

**Verity Voting
Jurisdictional References**

Currently Certified:

State	Contact Information	Certified Version(s)	Year Certified	Pieces of Equipment	Number of Elections
Arkansas	Justin Clay 501.682.1013 Clay.sbec@sos.arkansas.gov	1.0	2015	0	0
Kentucky	Maryellen Allen 502.573.7100 Maryellen.allen@ky.gov	2.0	2017	0	0
Michigan	David Tarrant 517.373.2543 Tarrantd2@michigan.gov	2.2.1	2017	2530	0
Minnesota	Brad Anderson 651.556.0642 Bradley.k.anderson@state.mn.us	1.2	2015	418	2
Ohio	Brandi Laser Seskes 614.466.2585 bseskes@ohiosecretaryofstate.gov	2.0	2017	0	0
Oregon	Stephen Trout 503.986.2339 Steve.trout@state.or.us	1.0, 2.0	2015, 2017	0 (vote by mail – software only)	3
Tennessee	Mark Goins 615.741.7956 Mark.goins@tn.gov	1.0	2015	0	0
Texas	Christina Worrell Adkins 1.800.252.8683 cadkins@sos.texas.gov	1.0, 2.0	2016	2069	8
Utah	Derek Brenchley 801.538.1041 dbrenchley@utah.gov	2.0	2017	0	0
Virginia	Eugene Burton 804.864.8912 Eugene.burton@elections.virginia.gov	1.1, 2.0	2015, 2017	509	46
Washington	Stuart Holmes 360.725.5794 Stuart.holmes@sos.wa.gov	1.0, 2.0	2015, 2016	12	22

Pending Certification:

Kansas (1.0)

Tennessee (2.0)

Rejection or Decertification:

N/A

STATE BOARD OF ELECTION COMMISSIONERS

Secretary of State
Mark Martin
Chairman

Rhonda Cole
C. S. Walker
Charles Roberts
Chad W. Pekron
J. Harmon Smith
Stuart Soffer
Commissioners

501 Woodlane, Suite 401N
Little Rock, Arkansas 72201
(501) 682-1834 or (800) 411-6996



Justin Clay
Director

Gaye Swaim
Deputy Director

Tim Humphries
Legal Counsel

Jon Davidson
Educational Services Manager

May 6, 2015

Sent via electronic mail

Mr. Eddie Perez
Director of Product Management
Hart InterCivic
15500 Wells Port Drive
Austin, TX 78728

RE: Hart InterCivic Voting Equipment Approval

Dear Mr. Perez,

I write to inform you that the following equipment was approved by the State Board of Election Commissioners at its meeting held on May 6, 2015.

Ballot Scanners Approved

Verity Scan (precinct)

Voting Machines Approved

Verity Touch Writer in combination with Verity Scan

Attached you will find a copy of the State Board of Election Commissioners' report to the Secretary of State.

Please feel free to contact me if I can provide any additional information.

Sincerely

A handwritten signature in blue ink, appearing to read "Justin Clay".

Justin Clay
Director

Attachments



Certification of Voting Systems

Pursuant to Section 34-2409 (4), Idaho Code, the Secretary of State has certified the following voting system for use in Idaho.

Hart InterCivic, Inc Verity 1.0 Voting System 1.0

Software

Verity Build - Election definition software application
Verity Central - Central scanning software application
Verity Count - Tabulation and reporting software application
Verity User Management - User management software application
Verity Election Management - Data management software application

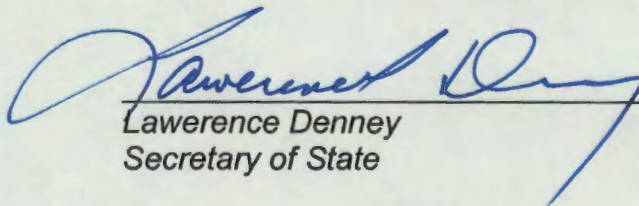
Hardware

Verity Scan - Digital scanning voting device
Verity Touch Writer with Access – Ballot marking device, with audio tactile interface
Verity Key
Verity vDrive

COTS

Okidata B431d Ballot/Report Printer - Build, Central, Touch Writer, & Count
Okidata C911 Ballot Printer - Build
Okidata C831 Ballot Printer - Build
Kodak i5600 Scanner - Central
Canon DR-G1100 Scanner - Central
Canon DR-G1130 Scanner - Central

Certified on this September 30, 2015


Lawrence Denney
Secretary of State



Certification of Voting Systems

Pursuant to Section 34-2409 (4), Idaho Code, the Secretary of State has administratively certified the following voting system for use in Idaho.

