ENHANCING THE ELECTION PROCESS FOR STATE OF NEW HAMPSHIRE

Request for Information

New Hampshire Electronic Poll Book System

March 31, 2017

REQUIREMENTS

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
AR-1: At least (8) eight EPBs in an *EPBS; (12) if adding new voters.*	30	Yes	ExpressPoll tablets at a polling location operate as part of a peer-to-peer network within a local-area network (LAN). All audit information and activity, including voter credit information, is synchronized with all other ExpressPoll systems connected to the LAN. This network is a self-organizing ring that requires no administration under normal circumstances. This synchronization of data prevents a voter from attempting to check in multiple times at the same voting location. ES&S uses wireless networking between tablets, as wireless networking provides a much wider range (up to 300 feet) and is more secure (AES-256 encryption) compared to Bluetooth networking (10- to 20-foot range and only AES-128). During the November 2016 high turnout election, up to up to 16 ExpressPoll tablets were networked within a single voting location.
AR-2: No single point of failure.	30	Yes	One of the major advantages ES&S offers is that the ExpressPoll tablet system provides redundant storage of voter validation data within the tablet. When a voter is validated, the data relating to the voter validation is redundantly stored in solid state memory on the tablet's motherboard, and on a micro-SD card installed within the tablet. If one of these memory sources experiences an issue,

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			voter history data can be easily retrieved from the other memory source.
			When networking multiple ExpressPoll tablets within a voting location, voter validation data is immediately shared with all ExpressPoll tablets networked on the local area network, providing additional data storage redundancy in each ExpressPoll tablet.
AUR-1: Audit log.	34	Yes	The software maintains a complete transaction audit log with tables containing a record of all ballots issued and other significant activity that can be printed or exported. The audit log is stored on the removable micro-SD card with a backup copy redundantly stored on the tablet's internal memory.

The audit log file includes the:

• Identification of the program and version being run

• Identification of the election files being used

• Record of all options entered by the operator

• Record of all tabulation and consolidation input

• Record of all actions performed by the subsystem

The audit log file records the identification information entered by the tablet user so all transactions performed by this user can be identified. |

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AUR-2: Log voter registration record queries and updates.	34	Yes	All transaction records in the ExpressPoll log file, including system events, application events and user activities are recorded by timestamp. The transaction log tracks all activity against a voter record, including issuing credit, removing credit, updating voter records, adding voter records, re-issuing ballots, and more.
AUR-3: Log user actions.	34	Yes	ExpressPoll includes a method to track searches and edits to the system, including who performed the operation (audit trail). Each ExpressPoll electronic pollbook immediately updates voter history and records that the poll worker has issued a ballot for early voting or on Election Day. The ExpressPoll system timestamps, logs, and records all activities, including poll opening, poll closing, and other critical election events such as issuing a ballot to a voter. These activities are stored in the system audit log for later retrieval and review. This log is redundantly stored on the tablet and on a removable micro-SD memory card. The audit log includes all voter history data, as well as the voter's identification information, time, date and place of voting, party, and type of ballot issued, such as standard or provisional. Depending on the options that are enabled on the ExpressPoll, this data may also include the provisional ballot ID number, ballot stub number, ballot issue reason code, user initials, social security number (last four digits) and driver's license number.
AUR-4: Log system deviations.	35	Yes	The software maintains a complete transaction audit log with tables containing a record of all ballots issued and other significant activity that can be printed or

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			exported. The audit log is stored on a microSD card, and a backup copy of the audit log also is maintained internally. For further redundancy, this important information is synchronized among all of the ExpressPoll tablets networked on a LAN. The audit log file includes: • Identification of the program and version being run • Identification of the election files being used • Record of all options entered by the operator • Record of all tabulation and consolidation input • Record of all actions performed by the subsystem The audit log file records the ID entered by the user. All transactions recorded while this person was logged on to and used the pollbook unit can be identified. A time and date stamp is assigned to all audit data.
AUR-5: Printable audit log.	35	Yes	The software maintains a complete transaction audit log with tables containing a record of all ballots issued and other significant activity that can be printed or exported. The audit log is stored on a microSD memory card, and a backup copy of the audit log is store in the tablet's internal memory.
AUR-6: Exportable audit log.	35	Yes	The software maintains a complete transaction audit log with tables containing a record of all ballots issued and other significant activity that can be printed or

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			exported. The audit log is stored on a microSD memory card, and a backup copy of the audit log is store in the tablet's internal memory.
AUR-7: No audit log encryption.	35	Yes	Encryption of our log files is configurable.
AUR-8: Audit log format compliance.	35	Yes	The audit log will be compliant with the format specified in DOCR-9.
DOCR-1: Set up, use, and shutdown instructions.	36	Yes	Through comprehensive documentation, ES&S will train your staff members to properly set up, operate, and maintain the system. The ExpressPoll tablet is ES&S's third generation electronic pollbook system, and this length of time in the electronic pollbook industry has enabled us to develop very effective instruction documentation for election officials and poll workers of all ages.
DOCR-2: Functionality specification.	36	Yes	ES&S will provide documentation on all functionality of the ExpressPoll system.
DOCR-3: Training materials.	36	Yes	ES&S provides comprehensive documentation of the ExpressPoll tablet, including training materials, user's manuals, "how-to" guides, and data recovery procedures. All materials can be reviewed on a schedule that works best for your needs, including during the procurement process and as part of acceptance testing.
DOCR-4: Data recovery procedures.	36	Yes	ES&S provides comprehensive documentation of the ExpressPoll tablet, including training materials, user's manuals, "how-to" guides, and data recovery procedures.
DOCR-5.1: System architecture.	37	Yes	If required, ES&S can provide system architecture model documentation.

