July 8, 2025

Les Bowen
Certification & Training Program Specialist
Office of the Secretary of State
520 Union Ave SE
Olympia, WA 98501

Via: Electronic Mail

RE: Application for Certification of Verity Vanguard 1.0

Dear Mr. Bowen,

Hart InterCivic, Inc. is seeking certification of Verity Vanguard 1.0 for use in the State of Washington. Verity Vanguard 1.0 has been certified by the EAC and has been tested by SLI Compliance with guidelines based on the federal Voluntary Voting System Guidelines (VVSG), Version 2.0.

Additional Materials
Hart is including the following items with this application submission:

- Certificate of Conformance and Scope of Certification Document from the U.S. Election Assistance Commission.
- Test report by an independent testing authority indicating conformance to standard for voting equipment issued by the U.S. Election Assistance Commission.

Verity Vanguard 1.0 includes the following components:
- Vanguard Workspace – Election management software suite
- Vanguard Define – Data management software application
- Vanguard Deploy – Election definition software application
- Vanguard Capture – Central scanning software application
- Vanguard Results – Tabulation and reporting software application
- Vanguard Settings – Utility module for adjustment of settings
- Vanguard Users – Utility module to manage user accounts and permissions
- Vanguard Manage – Utility module to create and manage elections
- Vanguard Libraries – Optional utility module to manage and reuse audio files and translations
- Vanguard Test Decks – Optional utility module to automatically create LAT test decks
- Vanguard Ranked Choice – Optional module to manage ranked choice voting contests
- Vanguard Boost – Pre-voting ballot production and ballot activation device
- Vanguard Flex – Ballot marking device with integrated COTS printer
- Vanguard Vault – Digital scanning voting device

Overview of the Verity Vanguard system

The Verity Vanguard system includes software, hardware, devices, and peripheral components that allow election professionals to accomplish the following high-level tasks:

- Election definition
- Ballot production
- Election media production
- Voting machine configuration and use
- Central scanning and adjudication of ballots
- Counting of votes
- Consolidation and reporting of results and audit logs

Identification of the Verity Vanguard Voting System

Software Applications

- **Vanguard Workspace** is a comprehensive solution for end-to-end election management. Comprised of a variety of different modules (listed in detail below) essential for running secure, efficient elections, Vanguard Workspace allows you to pick and choose the tools you need to run elections your way.
- **Vanguard Define** is the election data import/management and ballot design module. This is where elections take shape through definition, proofing, and finalization of election data. This module is where jurisdictions manage the data associated with where their elections happen (precincts, districts, polling places, etc.) as well as the content on the ballot for their voters (contests, candidates, propositions, etc.).
- **Vanguard Deploy** is the election deployment module. This is where Election Officials can define specific rules, device behaviors, and produce all media (ballots, vDrives, Verity Keys, and Security Tickets) for their election. This is the last stop before an election is deployed to Vanguard polling place equipment or by mail solutions.
- **Vanguard Capture** is an optional module for jurisdictions who have a high volume of by-mail ballots. Capture is a centralized scanning and adjudication module. The module is paired with a COTS high speed scanner, where voter intent matters, write-ins, and other ballot related concerns are adjudicated on screen.
- **Vanguard Results** is the tabulation and reporting module. It is where all cast vote data - whether captured on Vault in a polling place or scanned centrally in Capture, is tallied for results reporting. The results module also supports customizable reporting options, an elections night dashboard for tracking progress on election night, and robust auditing measures - including ballot level RLAs for those who leverage Verity Vanguard's imprinting technology.
- **Vanguard Settings** is a utility to adjust clock settings, printer settings, export Hash files for validation, etc. It is the module that has everything to do with the management of the workstation and peripheral devices itself, as well as software versioning/ certificate validation.
- **Vanguard Users** is a utility used to set user permissions and define profiles for accessing Vanguard Workspace modules. It allows users to define password complexity, workstation logout and access behavior, and more for enhanced security within the Elections Office.
- **Vanguard Manage** is a utility to create and manage elections. Equipped with enhanced parameters for number and types of elections generated, as well as the ability to safely archive, restore, and back up election data. All new elections "start" in the Manage utility.
- **Vanguard Libraries** is an optional module which enables automatic reuse of audio and translations from election to election without the need to export and import data. Available as an unlockable tile on any

