

Texas Technical Testing Matrix for Electronic Pollbooks

#	Application Requirements	Met	Not Met	Comments
1	Electronic Pollbook has been tested by an independent, NIST-certified testing laboratory			
2	Vendor has provided test lab with a full copy of Technical Data Package, including: <ul style="list-style-type: none"> • User Operating, Support, and Maintenance Manuals • Training Manuals and Instruction Guides • Recommended Use Procedures • Software License Agreement • Software System Design • Warranty Information • Recommended Security Practices • List of any known anomalies experienced with the use of the system and the resolution of those anomalies • List of compatible peripherals devices used with the system 			
3	Vendor has provided any internal test reports and test data			
4	Testing lab must review any information that the vendor is required to provide to the testing lab under the Texas Certification Procedures and this Matrix			

#	System Requirements	Met	Not Met	Comments
5	Electronic pollbook is capable of importing and exporting data to and from the county voter registration database			
6	Electronic pollbook is compatible with peripheral devices listed in TDP			
7	Electronic pollbook can export data in a format that is compatible with the statewide voter registration database			
8	All information on the electronic pollbook is encrypted			
9	Electronic pollbook is capable of storing a local version of the county official list of registered voters to serve as a backup			
10	Electronic pollbook is capable of producing an audit log that reflects all actions of the system			
11	Electronic pollbook must allow a voter to be accepted for voting during an interruption in network connectivity			
12	Electronic pollbook must be capable of generating a time-stamp for when each voter is accepted to vote at a polling place, including the voter's unique identifier (VUID)			

13	Electronic pollbook must be capable of transmitting a time-stamp for when each voter is accepted to vote at a polling place, including the voter's unique identifier (VUID)			
14	Electronic pollbook must be capable of time-stamping the receipt of a transmission of a time-stamp for when each voter is accepted to vote by another device, including the voter's unique identifier (VUID)			
15	Electronic pollbook must be capable of importing, collecting, storing, retrieving, and displaying voter information			
16	Electronic pollbook is capable of providing secure transmission of voter and election information to the county central database and to other electronic pollbook devices			
17	If a central database is used, then the data contained on that central database must be secured according to industry best practices and not be publicly accessible			
18	If the electronic pollbook is used for signature capture, then the electronic pollbook must be capable of interfacing with any peripherals used for that signature capture and must be able to			

	display the signature on the electronic pollbook device			
19	The system must be able to manage any type of Texas election (local, county, federal, primary) and be able to manage multiple types of elections occurring simultaneously on the same day			
20	Electronic pollbook must be capable of searching the county's official list of registered voters and relevant voter information to determine a voter's correct precinct and polling location			
21	Electronic pollbook must be capable of identifying the correct polling location for a voter who has appeared to vote at the incorrect location			
22	If the electronic pollbook uses a barcode scanner or other device used to identify the voter based on information contained on a voter's ID, then the device must be capable of correctly collecting data from those forms of ID that may be scanned			
23	Electronic pollbook must allow an election worker to correctly identify a voter who appears to vote by searching the political subdivision's list of registered voters			

24	Electronic pollbook must allow an election worker to enter information indicating that the voter has voted in the election			
25	Electronic pollbook must be capable of uploading voter history in a format that is compatible with the county's voter registration database and/or the statewide voter registration database			
26	Electronic pollbook must be capable of correctly processing all voter registration information and producing audit logs for any actions that modify, transmit, or use that information			
27	Procedures for setup, use, and shutdown of electronic pollbook must be reasonably simple for election workers to learn, understand, and perform			
28	Electronic pollbook must allow election workers to verify that the pollbook has been setup correctly, is working correctly, and is correctly recording voter information			
29	Electronic pollbook must keep a running count of voters who have been accepted to vote each day			

	Technical Requirements	Met	Not Met	Comments
30	<p>Electronic pollbook must be capable of performing at least two of the following four actions:</p> <ul style="list-style-type: none"> • Regularly syncing voter information with the county central database; • Storing voter information on local device; • Storing voter information on an encrypted removable memory device; or • Producing a physical printed list showing any actions involving voter information by that device 			
31	Electronic pollbook device must be able to operate on battery power for a minimum of two hours without interruption to the device			
32	Electronic pollbook device must provide an indication of when the device is operating on battery power			
33	Electronic pollbook system must contain controls for restricted access to administrative functions on the device			
34	Electronic pollbook system must never utilize an unsecured network connection			

35	Electronic pollbook must not directly connect to an electronic voting system			
36	Electronic pollbook must not directly connect to the statewide voter registration database			
37	Electronic pollbook must be capable of maintaining secure connectivity to the county central database, and must provide a notification to the election workers and to the central county office when a device loses connectivity			
38	System must maintain physical and digital data security protections			
39	Electronic pollbook device must not be capable of accessing device functions other than those that are part of the electronic pollbook system's own software or those that are designed to interact with the system			
40	If system allows multiple types of users, then it must enforce the principle of least privilege			