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DOCR-5.2: End user documentation.	37	Yes	The ExpressPoll user documentation includes the ExpressPoll User's Guide, Administrator's Guide Emulator and Resource Guide, and Resources Reference Guide. Diagrams that illustrate the ExpressPoll system and various workflows are provided in the Administrator's Guide.
DOCR-5.3: System level documentation.	37	Yes	If required, ES&S can provide system level documentation.
DOCR-5.4: Developer documentation.	37	Yes	If required, ES&S can provide developer documentation.
DOCR-6: Consumables documentation.	37	Yes	If required, ES&S can provide consumables documentation.
DOCR-7: Quality assurance procedures, test data, and reports.	38	Yes	ExpressPoll system documentation will include internal, QA test plans, test data, test results, and reports.
DOCR-8: Repair and maintenance policies.	38	Yes	The ExpressPoll documentation will include repair and maintenance polices, including suggested schedules such as battery charging schedules.
DOCR-9: Audit log specification.	38	Yes	ES&S can provide audit log specification documentation.
DOCR-10: Usability tests.	38	Yes	ES&S can provide documented usability tests for the ExpressPoll.
DOCR-11: List of all EPBS programs.	38	Yes	ExpressPoll documentation will include a list of all electronic pollbook system programs.
DOCR-12: List of system configuration data.	39	Yes	ES&S can include system configuration data documentation.
DOCR-13: User interfaces.	39	Yes	ExpressPoll documentation can include a list of all user interfaces.

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DOCR-14: Non-functional (potential) requirements documentation.	39	Yes	ES&S can include non-functional requirements documentation.
DOCR-15: List of files containing voter information.	39	Yes	ES&S can include documentation that lists all files containing voter information.
DOCR-16: File format specification.	39	Yes	ExpressPoll documentation will include a file format specification for each program.
FR-1: Adding a new *EPB* to the *EPBS*.	20	Yes	ExpressPoll tablets at a polling location operate as part of a peer-to-peer network within a local-area network (LAN). All audit information and activity, including voter credit information, is synchronized with all other ExpressPoll systems connected to the LAN. This network is a self-organizing ring that requires no administration under normal circumstances. Adding an ExpressPoll tablet to an existing functioning voting location is a simple process. A poll worker would simply set up the additional ExpressPoll tablet and turn the tablet on. When the tablet is already pre-set to network with the wireless router at the voting site, the tablet will automatically synchronize with the router and begin to network with all the other ExpressPoll tablets within the voting location. Visual icons on the ExpressPoll screen will indicate that the additional ExpressPoll tablet is communicating with the other tablets at the site.
FR-2: Removing an *EPB* from the *EPBS*.	20	Yes	ExpressPoll tablets at a polling location operate as part of a peer-to-peer network within a local-area network (LAN). All audit information and activity, including voter credit information, is synchronized

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			with all other ExpressPoll systems connected to the LAN. This network is a self-organizing ring that requires no administration under normal circumstances. Removing an ExpressPoll tablet from an active voting site is as simple as logging out of the tablet and turning the unit off. The operation of one tablet does not affect the operation of other tablets synchronized using the wireless network. There is no primary tablet in the ExpressPoll system.
FR-3: Identifying an *EPB*.	20	Yes	Each ExpressPoll tablet is assigned an ID, so the ability to track a specific tablet or the actions of a poll worker using a specific tablet is simplified.
FR-4: Restricted access to voter information.	20	Yes	A user ID and password are required to activate the ExpressPoll. If desired, two passwords from separate poll workers can be required for system log-in. A separate password is required to access supervisor functions. This password can be required on any button displayed on the ExpressPoll, allowing the user to customize the interface to exclude poll workers from certain functionalities, such as canceling an issued ballot or issuing a provisional ballot. A Central Administrator card and PIN are required to access the administrative functions of ExpressPoll. The election official's or poll worker's user ID and password provide access to accomplish specific tasks in the system. Every log-on attempt generates an audit log event. When a poll worker logs into the ExpressPoll system, the system is in the