Hart Intercivic

Verity Voting 2.0

Verity Data	2.0.2	Data management software application
Verity Build	2.0.2	Election definition software application
Verity Central	2.0.2	Central scanning software application
Verity Count	2.0.2	Tabulation and reporting software application
Verity User Management	2.0.2	User management software application
Verity Election Management	2.0.2	Election management software application
Verity Print	2.0.3	Ballot production device, for on-demand printing
Verity Scan	2.0.3	Digital scanning voting device
Verity Touch Writer/Access	2.0.3	Ballot marking device, with audio tactile interface

Certified on this July 29, 2016

A handwritten signature in cursive script, reading "Lawrence Denney", written over a horizontal line.

Lawrence Denney

Secretary of State



COMMONWEALTH OF KENTUCKY
STATE BOARD OF ELECTIONS
ALISON LUNDERGAN GRIMES
Secretary of State & Chief Election Official

February 14, 2017

Ms. Pam Cardenas
Certification Manager
Hart InterCivic
15500 Wells Port Drive
Austin, TX 78728

Re: Examination of Hart InterCivic Verity 2.0

Dear Ms. Cardenas:

The State Board of Elections and the Examiners of voting equipment examined Hart InterCivic Verity 2.0 voting system pursuant to KRS 117.379 and KRS 117.381.

The State Board of Elections approved Hart InterCivic Verity 2.0 for sale in the Commonwealth of Kentucky at its January 17, 2017 board meeting.

If you have any questions or need additional information, please contact me.

Sincerely,

A handwritten signature in blue ink that reads "Maryellen Allen".

Maryellen Allen
Executive Director
State Board of Elections

State of Minnesota

SECRETARY OF STATE

Certification of Hart InterCivic Verity Voting System 1.0 as integrated with Verity Voting 1.2.3 Minnesota Reporting Additions

I, Steve Simon, Secretary of State of Minnesota hereby certify that:

Hart InterCivic, Inc. (Hart) has requested that the Office of the Minnesota Secretary of State examine and certify the Hart InterCivic Verity Voting System 1.0 as integrated with Verity Voting 1.2.3 Minnesota Reporting Additions (Verity 1.0) for use in Minnesota Elections as certified to the 2005 Voluntary Voting System Guidelines, version 1.0 (2005 VVSG). This system includes the following components:

Software:

- Verity Build – Version 1.0.3
- Verity Central – Version 1.0.3
- Verity Scan – Version 1.2.3
- Verity Touch Writer – 1.0.3
- Verity Count – Version 1.2.3
- Verity Device Microcontroller – Firmware Version V17

Hardware:

- Verity Scan Polling Place Scanner – Model Revision B
- Verity Touch Writer – Model Revision B
- Verity Build Production Printer – OKI C831dn
- Verity Build & Scan Report Printer – OKI B431d
- Verity Scan Central Scanner – Canon DR G1130
- Verity Touch Ballot Printer – OKI B431d
- Verity Count Report Printer – OKI B431d

Commercial-Off-The-Shelf (COTS) Software:

Microsoft Operating System Version 6.1.7601

Review of the application submitted for Verity 1.0 indicates satisfaction of the requirements of Minnesota Rule 8220.0350.

This certification relies on the independent test lab certification results of SLI Global Solutions (SLI) regarding Hart InterCivic and Verity Voting 1.0, dated February 20, 2015, and Verity Voting 1.2.3 Minnesota Reporting Additions, dated May 1, 2015. In reliance upon these independent test lab results and the results of the Office of the Minnesota Secretary of State's certification testing as reported in the "Certification Report and Recommendation – Hart InterCivic Verity Voting System 1.0 as Integrated with Verity Voting 1.2.3 Minnesota Reporting Additions (Certification Report) the Verity 1.0 Voting

System as measured to the 2005 VVSG complies with the requirements of Minnesota Statutes sections 206.55 to 206.90 and is hereby certified for use in Minnesota elections subject to the following limitations and conditions:

- Hart InterCivic (Vendor) must explain to customers how to prepare ballots in a manner that conform to the example ballot provided annually by the OSS in accordance with the requirements listed in the Certification Report, which are incorporated herein;
- The Vendor must inform customers that they will need to purchase extra vDrives because the vDrive used for the Public Accuracy Test (PAT) will need to be removed and sealed with other PAT materials and then replaced following the PAT with another vDrive for that election;
- The Vendor must explain to customers that election judge training must include the components listed in the Certification Report, which are incorporated herein;
- The Touch Writer must display the following description: "Your selection on the screen will be indicated by a checkmark. However, when your optical scan ballot is printed, a filled rectangular target is printed". Other than that language, Vendor must use the language in their proposed alternate language, which was submitted under Minnesota Rule 8220.2865. A copy of that language is attached to the Certification Report as Appendix 1 and is incorporated herein. In addition Vendor must ensure that the audio language of the assistive voting equipment matches the language on the screen of the assistive voting equipment.
- Vendor must clarify to customers that the results report generated by Verity Scan is not a complete summary statement as it does not include: (1) certificate of election judges as required by Minnesota law; (2) number of overvotes for multi-seat contests on the ballot. Election Judges must complete and submit these additional materials together with the tabulator results report for a complete precinct summary statement;
- Vendor must discuss with customers the capability of write-in review in Verity Central and Verity Count. Write-in review must be deferred to Verity Count. Examination of write-in votes cast must not begin until after the polls close at 8:00 PM. When completing the summary statement for each precinct, a single total of write-in votes cast for each contest must be reported on the summary statement.