workstation equipped with Define/Deploy - Libraries allow the management of commonly used audio and translation files within the certified system. Libraries utilize intelligent string matching to automatically match content with translation and audio files in an election as well as capture new content from election data not already in a library, greatly streamlining one of the most tedious aspects of election definition.

- **Vanguard Test Decks** is an optional module which enables creation of pre-marked test decks and accompanying results files to streamline Logic and Accuracy testing (LATs). It is available as an unlockable tile on any workstation equipped with Define/Deploy.
- **Vanguard Ranked Choice** is an optional module which allows users to verify, tabulate, and report on ranked choice voting contests. It is available as an unlockable tile on any workstation equipped with the Results module.

Voting Devices and Peripheral Equipment

- **Vanguard Boost** is a poll worker facing device to optimize ballot issuance in the polling place. An optional accessory, Boost can issue ballots on demand OR issue voter self-service tickets, called Vote Passes, for independent ballot activation on a ballot marking device.
- **Vanguard Flex** is a versatile ballot marking device. Voters can mark their ballots using the touchscreen interface or a wide variety of accessible controls. Vanguard Flex offers a compact footprint, multiple screen orientations, enhanced security, and 1-step set up.
- **Vanguard Vault** is a polling place scanning device that captures voter choices whether using ballots marked by hand or machine, including summary ballots (printed vote records, PVRs).
- **Vanguard Access** is an audio tactile interface (ATI) controller that is connected to Vanguard Flex ballot marking devices as a complement to the touchscreen display, to provide additional options for accessible voting. Access has three tactile buttons, one audio port, one port for two-switch adaptive devices (such as "jelly switches" or sip-and-puff devices), and a custom USB cable. Jacks for headphones and adaptive devices are located on the top edge of the device, and the device has gripping surfaces on either side.
- **Ballot Box.** Designed to work seamlessly with the Vanguard Vault scanning device, the Ballot Box is designed for security and ease of deployment. Using an innovative folding design, the durable ballot box includes separate secure compartments for scanned and un-scanned ballots, and it folds to just 5" thin for easy transportation and storage.
- **Voting Booth.** The specially designed voting booth for Vanguard Flex includes only three parts to assemble and has durable nylon privacy screens. ADA-compliant versions of the Verity voting booth are designed to comply with VVSG requirements for accessibility.
- **vDrive.** vDrives are flash memory media devices that carry the election definition from Vanguard Deploy to Vanguard devices, including Vault, Flex, Adapt, and Boost. vDrives also store Cast Vote Records (CVRs) and audit information. After polls are closed, vDrives can be removed from devices to transfer CVRs and/or audit logs to Vanguard Results. vDrives are used to store CVRs associated with scanned ballots in Vanguard Capture. vDrives from Vault and Capture are read into Results, which tabulates votes and reports results.
- **Verity Key** is a two-factor authentication device used to secure access to critical functions throughout the election. Users must have the physical device key and know the passcode associated with the physical security device. This electronic device is required for access to secure functions in the Deploy, Capture, and Results applications.
- **Security Token** is used for two factor authorization functions on Verity Vanguard Workstations.

Additional Information

To give our customers flexibility and choice, we will continue to sell and support our currently certified Verity Voting System in the state of Washington as well as in all other states where this system is in use.

Hart InterCivic looks forward to the Washington Secretary of State's favorable review of this application and approval to commence the certification process for our VVSG 2.0 compliant Verity Vanguard 1.0 voting system.

For questions or additional information, please contact me at 737.280.4723 (tgosch@hartic.com).

Respectfully submitted,

Tyson Gosch
Senior Certification Project Manager, Hart InterCivic