



February 28, 2017

Ms. Veronica Degraffenreid  
 North Carolina State Board of Elections  
 441 North Harrington Street  
 Raleigh, NC 27603

**RE: Request for State Certification of Election Systems & Software’s EVS 5.2.2.0 Voting System**

Dear Ms. Degraffenreid:

Election Systems & Software (ES&S) is pleased to present this formal request for the North Carolina State Board of Elections to certify our most recent Election Assistance Commission (EAC) Certified *EVS 5.2.2.0 Voting System*. EVS 5.2.2.0 was tested for conformance to the *2005 Voluntary Voting System Guidelines (VVSG)* at NTS Labs in Huntsville, AL and further received EAC Certification on February 27, 2017. As we had previously discussed, the EVS 5.2.2.0 Request for Certification is replacing the previously submitted EVS 5.3.0.0 Request for Certification which was submitted to your office on November 17, 2014.

The table below represents the EVS 5.2.2.0 software/firmware version numbers that we are seeking state certification of in North Carolina.

| <p style="text-align: center;"><b>North Carolina</b><br/> <b>State Certification of EVS 5.2.2.0</b><br/> <small>EAC Certified: February 27, 2017</small><br/> <small>VVSG Compliance: 2005 VVSG</small></p> |  |          |
|---|--|----------|
| <b>Election Management System (EMS)</b>   | ElectionWare                             | 4.7.1.1  |
|   | Event Log Service                        | 1.5.5.0  |
|   | Removable Media Service                  | 1.4.5.0  |
|   | Election Reporting Manager (ERM)         | 8.12.1.1 |
|   | VAT Previewer                            | 1.8.6.1  |
|   | ExpressVote Previewer                    | 1.4.1.2  |
| <b>ES&amp;S Tabulators</b>  | DS200 Precinct Tabulator (HW 1.2, 1.3)   | 2.12.2.0 |
|   | DS850 Central Tabulator (HW 1.0)         | 2.10.2.0 |
|   | DS450 Central Tabulator (HW 1.0)         | 3.0.0.0  |
| <b>Voter Assist Terminal</b>  | AutoMARK (HW 1.0, 1.1, & 1.3)            | 1.8.6.1  |
| <b>Universal Voting System</b>  | ExpressVote (HW 1.0) & ExpressVote Kiosk | 1.4.1.2  |

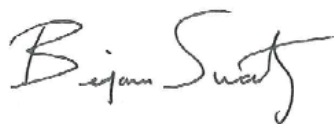
Below is a brief summary of the major components within the EVS 5.2.2.0 Voting System. Please refer to the System Overview or specific operation manuals included with this correspondence for additional details regarding the release and included products.

- The **ElectionWare** software integrates the Unity software programs (EDM, ESSIM, AIMS, & HPM) into one agile software program. With ElectionWare, a jurisdiction can define the election, finalize ballot layout, and prepare Election Day media devices all from a single software program.
- The **ExpressVote Universal Voting System** was designed to be used in elections by all voters, including individuals with disabilities. The *ExpressVote Universal Voting System* presents the ballot content on a touchscreen interface for voters to make their candidate selections. When a voter is satisfied with their candidate selections, the voter prints their selections onto a summary card where the voter takes and inserts the printed summary card into the DS200 for tabulation (or ballot bin for later scanning on the DS850/DS450).
- In EVS 5.2.2.0, the **DS200 Precinct Tabulator** received a new graphical interface from the certified Unity DS200 versions which features more on-screen instruction and guidance to the voters. Optional features of the DS200 include the *Write-in Review Report* that prints after the results tape and/or *Write-in Viewer* which allows a pollworker to review ballot images (with write-ins) from the DS200 after polls close.
- With this release, the **DS850 Central Tabulator** has the ability to network the DS850 to the EMS server in order to transfer results on election night and copies of the scanned ballot images for archiving purposes during the canvassing process. The user also has more flexibility in configuring the outstack bins to accommodate different election scenarios when compared to the certified Unity DS850 version.
- The **DS450 Central Tabulator** is a new ES&S product that shares the same functionality and firmware as the DS850 however is designed for mid-range counties to scan their absentee ballots which currently may be accomplished on the DS200 (or M100 on the older Unity 3.0.x.x system).

Included with this letter are product brochures as well as a CD-Rom containing the technical data package (TDP). ES&S requests the North Carolina State Board of Elections review our request for certification and further begin the recently defined certification process in the upcoming month(s).

If there are any questions, requests for additional information regarding products/functionality, or to simply discuss the *EVS 5.2.2.0 Voting System* in greater detail, please do not hesitate to contact me at 402-970-1143 or [brswartz@essvote.com](mailto:brswartz@essvote.com).

Sincerely,



Benjamin Swartz  
NC State Certification Manager  
Election Systems & Software, LLC

cc: Ms. Kim Westbrook Strach (North Carolina State Board of Elections)  
Mr. Steve Pearson (ES&S)  
Mr. Owen Andrews (PrintElect)

encl: CD-ROM (*Technical Data Package*)