

Voting System Acceptance Testing

End-to-End System Testing



Election Management Software and Hardware Verification

Software and hardware components are the certified versions (i.e., operating systems, software versions, hardware model numbers, etc.).	<input type="checkbox"/> Yes <input type="checkbox"/> No
The election management system (including all computers, servers, printers, etc.) is not connected to the internet. If a local area network is patched through a switch to connect multiple devices, ensure that the switch is not connected to any other network within the facility and is solely dedicated to traffic from the election management system.	<input type="checkbox"/> Yes <input type="checkbox"/> No
All components of the voting system function properly (i.e., monitors, printers, media loading devices, high-speed scanners, etc.). This includes the importing of results from the individual voting units, the opening and closing of the polls, the overall security options provided by the system, and the ability a voting system has to audit, review, and adjudicate responses made on a ballot.	<input type="checkbox"/> Yes <input type="checkbox"/> No
USB and other ports, if not used, can be sealed to prevent unauthorized or unnecessary use of the ports.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Voting System Functionality Examination

To perform the end-to-end functionality examination, perform each step below and record the results of the test in the section below. If the voting system experiences a failure during any of the steps below that cannot be corrected, please terminate the test.

1. Create or load an election using the election management software.
2. Create and load media devices with the election and test one scanner, one touchscreen and/or DRE device (including the audio ballot). Other components such as the ballot printer may be tested during the end-to-end examination as well.
3. Close the election on each unit being tested and ensure the results match the predetermined test results.
4. Remove any media from the devices and import the results of the test into the election management system.
5. Tabulate the results in the election management system, print results, and compare to ensure the results match the pre-determined results and the results generated from the individual units being tested.
6. Verify that other products in the software suite including, but not limited to, ballot printing and ballot adjudication software are functioning properly.

Provide a brief description of the test in the space provided below.
