes
- Consolidation and reporting of results and election audits

Verity Scan is a scanning device (tabulator) that is used in conjunction with an external ballot box. The unit is designed to scan marked paper ballots, interpret and record voter marks on the paper ballot and deposit the ballots into the secure ballot box. Verity Scan is capable of tabulating votes, or producing a ballot count report which includes quantities of ballots scanned.

Verity Touch Writer is a standalone Ballot Marking Device (BMD) which also includes an Audio Tactile Interface (ATI). Touch Writer allows voters who cannot hand-mark a paper ballot to generate a machine-readable and human readable paper ballot, based on vote selections made through the accessible electronic interface.

Verity Touch Writer Duo is a Ballot Marking Device (BMD) which may include a Verity Access Audio Tactile Interface (ATI), has an integrated printer, and is configured for use in a daisy-chained network with Verity Controller. Touch Writer Duo generates a machine-readable and human-readable printed vote record, based on vote selections made through the electronic interface.

Verity Print is an on-demand ballot production device for unmarked paper ballots.

Verity Election Management allows users to manage and import elections. Elections are available through the “Elections” chevron in Verity Build. Users can also delete, archive, restore, and rename the elections.

Verity User Management enables users with the correct role and permissions to create and manage user accounts within the Verity Voting system for the local workstation in a standalone configuration, or for the network in a networked configuration.

Verity Desktop enables users with the correct roles to set the workstations’ date and time, gather Verity software application hash codes (in order to validate the correctness of the installed applications), and access to Windows desktop.

Verity Data provides users capabilities to input jurisdiction- and election-specific data for paper and accessible electronic ballots, as well as audio for accessible electronic ballots. Verity Data also includes capabilities to allow proofing of data, layout, and audio that has been created. Verity Data also performs validation on the entered information to ensure that it is ready for use in Verity Build.

Verity Build allows users to proof data, view reports, create election definitions, print ballots, and create election media (vDrives). Build also allows users to configure settings for Verity Scan digital scanners and Verity Touch Writer BMD devices.

Verity Central is a high-speed, central digital ballot scanning system used for high volume processing of ballots (such as vote by mail). Verity Central is based on COTS scanning hardware coupled with the custom Hart-developed ballot processing application software, which resides on an attached COTS work-station.

Verity Count is an application that tabulates election results and generates reports. Verity Count can also be used to collect and store all election logs from every Verity component/device used in the election, allowing for complete election audit log reviews.

Verity Controller is a polling place device used by the poll worker to monitor the operation and create access codes for Verity Touch, Touch with Access, and Touch Writer Duo systems. Access codes allow each voter to activate a ballot session and cast a vote (or mark a ballot, for Touch Writer Duo) in private. The poll worker uses the Verity Controller to manage up to 12 devices that are connected via a daisy-chain network.

Verity Touch is a Direct Recording Electronic (DRE) device controlled via a touch screen. It is networked to Controllers and other DRE devices via a daisy-chain network. After the voter privately and independently marks and reviews the ballot, that ballot is electronically cast.

Verity Touch with Access is a DRE device identical to the Verity Touch device, except that it adds a Verity Access Audio Tactile Interface (ATI) to provide additional options for accessible voting. Access has three tactile buttons, one audio port, and one port for two-switch adaptive devices (such as “jelly switches” or sip-and-puff devices). Jacks for headphones and adaptive devices are located on the top edge of the ATI device.

Verity AutoBallot is an optional barcode scanning kit for Verity Controller, Verity Print, and Verity Touch Writer that allows air-gapped integration between an e-pollbook check-in process and the task of selecting the proper ballot style for the voting system.

vDrive is a required Verity Voting component, used as a portable media device generated by Verity Build. vDrive allows election definitions to be moved from Verity Build to Verity Controller, Verity Scan, Verity Touch Writer, and Verity Print. vDrive supports the transfer of Cast Vote Records (CVRs) in Verity Controller (DRE configuration), Verity Scan, and Verity Central.

Verity Key is an electronic media that is created by Verity Build for a specific election. Verity Key is the electronic media that provides user authentication and configures election security throughout the Verity voting system.

Certified System before Modification (If applicable):

Verity Voting 2.0

Anomalies and/or Additions addressed in Verity Voting 2.3:

N/A

Mark definition:

System supports marks that cover a minimum of 4% of the rectangular marking area.

Tested Marking Devices:

System supports Black and Blue ballpoint pens; testing was performed with black, blue, dark blue, pink, light green, green, orange, and red pens, as well as #2 pencil lead.

Language capability:

System supports English, Spanish, Chinese, Japanese, Korean, Khmer, Thai, Vietnamese, Tagalog, Ilocano, and Hindi.