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			"kiosk mode" which means the poll worker(s) do not have access to other areas of the tablet. Only the ExpressPoll voter validation software application can be accessed by the poll worker.
FR-5: Constrained data storage.	21	Yes	The ExpressPoll system will not store any data other than outlined in DOCR-11, DOCR-12 and DOCR-15.
FR-6: *Voter list* storage.	21	Yes	Similar to all valued vote tabulation systems throughout the industry, the ExpressPoll redundantly stores voter check-in data in two (2) separate locations, including the solid state memory on the tablet's motherboard and a micro-SD card located in the side of the tablet. This critically important data storage redundancy ensures voter history data will be available following each election.
FR-7: Voter information lookup.	21	Yes	Voter lookup is performed from the Find Voters screen. The ExpressPoll tablet can scan a voter's driver's license using the tablet's camera to immediately look up a voter's record. This method of voter look-up eliminates keyboard entry and automatically displays the voter record that contains the matching scanned data. Voter searches can also be performed by entering the letters of the voter's name into the ExpressPoll's touchscreen keyboard. As letters are touched, the grid display is populated with voter names that correspond to the entered letters. Touching three or four letters of the voter's last name and one or two letters of their first name will display a voter's record the majority of the time, enabling rapid voter look-up and validation. If the voter's

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			name is not yet displayed, entering a few additional letters will find the voter.
			A poll worker can immediately begin entering letters of a voter's name and retrieving voter information without the need to touch a "search" icon on the ExpressPoll screen. This eliminates an additional poll worker step/activity that could occur 300-400 times on Election Day.
			When a driver's license is scanned or letters of a voter's name are typed into the ExpressPoll screen, only voters that belong in the respective voting location or precinct will appear on the initial ExpressPoll search screen. If a voter is not found during the initial ExpressPoll search, the search can be easily expanded with the touch of an icon on the screen. Limiting the voter names that appear on the initial search screen has enabled poll workers of all ages to easily convert from a paper pollbook to the ExpressPoll system because they are used to seeing this list of voters when using a paper pollbook.
			ExpressPoll also allows searches by street address and voter identification, such as driver's license number or Voter ID.
			The poll worker touches the voter's name in the grid to view information used to verify the voter's identity.
			If additional information is needed on a specific voter during the validation process, the voter record identification screens can display additional identification-related information from the

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			voter registration system. This information may include the voter's date of birth, age, party, or other information required to verify the eligibility of the voter. Voter information that is available to poll workers on the ExpressPoll includes: • Voter Name • Voter Address • Date of Birth • Voter Status (Active, Inactive, Canceled, Pend1, Pend2 and any custom voter statuses that have been defined.) • Absentee Issued Status (Absentee Issued, Absentee None, Absentee Early Vote, and any custom absentee issued statuses that have been defined.) • ID Required Status (ID Required, Not required, and any custom ID Required statuses that have been defined.) • Precinct • Party • Voter Identification Number • Social Security Number (last four digits) • Affidavit Number • Driver's License The ExpressPoll can clearly display voter signatures and capture each voter's digital signature on the tablet's touch screen. Poll workers can then quickly and easily compare voter signatures before issuing a ballot. No separate digital signature pad peripheral is needed.
FR-8: Voter information updates.	21	Yes	Each ExpressPoll electronic pollbook immediately updates voter history and records that the poll worker has issued a ballot during Early Voting or on Election Day. The ExpressPoll system time stamps, logs, and records all activities, including

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			poll opening, poll closing, and other critical election events such as issuing a ballot to a voter. These activities are stored in the system audit log for later retrieval and review. This log is redundantly stored in solid state memory on the tablet, and on a removable micro-SD memory card. Following an election, data conversion software will be used to process ExpressPoll transaction records, generate election reports, and export voter history for import back into the local voter database. A key benefit of the ExpressPoll system is its ability to upload voter history data into the voter registration system quickly when compared to barcode scanning or entering each name in a paper pollbook. This automated process slashes the time, personnel, and cost needed to accomplish this task.
FR-9: Generating and printing reports.	22	Yes	The ExpressPoll comes complete with a thermal printer and can be configured to print the following user-defined reports: • Printer Initialization Document – For printing information that allows the user to verify that the printer is working correctly. Can also be used to send printer commands that specify printer controls to the printer. When used, this document is printed when the ExpressPoll is powered on. • Voter Document – For printing voter receipt information after a standard paper ballot is issued or reissued. This printed document

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			can contain information such as the voter's name, address, political party, precinct, ballot style and more. Up to 42 items can be printed on this document, and the contents of the document can be selected by the state or jurisdiction. • Voter Provisional Document – For printing voter receipt information after a provisional paper ballot is issued. Once again, this printed document can contain information such as the voter's name, address, political party, precinct, ballot style and more. Up to 42 items can be printed on this document, and the contents of the document can be selected by the system user. The title of this document will indicate that the printed document relates to a provisional voter. • Voter Reprint Document – For reprinting the voter document in the event that the original was damaged. The value defined for this resource can produce an exact copy of the original voter document or it can be defined to include different wording such as "Reprint" or "Copy." • Voter Provisional Reprint Document – For reprinting the provisional voter document in the event that the original was damaged.

