

# MONTANA SECRETARY OF STATE

## Elections and Voter Services Division

### Application for Voting System or Component Certification

APPLICANT INFORMATION	
Name of Vendor <div style="text-align: center;">Election Systems &amp; Software</div>	Contact Person, Title <div style="text-align: center;">Susan Parmer, State Certification Manager</div>
Address <div style="text-align: center;">11128 John Galt Blvd., Suite 200</div>	E-mail Address <div style="text-align: center;"><a href="mailto:Susan.parmar@essvote.com">Susan.parmar@essvote.com</a></div>
City, State, Postal Code <div style="text-align: center;">Omaha, NE 68137</div>	Telephone Number <div style="text-align: center;">(712) 310-2586</div>
	Fax Number <div style="text-align: center;">(402) 970-1275</div>

SYSTEM/COMPONENT INFORMATION
<p>Statement that applicant is applying for examination pursuant to Administrative Rules of Montana:</p> <p>Pursuant to the administrative Rules of Montana, Election Systems &amp; Software is applying for the certification of EVS 6.2.0.0 voting system. This release includes the already State certified DS200, DS450, DS850, and ExpressVote, and adds the DS950 High-Speed Central Count Scanner and Tabulator.</p>

<p>Name and release level of system or component:</p>		
<p><b>Montana</b></p> <p>State Certification of EVS 6.2.0.0</p> <p>EAC Certified December 23, 2021</p> <p>Compliance: 2005 VVSG 1.0 Standard</p>		
Election Management System (EMS)	ElectionWare	6.2.0.0
	Toolbox	4.2.0.0
	Removable Media Service	3.0.0.0
	Event Log Service	3.0.0.0
	Expressvote Previewer	4.2.0.0
ES&S Tabulators	DS200 Precinct Tabulator (HW 1.2 & 1.3)	2.40.0.0
	DS450 Central Tabulator (HW 1.0)	4.1.0.0
	DS850 Central Tabulator (HW 1.0)	4.1.0.0
	DS950 Central Tabulator (HW 1.0)	4.1.0.0
Voter Assist Terminal (VAT)	ExpressVote (HW 2.1)(Marker Only)	4.2.0.0

of description of system or component:

	EVS 6.2.0.0	Module Description
<b>Election Software</b> Ballot Definition Ballot Design Election Media Election Results	ElectionWare	Electionware is the election management software that provides end-to-end election management activities through a powerful and intuitive user interface. Its efficient and flexible design enables jurisdictions of all sizes to effectively manage their elections. Electionware delivers everything needed to run an election, from creating the ballots to reporting the voting results.
	ExpressVote Previewer	A function in ElectionWare to test the ExpressVote is set up correctly and the data was generated correctly.
	Removable Media Service	Service supporting election media programming
<b>Post-Election Software</b> Election Results Reporting Election Auditing	Event Log Service	Electionware and Election Reporting Manager use Event Log Service to control user access and store detailed logs of the actions performed in both programs.
<b>Tabulators</b>	DS200	Precinct-based vote tabulator that scans both sides of the ballot simultaneously and saves ballot images to a USB memory device for later ballot viewing.
	DS950	Central count scanner and tabulator with ballot sorting capabilities. It can scan a variety of ballot sizes, including vote summary cards, and it can read both sides of the ballots in any of four orientations, even folded ballots. The DS950's PTRAC and IMR technologies can accurately discriminate between valid marks (ballot pen marks within the ballot target locations) and extraneous marks, perforations, smudges, and folds. The DS950 scans, tabulates, and automatically sorts ballots, separating them into one of three discrete output bins without interrupting scanning.
	DS850	Central count high-speed scanner and tabulator that uses advanced cameras and imaging algorithms to simultaneously capture voter selections on the front and back of a ballot, evaluates the results, and sorts the ballots into bins.
	DS450	Central count scanner and tabulator with ballot sorting capabilities. The DS450 can accurately discriminate between valid marks and extraneous perforations, smudges, and folds. Both sides of the ballot are scanned simultaneously, producing ballot images that are decoded by a proprietary recognition engine.
<b>Voter Assistance Terminal</b>	ExpressVote	The ExpressVote universal voting system is a vote capture device designed for all voters, with independent voter-verifiable paper record that is digitally scanned for tabulation on a compatible ES&S tabulator. This system combines paper-based voting with touch screen technology. The ExpressVote can serve all voters, including those with special needs, allowing voters to cast vote summary cards autonomously. Voters navigate ballot selections using the touch screen, detachable ADA keypad or ADA support peripheral such as a sip-and-puff or other binary tactile device. ExpressVote guides voters through the ballot selection process with screen prompts, symbols and ballot audio. Screen controls meet all applicable guidelines for size and readability.