This certification is subject to Minnesota Statutes and Rules. By operating under this certification, Hart 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 16th day of June 2015.

A handwritten signature in blue ink, reading "Steve Simon", written over a horizontal line.

Steve Simon
Secretary of State

JON HUSTED

Ohio Secretary of State



180 East Broad Street, 16th Floor
Columbus, OH 43215
(877) 767-6446 | (614) 466-2645
info@OhioSecretaryofState.gov
www.OhioSecretaryofState.gov

March 1, 2017

Pam Cardenas
Certification Manager, Hart InterCivic
15500 Wells Port Drive
Austin, TX 78728

Re: Verify Voting 2.0

Dear Ms. Cardenas:

This letter is to confirm that the Ohio Board of Voting Machine Examiners (BVME) met on February 23, 2017 to review the Verity Voting 2.0 voting system, submitted by your company, Hart InterCivic. The Direct Recording Electronic (DRE) component of the system was not submitted for certification.

The Board examined the Verity Voting 2.0 voting system and concluded that it satisfies the requirements prescribed by the Ohio Revised Code and the Ohio Administrative Code and may be used in Ohio elections.

If you have any questions regarding this letter, please feel free to contact me at bseskes@OhioSecretaryofState.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Brandi Laser Seskes".

Brandi Laser Seskes
Deputy Elections Administrator & Elections Counsel

CERTIFICATE OF APPROVAL

Hart InterCivic, Inc.

Verity Voting System (Version 1.0)

For use with:

Canon Scanners (COTS) (Models: G1100 and G1130)

And

COTS Workstations (laptops/PC's)

Pursuant to ORS 246.550, representatives of Hart InterCivic, Inc., of 15500 Wells Port Drive, Austin, TX 78728, requested that the Oregon Secretary of State publicly examine their company's Verity Voting system, (Version 1.0) which utilizes commercial off the shelf (COTS) Canon scanners, for certification of same for sale, lease or use by county elections officials in the State of Oregon.

The Verity system was examined by Elections Division staff and Pro V&V of Huntsville, Alabama, on April 21-22, 2015, in Oregon City, Oregon. The system was successfully demonstrated utilizing the scanner models identified above. Attached to this original certificate is the official Test Report on the system.

FINDINGS: Based upon the demonstration and examination of the system by the State Elections Division and Pro V&V, I conclude that the Hart InterCivic Verity Voting system (Version 1.0) utilizing commercial off the shelf Canon scanners complies with the legal requirements set forth in ORS 246.560.

THEREFORE, I issue this Certificate of Approval for the sale, lease or use of the Verity Voting system (Version 1.0) for deployment and official use in any elections held in the State of Oregon. This approval is limited by and with the stipulation that the equipment and system must be used in compliance with the provisions of applicable Oregon statutes and all Secretary of State, Elections Division's rules and directives concerning the testing and use of vote tally equipment.

This Certificate of Approval does not constitute a recommendation of the above described voting tally system over other voting or counting machines heretofore or hereafter approved for sale, lease or use in this state, but rather does set forth the fact that the Verity Voting system does comply with ORS 246.560 and is approved for use in the State of Oregon.



Dated: June 2, 2015

Jim Williams

Jim Williams, Director
Secretary of State, Elections Division

OFFICE OF THE SECRETARY OF STATE

DENNIS RICHARDSON
SECRETARY OF STATE

LESLIE CUMMINGS, PhD
DEPUTY SECRETARY OF STATE



ELECTIONS DIVISION

STEPHEN N. TROUT
DIRECTOR

255 CAPITOL STREET NE, SUITE 501
SALEM, OREGON 97310-0722
(503) 986-1518

CERTIFICATE OF APPROVAL

Hart InterCivic Verity 2.0

Description Software & COTS Components

Verity Data 2.0.2, Verity Build 2.0.2, Verity Central 2.0.2, Verity Count 2.02,

Verity User Management 2.02., Verity Election Management 2.0.2

Verity Touch Writer/Print/Ballot/Report Printer B431d

Verity Build/Print Printer C831dn and C911dn

Verity Central Scanner DR-G1100, DR-G1130

Verity Application, Workstation Computer Z230

Hart InterCivic is requesting approval of HART Verity Voting 2.0 as a vote tally operating system for use in Oregon elections. Their application states that Verity Voting 2.0 is certified by the US Election Assistance Commission as conformant with the federal *Voluntary Voting System Guidelines* (VVS), Version 1.0 (2005).