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			• Poll Document – For printing polling place information for voters at the wrong polling location. This is a customizable report that includes the address and intersection information of the voter's correct polling place.
			• Voter List – For printing the list of voters who are assigned to the specific voting location.
			• Voted List – For printing the list of voters who have been validated. This is a customizable report that shows who voted and includes a time stamp. Other information can be included as part of the report, including voter address, voter party and ballot type.
			• User Report 1 Document and User Report 2 Document – For printing any user-defined report.
			BridgePoint, our data conversion and transaction processing software, can be used to generate and display reports that contain audit log information, including the log-in names of the users who performed the action.
FR-10: The *electronic poll book* must maintain a printable format of the *local voter database*	22	Yes	The ExpressPoll tablet with printer can quickly print voter lists. These lists can include all voters assigned to a specific precinct or voting location. Printed reports can include all voters that voted on Election Day, or voters that have voted at any time during the election process (early voting, absentee). The voter lists can include the voter's name, address, party and other information as well, as determined by state requirements.

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			Completing this task automatically using the ExpressPoll system provides accurate information in seconds.
FR-10: The *electronic poll book* must maintain a printable format of the *local voter database* *{(potential) requirement Type:* ***mandatory}*** **Description:** It must be possible to continue with an election should the electronic poll book *become inoperable.* To that end, the electronic poll book *must maintain a* printable checklist format of the local voter database *on removable storage*, pursuant to New Hampshire RSA 654:25. Ref: None **FR-11:** Deliberately Left Blank.	22	Yes	Yes. The ExpressPoll system provides a removable storage micro-SD card that can be used to print the format of the updated local voter database. This printed data can be used to continue the election process should the electronic pollbook become inoperable. Also, it should be noted that if multiple ExpressPoll electronic pollbooks are used at a voting location, the voter database and all voter validation transactions will be shared between all the ExpressPoll tablets within the voting location.
FR-12: User accounts	23	Yes	The ability to modify user accounts is protected using an administrator PIN. Once the correct PIN is entered, the manager of the precinct can modify the status of user accounts, and can change the status of a voter to many voter statuses developed by the State of New Hampshire.
FR-12: User accounts. *{(potential) requirement Type:* ***mandatory}*** **Description:** The *electronic poll book system* must permit an *administrator* to manage user accounts within its *configuration.* This includes	23	Yes	An administrator can manage user accounts within its configuration. This includes adding and disabling user accounts and setting user roles for existing accounts. The ExpressPoll system can comply with the RSA Chapter 654 and 659 requirements.

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adding and disabling user accounts, and setting user roles for existing accounts. **Ref:** None **FR-13:** Title 9 of General Statutes (potential) requirements. See Ballot Clerk Procedures for State Primary and General Election			
FR-14: System event confirmation.	23	Yes	The ExpressPoll system can be configured so the polls cannot be opened until a user has confirmed that testing is complete. This feature was specifically designed to ensure that an election official has verified all features of the ExpressPoll operate correctly before the units are used. All ExpressPoll features available in Election Mode also are available in Test Mode, permitting election officials to verify that the ExpressPoll has been set up correctly, that the correct ballot can be issued to each eligible voter, that issued ballots are counted correctly, and that all peripheral devices operate as expected. The software maintains a complete transaction audit log with tables containing a record of all ballots issued and other significant activity that can be printed or exported. The audit log is stored on the removable micro-SD card with a backup copy stored on the tablet's internal memory. The audit log file includes the: • Identification of the program and version being run

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			• Identification of the election files being used • Record of all options entered by the operator • Record of all tabulation and consolidation input • Record of all actions performed by the subsystem
FR-15: Diagnostics mode.	24	Yes	The ExpressPoll software maintains a complete audit log of all ballots issued and other significant activity by authorized users. This log is stored on both the removable micro-SD memory card and on each tablet's internal solid state memory. The audit log includes all voter history data, including name and address information. It also includes the voter identification number, time, date and place of voting, party, and type of ballot issued, such as standard or provisional. When the transaction records from the ExpressPolls have been processed, the audit log can be viewed, printed, and exported.
FR-16: Program execution.	24	Yes	Only authorized programs will run on the ExpressPoll tablet. The encrypted data contained in the ExpressPoll database will not allow unencrypted data or incorrectly encrypted data to be added to the database.
FR-17: Printing *voter list*.	24	Yes	The ExpressPoll tablet with printer can quickly print voter lists. These lists can include all voters assigned to a specific precinct or voting location, a list of all voters that voted on Election Day, or voters that have voted at any time during

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			the election process (early voting, absentee). The voter lists can include the voter's name, address, party and other information as well, as determined by state requirements. Completing this task automatically using the ExpressPoll system provides accurate information in seconds. We have successfully printed voter lists with the ExpressPoll system for many years.
FR-18: Retaining voter information.	24	Yes	ES&S developed BridgePoint, our data conversion software application and administrative software, to interface with election management and voter registration systems. BridgePoint will be used to import data from the jurisdiction's system and generate an election database to be installed on the jurisdiction's ExpressPoll devices. Voter data and reports can be generated directly from the BridgePoint system. Voter history information can be recorded onto a digital storage device (i.e. CD) for permanent retention. Voter history and signature data will be exported to files that can be imported back into any applicable system.
FR-19: Compatibility with SVRS.	25	Yes	ES&S has developed our BridgePoint data conversion and administrative software to interface with the voter registration systems used in jurisdictions where tens of thousands of ExpressPoll devices are installed throughout the country. As part of our solution, ES&S will build a custom interface to use with BridgePoint (our data conversion software application) to import election and voter data and transform it into the appropriate format for use with the ExpressPoll electronic pollbook. We also will design this interface to export