Name and version of major hardware, firmware, software and components:

Please see above for high level overview of the EVS 6.2.0.0 voting system. Below is a continuance of the above table with additional details on ES&S' hardware versions.

	Firmware Version	Hardware Level
DS200	2.40.0.0	1.2, 1.3
DS950	4.1.0.0	1.0
DS850	4.1.0.0	1.0
DS450	4.1.0.0	1.0
ExpressVote	4.2.0.0	2.1
ElectionWare	6.2.0.0	
ToolBox	4.2.0.0	
ExpressVote Previewer	4.2.0.0	
Removable Media Service	3.0.0.0	
Event Log Service	3.0.0.0	

Type of application (select one):

- ☒ Certification of a new system or component  
☐ Certification of modification to certified system or component  
☐ Renewal of a previously certified system or component

Affected components for type of application:

☒ Hardware    ☒ Firmware    ☒ Software

Date and time of requested examination:  
January 25, 2022

Place of examination:  
Helena, Montana

Statement that the applicant will pay reasonable costs of examination ([MCA 13-17-102\(2\)](#)):

**Election Systems & Software will pay reasonable costs of examination of EVS 6.2.0.0**

References for each state where this exact system or component is currently certified for use:

**Because EVS 6.2.0.0 just received final EAC approval on December 23, 2021, this release has not been officially certified in any states yet; however, Applications have been submitted and state approval is pending in the following states:**

State	Date Approved	Length of Use	Contact Person	Contact Information
Ohio	Pending	N/A	Matthew Damschroder	mdamschroder@ohiosecretaryofstate.gov
Oregon	Pending	N/A	Deborah Scroggin	Deborah.Scroggin@sos.oregon.gov
Utah	Pending	N/A	Clint Yingling	cyingling@utah.gov
Washington	Pending	N/A	Stuart Holmes	Stuart.holmes@sos.wa.gov

If state approval/certification has ever been revoked on exact system or component (*does not necessarily disqualify application*):  
Please attach documentation regarding steps taken to resolve issues, if any.


State	Date Approved	Length of Use	Contact Person	Contact Information
N/A	N/A	N/A	N/A	N/A

Does the applicant own all rights to this equipment?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO (please explain):
Is any part of the system manufactured or assembled by another company? If yes, list part and manufacturer contact information:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Type of business or organization:	<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Partnership <input type="checkbox"/> Individual
If a Corporation, state of incorporation:		
Authorized to do business in Montana	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Maintain an office in Montana	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Independently owned	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
If not independently owned, name and address of parent company:		

**This application must include the following, when applicable:** *Please check the box if material is included with the application or indicate N/A if not applicable. If not included with this application, material must be supplied before testing is scheduled.*