The Secretary of State partnered with Benton, Washington, Linn and Multnomah counties and Pro V&V to review the submitted request. It was requested that an additional list of system limitations be provided. The list is provided in this document as an attachment. We have determined that the system complies with the statutory requirements of Oregon Revised Statutes 246.550 and 246.560, specifically ORS 246.550(4) and Oregon Administrative Rule 165-007-0350.

Accordingly, the Hart InterCivic Verity 2.0 voting system is certified for sale, lease or use in all elections in Oregon. The system must be used in compliance with the provisions of applicable Oregon statutes and all Secretary of State, Election Division rules and directives.

Dated this 7th day of February 2017.

Stephen N. Trout
Director of Elections

System Limitations

This table depicts the limits the Hart Verity 2.0 system has been tested and certified to meet by the US Election Assistance Commission.

Element	Limit Requirement
Precincts	2,000
Splits per Precinct	20
Total Precincts + Splits in an election	2,000
Districts For voting devices and applications	75
Parties in a General Election	24
Parties In a Primary Election	10
Contests and Propositions combined	200
Contest Choices in a Contest	75
Total Contest Choices (voting positions) in an election	600
Maximum length of contestant name	100 characters
Maximum write-in length	25 characters
Ballot Styles	N/A
Voting Types	5
Maximum Polling Places per election	1200
Maximum devices per election	2400
Maximum number of central count scanners in a single network	4
Media Device – Scan voting device	9999 sheets per vDrive
Media Device – Central application	80000 sheets per vDrive
Number of voters definable per election	1000000
Max. sheets per ballot	4 sheets
Scan - single sheet ballot	9999 Ballots
Scan - two sheet ballot	4999 Ballots
Scan - three sheet ballot	3333 Ballots
Scan – four sheet ballot	2499 Ballots
Central	1000000 Ballots
Count	4000000 CVRs, 1200 vDrives
Ballot Sizes	8.5" x 11", 8.5" x 14", 8.5" x 17", 8.5" x 19", 11" x 17"

Tre Hargett, Secretary of State
State of Tennessee



Division of Elections
312 Rosa L. Parks Avenue, 7th Floor
Nashville, Tennessee 37243-0305

Mark Goins
Coordinator of Elections

615-741-7956
Mark.Goins@tn.gov

December 8, 2015

Pam Cardenas
Certification Manager, Hart Intercivic
15500 Wells Port Drive
Austin, TX 78728

Dear Ms. Cardenas:

This letter is to inform you of certification of the Hart Verity 1.0 voting machine, bearing the EAC Certification Number: HRT-Verity-1.0, by the State Election Commission (SEC) on December 1, 2015. Your voting machine was made available before the SEC on October 12, 2015, for demonstration and was reviewed in an election in Prince William County, VA on November 3, 2015. As you know during the SEC meeting Commissioner Barrett stated that, for any Tennessee county using this machine, the SEC specifically, requires the use of serially-numbered ballots.

Thank you for your cooperation in the certification process.

Sincerely,

Mark Goins
Coordinator of Elections

Cc: Chad Colgan, Harp - Territory Manager

Attachment: EAC Certification Number HRT-Verity-1.0



United States Election Assistance Commission



Certificate of Conformance

Hart Verity 1.0

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

Model or Version: 1.0

Name of VSTL: SLI Global Solutions

EAC Certification Number: HRT-Verity-1.0

Date Issued: 05/12/2015

Chief Operating Officer & Acting Executive Director
U.S. Election Assistance Commission

Scope of Certification Attached

The State of Texas



Elections Division
P.O. Box 12060
Austin, Texas 78711-2060
www.sos.state.tx.us

Phone: 512-463-5650
Fax: 512-475-2811
Dial 7-1-1 For Relay Services
(800) 252-VOICE (8683)

Carlos H. Cascos
Secretary of State

REPORT OF REVIEW OF HART INTERCIVIC'S VERITY 1.0 VOTING SYSTEM

PRELIMINARY STATEMENT

On September 23 and 24, 2015, Hart InterCivic (the "Vendor") presented the Verity Voting 1.0 voting system for certification ("Verity 1.0").¹ The examination was conducted in Austin, Texas. Pursuant to Sections 122.035(a) and (b) of the Texas Election Code, the Secretary of State appointed the following examiners:

1. Mr. Stephen Berger, an expert in electronic data communication systems;
2. Mr. Tom Watson, an expert in electronic data communication systems;
3. Mr. Brandon Hurley, an expert in election law and procedure; and
4. Ms. Christina Worrell Adkins, an expert in election law and procedure.