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			voter history from BridgePoint in a format that can be easily uploaded to your voter registration system. ES&S has designed the ExpressPoll system to interface with many different voter registration systems, including statewide systems. Our experience with voter registration systems is unrivaled. As a company, we maintain and support customers on four different voter registration systems containing more than 55 million voters. We are extremely confident we can successfully interface with SVRS.
FR-20: As a part of the *local voter database* import, the *electronic poll book system* must require the user to confirm that they are importing the intended *local voter database*	25	Yes	The ExpressPoll system is designed to require the user importing the local voter database to confirm that is their intent. A message appears on the database download screen that asks, "Are you sure you want to COPY the election data from USB drive to the ExpressPoll SD Card?"
FR-21: One voter/ one vote within *EPBS*.	25	Yes	When a voter is validated within a voting location, the updated voter status information is shared with all ExpressPoll units located within the voting area, eliminating the risk of a voter attempting to vote twice within the facility. If a voter attempts to vote in a different voting location, their name will not appear in the respective precinct or voting location database, so they will not be able to vote a standard ballot.
FR-22: *Local voter database* import.	25	Yes	BridgePoint will be used to import data from the jurisdiction's voter registration system and generate an election database to be installed on the jurisdiction's ExpressPoll devices. Any new voter records and status updates to existing voter records can be downloaded to the tablets

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			at your discretion. At the close of the election, transactions will be processed in BridgePoint. Voter history and signature data will be exported to files that can be imported back into the state's voter registration system.
FR-23: *Local voter database* export.	25	Yes	BridgePoint will be used to import data from the jurisdiction's voter registration system and generate an election database to be installed on the jurisdiction's ExpressPoll devices. At the close of the election, transactions including voter signatures captured at the polls, will be processed in BridgePoint. Voter history and signature data will be exported to files that can be imported back into state's voter registration system.
FR-24: *Supplemental local voter database.*	26	Yes	The local database is stored redundantly to backup any information in case any of the databases become corrupt.
FR 25: Deliberately left blank.	26	N/A	N/A
FR-26: The *electronic poll book* must not change *invariant data*	26	Yes	Invariant data exists at all levels of the ExpressPoll system. These items remain static throughout the execution of the application and dictate the workflow and user experience. A complete list of these data structures can be provided as needed.
FR-27: As a part of the *voter list* export, the electronic poll book system must require the user to confirm that they are exporting the intended *voter list.*	19	Yes	The voter list export can be produced in its entirety or on a location by location basis. The user needs to supply the necessary parameters to produce the desired outcome.
HIR-1: USB port.	19	Yes	The ExpressPoll tablet features an integral micro-USB port located directly on the side of the ExpressPoll tablet. This micro-

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			USB port provides a major advantage, as peripherals can be "directly connected" to the ExpressPoll tablet using this port. It eliminates the risk and the unreliability associated with using other methods to connect peripherals to the tablet. This micro-USB port can also be used to load the voter database into the tablet.
HIR-2: Card reader.	19	Yes	The ExpressPoll can read a bar code on a voter's identification document and automatically locate and display the voter's matching record in the ExpressPoll tablet database. The ExpressPoll tablet contains an integral camera that can be used to scan the barcode on a driver's license or Voter ID card.
PR-1: *Electronic poll book capacity during peak usage.*	27	Yes	With over 28,000 ExpressPolls already in use throughout the nation, the system has been used in some of the highest turnout elections on record. Counties have averaged validating a voter every 28 seconds countywide using the ExpressPoll system. The ExpressPoll enables poll workers to validate voters 50-65 percent faster than using a paper pollbook. As previously mentioned, ExpressPoll tablets at a polling location operate as part of a peer-to-peer network within a local-area network (LAN). All audit information and activity, including voter credit information, is synchronized with all other ExpressPoll systems connected to the LAN. ES&S suggests using one ExpressPoll tablet for every 900-1,000 registered voters within a voting location. This is not a limitation of the ExpressPoll system. It is a limitation of the human being using the system, as only so many voters can be validated by a person within the open polling hours on Election Day.