- ☒ 1. Completed Application
- ☒ 2. Documentation indicating federal qualification and date
- ☒ 3. Documentation from all independent test authorities which examined this system
- ☒ 4. Documentation from listed jurisdictions having granted/revoked certification of system or component
- ☒ 5. Documentation indicating executable image, source code, etc. are escrowed with approved ITA
  - ☒ Document granting Montana Secretary of State unrestricted access to escrow materials
- ☒ 6. Description of how the system or component is based on commonly accepted industry standards
- ☒ 7. Engineering drawings, schematics or flowcharts identifying software and data file relationships
- ☒ 7. Photographs of the system and functional description of software and components
- ☒ 8. Equipment durability statement and reliability estimate (must meet requirements of [ARM 44.3.1703](#))
- ☒ 9. Environmental requirements for storage, transportation and operation
- ☒ 10. Security measures recommended for securing the voting system before, during, and after an election, including recounts
- ☒ 11. Examples of how the system or component may be protected from tampering for a fraudulent purpose
- ☒ 12. Copies of contracts and maintenance agreements used in connection with the system or component
- ☒ 13. Type of maintenance agreements and levels offered by vendor and maintenance providers
  - ☒ List of current maintenance rates and schedule of anticipated rate increases
- ☒ 14. Applicable user, operator, maintenance, and training manuals
- ☒ 15. Troubleshooting guides and description of the most encountered poll worker issues and resolutions
- ☒ 16. List and description of training courses provided and available (including both on-and off-site training)
- ☒ 17. Copies of materials useful for instruction or information useful to electors at the polls
- ☒ 18. List of specific ballot styles and recommended ballot marking devices
- ☒ 19. Upgrade plan for existing customers – identify all customers and detail the plan for their upgrade
- ☒ 20. Procedure for notifying State about necessary and available system changes (ECO, ECN, etc.)

#### AFFIRMATION

In making application for the certification of the system or component listed; I affirm under the penalty for perjury that to the best of my knowledge and belief all the information contained in this application is true. I agree to reimburse the State of Montana for reasonable costs incurred by the Montana Election and Voter Services Division in evaluating the voting system.		
Signature  	Title <b>State Certification Manager</b>	Date <b>12/27/2021</b>

<b>Deliver Application To:</b> Montana Secretary of State's Office Elections and Voter Services Division PO Box 202801 Helena, Montana 59620-2801	<b>Direct Questions To:</b> Montana Secretary of State's Office Dana Corson, Director of Elections and Voter Services Telephone: (406) 444-3334 Email: <a href="mailto:dcorson@mt.gov">dcorson@mt.gov</a>
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Applicable Montana Statue and Rules

<p>Montana Code Annotated Title 13, Chapter 17 <a href="http://leg.mt.gov/bills/mca/index.html">http://leg.mt.gov/bills/mca/index.html</a></p>	<p>Administrative Rules of Montana Title 44, Chapter, 3, Subchapter 17 <a href="http://www.mtrules.org/">http://www.mtrules.org/</a></p>
<p>No application may be submitted to the Secretary of State later than 90 days prior to the date of the election at which the machines are proposed to be used.</p> <p>ARM 44.3.1701(7)      <a href="http://www.mtrules.org/gateway/ruleno.asp?RN=44%2E3%2E1701">http://www.mtrules.org/gateway/ruleno.asp?RN=44%2E3%2E1701</a></p> <p>Voting systems may not be used in an election unless approved by the secretary of state 60 days or more prior to the election at which they will be used.</p> <p>MCA 13-17-101(3)      <a href="http://leg.mt.gov/bills/mca/title_0130/chapter_0170/part_0010/section_0010/0130-0170-0010-0010.html">http://leg.mt.gov/bills/mca/title_0130/chapter_0170/part_0010/section_0010/0130-0170-0010-0010.html</a></p> <p>The secretary of state shall: within 30 days after examining the voting system, file a report of the examination in the secretary of state's office.</p> <p>MCA 13-17-101(2)(b)      <a href="http://leg.mt.gov/bills/mca/title_0130/chapter_0170/part_0010/section_0010/0130-0170-0010-0010.html">http://leg.mt.gov/bills/mca/title_0130/chapter_0170/part_0010/section_0010/0130-0170-0010-0010.html</a></p>	

Updated: September 2017