Pursuant to Section 122.035(a), the Texas Attorney General appointed the following examiners:

1. Dr. Jim Sneeringer, an expert in electronic data communication systems
2. Ms. Amanda Crawford, an employee of the Texas Attorney General.

On September 23, 2015 Mr. Berger, Mr. Watson, Dr. Sneeringer, and Ms. Adkins witnessed the installation of the Verity 1.0 software and firmware that Office of the Texas Secretary of State (the "Office") received directly from the Independent Testing Authority. Ms. Adkins examined the accessibility components of the Verity Touch Writer with Access. Also, Mr. Andre Montgomery, a staff attorney with the Office of the Texas Secretary of State, reviewed the accessibility components of the Verity Touch Writer with Access.

On September 24, 2015, the Vendor demonstrated the system, answered questions presented by the examiners, and test ballots were then processed on each voting device. Each examiner attended. The results were accumulated and later verified for accuracy by the Secretary of State staff.

Other members of the Office of the Texas Secretary of State's Elections Division staff and another attorney from the Office of the Attorney General were present at various points during the two day examination. Examiner reports on the system are attached hereto and incorporated herein by reference.

On January 26, 2016, a public hearing was conducted in which interested persons were given an opportunity to express views for or against certification of the system.

¹ Various examiners refer to Verity 1.0 by slightly different names; for example, as "Hart InterCivic (Hart) Verity Voting System 1.0", "Hart Verity", "Hart InterCivic Verity 1.0 System", and "Verity Voting 1.0". Each title the examiners use to refer to Verity 1.0 refers to the same system.

BRIEF DESCRIPTION OF VERITY 1.0

Verity 1.0 is a combination of hardware and software components that supports voting by paper ballots which are read through a digital scanner. Elections are created and ballots are generated using Verity Build. They are subsequently scanned using Verity Scan, a proprietary digital scanner, or Verity Central, a software application that uses a commercial-off-the-shelf scanner at a central location. Votes are then tabulated using the Verity Count software. Additionally, the Verity Touch Writer with Access is a ballot marking device that is paired with a commercial-off-the-shelf printer. Verity Desktop, Verity User Management, and Verity Election Management are software components for workstation management, user management, and data management.

Verity 1.0 has been evaluated at an accredited independent voting system testing laboratory for conformance to the 2005 Voluntary Voting System Guidelines (“VVSG”). Verity 1.0 received Elections Assistance Commission (EAC) number HRT-Verity-1.0 on May 12, 2015. The components of Verity 1.0 include:

Component	Version	Description
Verity Build	1.0.3	Election definition software application
Verity Central	1.0.3	Central scanning software
Verity Count	1.0.3	Central count tabulation and reporting software application
Verity User Management	1.0.3	User Management Software application
Verity Election Management	1.0.3	Data Management Software application
Verity Desktop	1.0.3	Workstation management module
Verity Scan	1.0.3	Digital scanner (precinct scanner) (firmware)
Verity Touch Writer with Access	1.0.3	Ballot Marking device with audio/tactile interface

FINDINGS

The following are the findings, based on written evidence submitted by the Vendor in support of its application for certification, oral evidence presented at the examination, a follow-up demonstration on December 22, 2015 by the Vendor indicating it had resolved an error identified during the examination, e-mail answers to follow up examiner inquiries sent by the Vendor to the Office of the Texas Secretary of State, and Texas voting system examiner reports.

Each component of Verity 1.0, among other things:

1. Preserves the secrecy of the ballot;
2. Is suitable for the purpose for which it is intended;
3. Operates safely, efficiently, and accurately, and complies with the voting system standards adopted by the Election Assistance Commission;

4. Is safe from fraudulent or unauthorized manipulation;
5. Permits voting on all offices and measures to be voted on at the election;
6. Prevents counting votes on offices and measures on which the voter is not entitled to vote;
7. Prevents counting votes by the same voter for more than one candidate for the same office or, in elections in which a voter is entitled to vote for more than one candidate for the same office, prevents counting votes for more than the number of candidates for whom the voter is entitled to vote;
8. Prevents counting a vote on the same office or measure more than once;
9. Permits write-in voting;
10. Is capable of permitting straight-party voting, and permits or prevents, as applicable, counting votes in accordance with Sections 65.007(c) and (d) of the Texas Election Code; and
11. Is capable of providing records from which the operation of the system may be audited.