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			The voter validation data captured by one of the ExpressPoll tablets located within a voting location will be immediately shared with all other tablets in the location.
PR-2: Voter throughput per *EPB*.	27	Yes	With the ExpressPoll, a voter's record can be found and a ballot can be issued very quickly. An average poll worker will average validating voters approximately every minute or less. In Montgomery County, Ohio they validated a voter every 28 seconds countywide using the ExpressPoll System.
PR-3: *Voter list* export.	27	Yes	A list of all voters assigned to a specific voting location, containing their voting status, can be printed and can also be exported for external use. Also, a list of all voters validated during Election Day can be printed and exported for external use.
PR-4: *Voter list* import.	27	Yes	Minimal activity on the ExpressPoll screen is required to cause the converted voter registration data from the state's voter registration system to be loaded onto the tablet in a matter of seconds. The length of time it takes to load each tablet with converted voter registration data is determined by the amount of data to be loaded onto the tablet.
PR-5: *Electronic poll book system* setup.	27	Yes	The ExpressPoll system can be set up in less than five minutes at a voting location. The simple set up process includes removing the tablet and fully assembled stand from the carrying case, placing the tablet on the stand, connecting the tablet and printer to the stand and plugging the system into an AC power supply. It is literally that simple a process.
PR-6: *Electronic poll book* boot up and configuration.	28	Yes	The ExpressPoll is extremely intuitive and easy to set up in a voting location by poll workers of all ages. The ExpressPoll is also

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			extremely configurable so the set up can be completed in as many or as few configurations as state procedures require.
			Within a matter of seconds once the Launch ExpressPoll button is pressed, a screen will appear which enables the poll worker to verify that the ExpressPoll unit is being used in the correct voting site. A map and the address of the polling site programmed into the ExpressPoll can be presented on this screen. If the precinct information presented is correct, the poll worker simply touches the OK Correct Voting Site button and the system will present the Manage Polls screen which enables the poll worker to verify that there are no voters validated in the system prior to the polls opening. The poll worker also opens the polls from this screen as well by touching the Open Polls button. The internal audit trail records every activity on the system including when the polls were opened (and closed), and the audit trail will also provide poll worker user information as well.
			Once the polls are open, the poll worker selects the Search for Voters button. The touch screen keyboard will appear, so the poll worker can easily enter letters of each voter's last and first name to validate each voter. Or the Scan icon can be touched to scan the bar code on the voter's driver's license or state ID, which causes the voter's validation information to rapidly appear on the ExpressPoll screen. This screen will be used for the rest of the voting process to validate voters.
			The ExpressPoll system is used in hundreds of jurisdictions with poll workers

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			of all ages, and the response from poll workers has been overwhelmingly positive.
PROCR-1: Vendor to provide two *electronic poll book systems.*	16	Yes	ES&S will provide two electronic pollbook systems for testing and review by the State of New Hampshire.
PROCR-2: Vendor to provide list of customers.	16	Yes	A list of existing customers can be provided to the State of New Hampshire.
PROCR-3: Vendor to provide list of known anomalies.	16	Yes	Although ES&S has not experienced any material defects or failures of any part of ES&S' proposed electronic pollbook solution, ES&S has developed and provided to its customers a number of technical bulletins which may be used by ES&S' customer to assist them in resolving certain items associated with ES&S' pollbook solution. ES&S' technical bulletins are available upon request. ES&S offers tiered support to assist our customers with any issues. We respond in a timely manner to work with our customers to resolve or enhance their solution per their license and agreement.
PROCR-4: Compiling, importing, and exporting *local voter database.*	17	Yes	ES&S developed BridgePoint, our data conversion software application and administrative software, to interface with election management and voter registration systems used throughout the country. BridgePoint will be used to import data from the local voter database and generate an election database to be installed on the jurisdiction's ExpressPoll devices. Voter registration data will be converted into a data format that can be loaded onto the ExpressPoll tablets. The state or jurisdiction then will transfer the data to a thumb drive and insert the thumb drive

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			into the micro-USB port on the side of the ExpressPoll tablet. Minimal activity on the ExpressPoll screen will cause the converted voter registration data to be loaded onto the tablet in a matter of seconds. The length of time it takes to load each tablet with converted voter registration data is determined by the amount of data to be loaded onto the tablet. At the close of the election, voter transactions will be quickly retrieved from the ExpressPoll tablets using a thumb drive and processed in BridgePoint. Voter history data will be exported to files that can be imported back into the local voter database.
PROCR-5: Vendor to provide a pre-use fitness test for the *electronic poll book system.*	17	Yes	Acceptance testing, which includes a list of detailed procedures outlined to verify the operation of each ExpressPoll unit and any peripherals, is conducted at the jurisdiction's location using actual state voter registration data, which enables ES&S to fully verify that each ExpressPoll operates consistent with state-specific election processes. Testing is conducted on each ExpressPoll software process, for documented outcomes and for system level integration to verify data integrity across systems. Detailed acceptance testing specifications would be developed during state implementation process.
PROCR – 6: Vendor to suggest trial format that enables check of *EPB* accuracy against marked paper checklist.	17	Yes	ES&S will provide a trial format that ensures the tablets are ready for Election Day. For accuracy, the trial format includes every function that would be performed on Election Day by the tablet. Those functions include:

