



E-POLL BOOK SYSTEM FUNCTIONAL ON-SITE TEST MATRIX

Kentucky State Board of Elections



AUGUST 27, 2022



Functional On-Site Test Matrix

1. Terms and definitions:

- 1.1. **E-poll Book Product** – KY statutory definition, synonymous with Electronic Poll Book System defined below.
- 1.2. **Electronic Poll Book System (EPBS)** – sum total of all devices/software/services composing entire system.
- 1.3. **Electronic Poll Book (EPB)** – endpoint device.
- 1.4. **Electronic Poll Book Central Server (EPBCS)** – Central repository/DB/administrative.
- 1.5. **Kentucky State Board of Election (SBE)**
- 1.6. **Technical Data Package (TDP)** – Vendor supplied documentation
- 1.7. **Voter Registration System (VRS)** – Kentucky’s voter registration system and database.
- 1.8. **Voter’s Unique Identifier (VUID)**
- 1.9. **Precinct** – a single area within a county that will cast ballots at one location on Election Day.
- 1.10. **Consolidated Location** – a combination of two (2) or more precincts put together with the intent of sharing Election Equipment and Election Officers on Election Day. ONLY voters who reside in the combination of these specific precincts will cast a ballot in this polling location.
- 1.11. **Vote Center** – a location where any voter in the entire county can vote on Election Day.

2. Testing Process

The Matrix is a list of specific functional requirements for any EPBS seeking certification for use in Kentucky. The Matrix is not meant to be followed in strict order. Features can be presented in a different order than listed below, however all of the line items must be verified by the three members of the SBE examining committee.

3. Testing Day Information:

Committee member name:			
Company Tested:			
Date of Testing:		Location of testing:	
Time testing began:		Time testing ended:	
Signature of tester:			



4. Functional On-Site Matrix:

#	Ref	Description	Met	Not Met	Comments
1	5.1	Vendor has demonstrated all available user account types.			
2	5.2	Vendor has demonstrated all communication ports, types and protocols.			
3	5.3	Vendor has demonstrated all security features, including but not limited to:			
		1. Software			
		2. Hardware			
		3. Encryption			
4	5.4	Vendor has demonstrated all available ancillary equipment:			
		1. Peripherals			
		2. Devices			
		3. Software			
5	5.5	Vendor has demonstrated the loading of a typical roster file provided by SBE.			
6	5.6	Vendor has demonstrated the correct integration of the imported roster file.			
7	5.7.a	Vendor has demonstrated: All available voter look-up paths			
8	5.7.b	Vendor has demonstrated: All available methods of voter ID verification			
9	5.7.c	Vendor has demonstrated the correct identification and presentation of a voter's individual ballot style.			
10	5.7.d	Vendor has demonstrated all of the fields for every type of Voter Record:			
		1. ACP			
		2. Permanent Assistance			
		3. Supplemental			
		4. Provisional			
		5. Any others available			



11	5.7.e	Vendor has demonstrated Voter Check-in types:			
		1. Success			
		a. Using KY DL/ID			
		b. Using voter look-up			
		2. Failure			
		a. Voter not found			
		b. Voter in other precinct			
		c. Et al.			
		3. Abandoned			
4. Spoiled					
12	5.8.a	Vendor has demonstrated deployment configurations using multiple poll books: With connectivity:			
		1. Central server direct syncing, and			
		2. Peer-to-peer lateral syncing			
13	5.8.b	Vendor has demonstrated deployment configurations using multiple poll books: Without connectivity:			
		1. Peer-to-peer lateral syncing			
		2. Any other optional type available			
14	5.9	Vendor has demonstrated the election “ Open ” process including any features such as:			
		1. Procedures			
		2. Sign-offs			
		3. Reports			
		4. Auditing			
15	5.10	Vendor has demonstrated the election “ Close ” process including any features such as:			
		1. Procedures			
		2. Sign-offs			
		3. Reports			
		4. Auditing			



15	5.11	Vendor has demonstrated all summary and reporting features available on individual poll books.			
16	5.12	Vendor has demonstrated all troubleshooting and help features available on individual poll books.			
17	5.13	Vendor has demonstrated the ability to upload and download:			
		1. Data and/or files in Real-time			
		2. Delta files			
		3. System/software updates			
18	5.14	Vendor has presented a comprehensive overview of the Central Server and/or Administrative Console functionality, such as:			
		1. Election Management			
		2. Reporting			
		3. Data Analysis			
		4. Software Updating			
		5. Troubleshooting			
		6. Equipment Deployment Tracking			
19	5.15	Vendor has demonstrated any other pertinent functionality or features not specifically listed.			
20	NOTE				
21	NOTE				
22	NOTE				
23	NOTE				