CONDITIONS

During the examination of this system, some examiners identified certain aspects of Verity 1.0 they thought might be improved, though each examiner recommended certification notwithstanding these aspects. In addition, each examiner raised a concern related to a vDrive error discovered during the examination, whereby, when certain ballots were scanned on Verity Central and the corresponding vDrive was then read into Verity Count, an error message would occur that indicated that the vDrive was invalid ("vDrive Error Issue"). According to the examiner reports, the Vendor resolved the vDrive Error Issue following the examination and submitted a *de minimis* change request to the Election Assistance Commission ("EAC"), which was subsequently approved by the EAC on December 4, 2015. In addition, on December 22, 2016, the Vendor demonstrated that the vDrive Error Issue had been resolved to certain members of the Secretary of State Elections Division staff, including Examiner Ms. Adkins and Director of Elections Mr. Keith Ingram. As respects other concerns identified in the examiners' reports, which are not already addressed by existing election procedure and law, conditions of certification are as follows:

- The Vendor must perform an analysis of how its testing failed to discover the vDrive Error Issue, and what corrective actions will be taken to avoid similar mistakes in the future, and complete a report within 30 days of the signature date of this Report of Review of the Vendor's Verity 1.0 Voting System. Vendor shall also request that SLI Global Solutions perform a similar analysis. The Vendor, and SLI Global Solutions, if SLI Global Solutions responds to the Vendor's request, shall forward reports from the analysis to the attention of Keith Ingram, Director of Elections, Texas Secretary of State, via e-mail to elections@sos.texas.gov.
- The Vendor has communicated that it has no intention of utilizing Verity Scan 1.0.3 as (1) a precinct device used during early voting by personal appearance, or (2) a central accumulator, which pursuant to 1 T.A.C. §§ 81.52(h) and 81.62(a), are required to attach continuous feed audit log printers. Due to 1 T.A.C. §§ 81.52(h) and 81.62(a), end-users shall not use Verity Scan 1.0.3 as (1) a precinct device during early voting by personal appearance or (2) a central accumulator.

CONCLUSION

Accordingly, based upon the foregoing, I hereby certify Verity 1.0 for use in elections in Texas, subject to the above conditions.

Signed under my hand and seal of office, this 25th day of February, 2016.



COBY SHORTER, III
DEPUTY SECRETARY OF STATE

The State of Texas

Elections Division
P.O. Box 12060
Austin, Texas 78711-2060
www.sos.texas.gov
www.votetexas.gov



Phone: 512-463-5650
Fax: 512-475-2811
Dial 7-1-1 For Relay Services
(800) 252-VOTE (8683)

Carlos H. Cascos
Secretary of State

REPORT OF REVIEW OF HART INTERCIVIC's VERITY 2.0 VOTING SYSTEM

PRELIMINARY STATEMENT

On June 29th and 30th, 2016, Hart InterCivic, Inc. (the "Vendor") presented Verity Voting 2.0 Voting System for examination and certification ("Verity 2.0"). The examination was conducted in Austin, Texas. Pursuant to Sections 122.035(a) and (b) of the Texas Election Code, the Secretary of State appointed the following examiners:

1. Mr. Stephen Berger, an expert in electronic data communication systems;
2. Mr. Tom Watson, an expert in electronic data communication systems;
3. Mr. Brandon Hurley, an expert in election law and procedure; and
4. Ms. Christina Worrell Adkins, an expert in election law and procedure.

Pursuant to Section 122.035(a), the Texas Attorney General appointed the following examiners:

1. Dr. Jim Sneeringer, an expert in electronic data communication systems
2. Ms. Amanda Crawford, Texas Attorney General's Employee.

On June 29, 2016, Mr. Berger, Mr. Watson, Dr. Sneeringer, and Ms. Adkins witnessed the installation of the Verity 2.0 software and firmware that the Office of the Texas Secretary of State (the "Office") received directly from the Independent Testing Authority. Ms. Adkins examined the accessibility components of the Verity Touch Writer and Verity Touch with Access. Also, Mr. Tim Juro, a staff attorney with the Office, reviewed the accessibility components of the Verity Touch Writer and Verity Touch with Access.

On June 30, 2016, the Vendor demonstrated the system, answered questions presented by the examiners, and test ballots were then processed on each voting device. Each examiner attended. The results were accumulated and later verified for accuracy by the Secretary of State staff.

Other members of the Office of the Texas Secretary of State's Elections Division staff and other staff from the Office of the Attorney General were present at various points during the two day examination. Examiner reports on the system are attached hereto and incorporated herein by this reference.

On August 31, 2016, a public hearing was conducted in which interested persons were given an opportunity to express views for or against certification of the system.