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			• Opening and Closing the polls • Looking up voters by name, address or ID, by Precinct, County or State • Scanning ID • Issuing a Standard or Provisional Voter Access Card (if using this function) • Issuing a Standard or Provisional ExpressVote Card (If using this function) • Issuing a Standard or Provisional paper ballot • Issuing a ballot to a voter whose record indicates he or she must show ID • Issuing a ballot to a voter who has an "Absentee Issued," "Inactive," or "Canceled" status, or any other user defined status Additional testing can be accomplished as the ExpressPoll tablet can be placed in the L&A mode which enables the voter validation process to be fully tested and system functionality to be completely reviewed.
PROCR – 7: Vendor to suggest trial format that enables check of EPBS in the event of failure of electronic components.	17	Yes	ES&S will provide a trial format document that provides a troubleshooting guide that can be used in the event of a system failure.
RR-1.1: Voter check-in during interruption of connectivity.	28	Yes	Once the units have been networked and are properly exchanging information, the orange up and down arrows will flash in

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			the bottom right hand corner of the screen. If the network is interrupted, the ExpressPoll will no longer be receiving information from other units. This issue can be quickly recognized by reviewing the network icons on the screen or by simply comparing the total votes cast count displayed on the status bar located at the bottom of the screen with other networked tablets. If a LAN network connection is interrupted, the ExpressPoll will no longer receive information from other units. The poll worker can determine which unit is no longer receiving a signal from the network by finding the unit displaying a red x over the exchange arrows. When cable connections and network configurations have been verified, the network connection on a unit that is not receiving communication can be re-established by simply powering the unit off and then on again. During a network outage, the ExpressPoll tablets can continue to be used to validate voters, as the tablet will store all voter validation activity. The ExpressPoll tablet will then transmit this data to all other tablets connected to the LAN network once networking is restored.
RR-1.2: Upon restoration of connectivity.	28	Yes	The tablets will automatically be synchronized with other ExpressPoll tablets connected to the LAN when the connection has been restored. Voter validation and other data that occurred during a network outage will be immediately shared with all the other tablets on the LAN network.

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
RR-1.3: Identify double voting.	28	Yes	When networked as designed, the ExpressPoll system eliminates the risk of double voting. All ExpressPoll tablets located within a voting location will be connected using a LAN. This LAN connection enables all voter validation activity to be shared with all other tablets at the voting location. This prohibits a voter from being validated at one tablet, then attempting to be validated at another tablet within the voting site. The ExpressPoll will clearly indicate that a voter has already been validated, and the system can be configured to disallow the voter from being provided a standard ballot by the poll worker.
RR-1.4: Indicate interruption of connectivity.	28	Yes	The ExpressPoll audit log will indicate an interruption of connectivity.
RR-2: Loss of power.	29	Yes	The ExpressPoll tablet features a lithium-ion battery pack which offers up to 11.1 hours of battery backup. The battery backup in the ExpressPoll tablet enables the ExpressPoll tablet to fully operate during a power outage.
RR-3: Data recovery.	29	Yes	The ExpressPoll is designed to provide "redundant storage" of voter activity data. All voter validation activity captured by the system is stored in the removable micro-SD card, and in internal solid state memory. If data cannot be retrieved from the removable micro-SD card, the ExpressPoll's Restore Transaction Log function can be used to restore the log from the ExpressPoll to a new card. Polling place ExpressPoll tablets can be configured to communicate with each other over a local-area network (LAN). When a LAN is used, connected

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			ExpressPoll units communicate voter record updates to each other, so data on the units is always in sync. If a problem occurs on a tablet or its memory card, it can easily be replaced with another tablet. Once a new replacement tablet is in place and synchronized on the LAN, all updated data from the other tablets at the location will be shared with the new ExpressPoll tablet.
RR-4: Simultaneous data storage.	29	Yes	The ExpressPoll tablet provides integral data storage redundancy, which many election officials feel is a critically important component of an electronic poll book system. The ExpressPoll stores voter validation data in solid state memory on the unit's motherboard and redundantly stores the data on a micro-SD card housed in the tablet.

If one of the data storage areas has an issue, you will be able to retrieve voter validation data from the other data storage area. You would not purchase a tabulation system that did not offer data storage redundancy, and we feel your electronic poll book solution should offer this same essential capability as well.

Polling place ExpressPoll tablets can be configured to communicate with each other over a local-area network (LAN). When a LAN is used, connected ExpressPoll units communicate voter record updates to each other, so data on the units is always in sync. If a problem occurs on a tablet or its memory card, it can easily be replaced with another tablet. |
| **RR-5:** *Local voter database replicas.* | 29 | Yes | When multiple ExpressPoll tablets are deployed within a voting location, each ExpressPoll tablet will contain the local |