BRIEF DESCRIPTION OF VERITY 2.0

With the exception of Verity Data, Verity Controller, Verity Touch and Verity Touch with Access, the products listed below are upgrades to previous qualified versions of either hardware and/or software that have been certified for use in the State of Texas.

The Verity 2.0 Voting System has been evaluated at an accredited independent voting system testing laboratory for conformance to the 2005 Voluntary Voting System Guidelines (VVSG). It has received Elections Assistance Commission (EAC) # HRTVerity2.0 on April 27, 2016. The components of Verity 2.0 include:

Component	Version	Description
Verity Build	2.0.2	Election definition software application
Verity Central	2.0.2	Central scanning software
Verity Count	2.0.2	Central count tabulation and reporting software application
Verity User Management	2.0.2	User Management Software application
Verity Election Management	2.0.2	Data Management Software application
Verity Desktop	2.0.2	Workstation management software
Verity Scan	2.0.3	Digital scanner (precinct scanner) (firmware)
Verity Touch Writer with Access	2.0.3	Ballot Marking device with audio/tactile interface
Verity Data	2.0.2	Election definition software application
Verity Controller	2.0.3	Controller unit for Verity Touch/Verity Touch with Access
Verity Touch	2.0.3	Direct recording electronic voting machine (DRE)
Verity Touch with Access	2.0.3	Controller for Verity Touch DAU unit

FINDINGS

The following are the findings, based on written evidence submitted by the Vendor in support of its application for certification, oral evidence presented at the examination, Texas voting system examiner reports, comments received at the public hearing held on August 31, 2016, and written public comments received.

The majority of the public comments received regarded the Verity Touch direct recording electronic (DRE) voting machine not producing a Voter Verified Paper Audit Trail (VVPAT). There is no federal or state law requiring VVPAT, and therefore, is not a requirement for certification. There were a number of other comments expressing concern that the Verity Touch DRE did not meet the requirements of the Texas Constitution in regards to the numbering of ballots. The Verity Touch DRE numbers ballots through the public counter, which is the method of numbering ballots prescribed by state law, and meets the requirements of the Texas Constitution. There were a number of comments regarding the requirements of the Texas Election Code in regards to the storage of ballot images and use of ballot images in a recount. The Verity Touch meets the requirements of storing

and producing ballot images, which are the electronically produced records of all votes cast by a single voter. In addition, there were a number of public comments received requesting an additional time to review the examiner reports and other materials. The Secretary of State provided more than the ten days after the date of the public hearing for written public comments required under 1 T.A.C. § 81.60, permitting comments outside the ten day public comment period, until November 30, 2016, to allow any interested persons to submit comments.

Each component of Verity 2.0, among other things:

1. Preserves the secrecy of the ballot;
2. Is suitable for the purpose for which it is intended;
3. Operates safely, efficiently, and accurately and complies with the voting system standards adopted by the Election Assistance Commission;
4. Is safe from fraudulent or unauthorized manipulation;
5. Permits voting on all offices and measures to be voted on at the election;
6. Prevents counting votes on offices and measures on which the voter is not entitled to vote;
7. Prevents counting votes by the same voter for more than one candidate for the same office or, in elections in which a voter is entitled to vote for more than one candidate for the same office, prevent counting votes for more than the number of candidates for whom the voter is entitled to vote;
8. Prevents counting a vote on the same office or measure more than once;
9. Permits write-in voting;
10. Is capable of permitting straight-party voting; and
11. Is capable of providing records from which the operation of the system may be audited.

CONDITIONS

During the examination of the system, some examiners identified certain aspects of Verity 2.0 they thought might be improved, though each examiner recommended certification notwithstanding these aspects. There is only one condition on certification:

1. Precinct devices used during early voting by personal appearance, and central accumulators, pursuant to 1 T.A.C. §§ 81.52(h) and 81.62(a), are required to attach continuous feed audit log printers. Due to 1 T.A.C. §§ 81.52(h) and 81.62(a), end-users shall not use Verity Scan 2.0.3 as (1) a precinct device during early voting by personal appearance or (2) a central accumulator.

CONCLUSION

Accordingly, based upon the foregoing, I hereby certify Verity 2.0 for use in elections in Texas, subject to the above condition.

Signed under my hand and seal of office, this 15th day of December 2016.



COBY SHORTER, III
DEPUTY SECRETARY OF STATE

STATE OF UTAH
OFFICE OF THE LIEUTENANT GOVERNOR



SPENCER J. COX
LIEUTENANT GOVERNOR

April 26, 2017

Pam Cardenas
Hart InterCivic
15500 Wells Port Drive
Austin, TX 78728

Dear Ms. Cardenas:

This letter is to inform you that we have reviewed your equipment certification request and has met the criteria for qualification in the State of Utah under Utah Code § 20A-5-402.5. The EAC certified Hart InterCivic Verity Voting 2.0 on April 27, 2016. This equipment will be added to Utah's listing of certified voting equipment.

If you should have any questions regarding the certification of this equipment, please feel free to contact Derek Brenchley at (801) 538-1041.

Sincerely,

A handwritten signature in black ink, appearing to read "Spencer J. Cox".

Spencer J. Cox
Utah Lieutenant Governor



COMMONWEALTH of VIRGINIA
DEPARTMENT OF ELECTIONS

Edgardo Cortés
Commissioner

April 17, 2015

Pam Cardenas, PMP, CERV
Hart InterCivic
Product Manager

Ms. Cardenas:

I am pleased to announce that the Virginia State Board of Elections granted Virginia state certification approval for use of the Hart InterCivic Verity 1.1 voting system in the Commonwealth of Virginia at its April 17, 2015 board meeting. You may begin sales in the state of Virginia.

Thank you for your support of elections in the Commonwealth of Virginia. Please contact me if I can be of further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Gary W. Fox".

Gary W. Fox, VREO
Supervisor, Election Administration
(804) 864-8919



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ELECTIONS

Edgardo Cortés
Commissioner

May 2, 2017

Pam Cardenas, PMP, CERV
Hart InterCivic
Product Manager

Ms. Cardenas:

I am pleased to announce that the Virginia State Board of Elections granted Virginia State certification approval for use of the Hart InterCivic Verity 2.0 voting system modification in the Commonwealth of Virginia at its May 1, 2017 board meeting. You may begin sales in the Commonwealth of Virginia.

Thank you for your support of elections in the Commonwealth of Virginia. Please contact me if I can be of further assistance.

Sincerely,

Eugene Burton
Voting Technology Coordinator



Secretary of State

Kim Wyman

ELECTIONS DIVISION
PO Box 40229
Olympia, WA 98504-0229
(800) 448-4881
www.vote.wa.gov

CERTIFICATION OF HART Intercivic Verity 1.0

On April 27, 2015 HART Intercivic requested certification of Verity 1.0 and associated software and firmware, for use in Washington State.

Upon examination of the system, the Secretary of State finds Verity 1.0 satisfies the requirements of Washington State law, has been certified by an independent testing authority and has received Election Assistance Commission certification. This version of the system consists of:

Software comprised of:

- Verity Build 1.0.3
- Verity Central 1.0.3
- Verity Count 1.0.3
- Verity Scan 1.0.3
- Verity Touch Writer 1.0.3

Hardware comprised of:

- Okidata C911 Ballot Printer
- Okidata C831 Ballot Printer
- Kodak i5600 Scanner
- Canon DR-G1100 Scanner
- Cannon DR-G1130 Scanner
- Verity Touch Writer
- Verity Key
- Verity vDrive

On this date, under the provisions of RCW 29A.12.020 and 030, the Office of the Secretary of State hereby approves "HART Intercivic Verity 1.0" voting system for use in the State of Washington when used in compliance with the procedures contained in this certification, accompanying Reports and Findings, and Washington State law.

Certified on this June 29, 2015

Kim Wyman

Kim Wyman
Secretary of State





CERTIFICATION OF HART INTERCIVIC VERITY 2.0

On May 9, 2016 HART Intercivic requested certification of Verity 2.0 and associated software and firmware, for use in Washington State.

Upon examination of the system, the Secretary of State finds Verity 2.0 satisfies the requirements of Washington State law, has been certified by an independent testing authority and has received Election Assistance Commission certification. This version of the system consists of:

Software comprised of:

- Verity Build 2.0.2
- Verity Central 2.0.2
- Verity Count 2.0.2
- Verity Data 2.0.2
- Verity Print 2.0.3
- Verity Scan 2.0.3
- Verity Touch Writer 2.0.3 (also with Access)

Hardware comprised of:

- Okidata C911 Ballot Printer
- Okidata C831 Ballot Printer
- Kodak i5600 Scanner
- Canon DR-G1100 Scanner
- Cannon DR-G1130 Scanner
- Verity Touch Writer
- Verity Key
- Verity vDrive

On this date, under the provisions of RCW 29A.12.020 and 030, the Office of the Secretary of State hereby approves "*HART Intercivic Verity 2.0*" voting system for use in the State of Washington when used in compliance with the procedures contained in this certification, accompanying Reports and Findings, and Washington State law. According to WAC 434-335-190 County Auditors may request in writing for permission to install this modification during the restricted period.

Certified on this June 30, 2016



Kim Wyman
Secretary of State