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			voter database. ExpressPoll tablets can be configured to communicate with each other over a local-area network (LAN). When a LAN is used, connected ExpressPoll units communicate voter record updates to each other, so data on the units is always in sync. If a problem occurs on a tablet or its memory card, it can easily be replaced for another, and the replacement ExpressPoll tablet will be updated with the existing data from the other ExpressPoll tablets in the voting site.
			Also, a thumb drive containing the local voter database can be made readily available on-site or with a local support person, and can be reloaded onto the ExpressPoll tablet very quickly, if necessary.
RR-6: *Local voter database* replica consistency.	29	Yes	All ExpressPoll tablets used within a jurisdiction can contain a voter database that includes all voters in the jurisdiction or the entire state. This common jurisdiction-wide or state-wide database enables the database to be loaded onto any ExpressPoll tablet used within the jurisdiction. Once the jurisdiction-wide database information is loaded onto the tablet, the specific voting location is designated during the log-in process and the tablet becomes specific to the respective voting site. This voting site designation enables only voters assigned to the specific voting site to receive a standard ballot.
RR-7: Operational consistency.	29	Yes	ExpressPoll tablets at a polling location operate as part of a peer-to-peer network within a wireless local-area network (LAN). All audit information and activity, including voter credit information, is

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			synchronized with all other ExpressPoll tablets connected to the LAN.
RR-8: Environmental robustness.	30	Yes	The ExpressPoll system has been stored and deployed in a wide range of environmental conditions. The system is designed to operate in the following environmental conditions: **Operating** Temperature: 5° to 35°C Relative humidity: 20 to 80% **Non-Operating** Temperature: -20° to 60°C Relative humidity: 10 to 90%
SR-1: *EPBS* must prevent injury or damage.	30	Yes	The tablet is designed for frequent use. The ExpressPoll tablet's solid state architecture provides extremely reliable data storage performance. When the tablet is in the carrying case, it is protected in custom-cut foam pockets, allowing the case to absorb the normal shocks of loading, unloading, and stacking of the cases. The ExpressPoll carrying case has rounded edges and can be transported by poll workers of all ages. The carrying case includes a security tag port which can support the use of plastic or wire security tags. Security labels can be used on the carrying case as well.
SR-2: Isolation from other electronic election systems.	30	Yes	All ExpressPoll tablets can be run in isolation or they can be configured to talk to each other through a wireless router or

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			hotspot. The connected devices create a small internal and isolated LAN environment that is dedicated only to the ExpressPoll tablets.
SR-3: Restricted access and communications.	31	Yes	A user ID and password are required to activate the ExpressPoll. If desired, two passwords from separate poll workers can be required for system log-in. A separate password is required to access supervisor functions. This password can be required on any button displayed on the ExpressPoll, allowing the user to customize the interface to exclude poll workers from certain functionality, such as canceling an issued ballot or issuing a Provisional Ballot. A Central Administrator card and PIN are required to access the administrative functions of ExpressPoll. The election official's or poll worker's user ID and password provide access to accomplish specific tasks in the system. Every log-on attempt generates an audit log event. When a poll worker logs into the Launch ExpressPoll software, the system is in the "kiosk mode" which means the poll worker(s) does not have access to other areas of the tablet. Only the ExpressPoll voter validation software application can be accessed by the poll worker. Wireless networking used with the ExpressPoll system can be encrypted using encryption up to AES-256.
SR-4: Eavesdropping attack prevention.	31	Yes	To ensure the privacy and security of all data on the ExpressPoll, including audit logs, data can be encrypted using industry standard algorithms, each of which

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			supports Advanced Encryption Standard (AES)-256 and AES-128 encryption keys that adhere to Federal Information Processing Standards (FIPS) 140-2 standards using the RSA BSAFE Library with Elliptic Curve Digital Signature Algorithm (ECDSA) - Certificate 1058.
SR-5: Man-in-the-middle attack prevention.	31	Yes	All communication to and from the wireless devices are done using encrypted data with 256-key encryption.
SR-6: Replay attack prevention.	31	Yes	To ensure the privacy and security of all data on the ExpressPoll, including audit logs, data can be encrypted using industry standard algorithms, each of which supports Advanced Encryption Standard (AES)-256 and AES-128 encryption keys that adhere to Federal Information Processing Standards (FIPS) 140-2 standards using the RSA BSAFE Library with Elliptic Curve Digital Signature Algorithm (ECDSA) - Certificate 1058.
SR-7: Imports restricted to **HIR-1** (USB port).	31	Yes	The ExpressPoll system is designed so the import of data is restricted to only the use of the unit's USB port.
SR-8: HIR-1 (USB port) restrictions.	31	Yes	Only software qualified by ES&S is allowed to run on the device. Other workstations in the solution will be configured to use antivirus and anti-spyware software to guard against malicious software.
SR-9: File format verification.	32	Yes	The ExpressPoll system can be configured to only accept an imported file in the format specified in DOCR-16.
SR-10: File authenticity verification.	32	Yes	To ensure the privacy and security of all data on the ExpressPoll, including audit logs, data can be encrypted using industry standard algorithms, each of which supports Advanced Encryption Standard

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			(AES)-256 and AES-128 encryption keys that adhere to Federal Information Processing Standards (FIPS) 140-2 standards using the RSA BSAFE Library with Elliptic Curve Digital Signature Algorithm (ECDSA) - Certificate 1058.
SR-11: Signed exports.	32	Yes	To ensure the privacy and security of all data on the ExpressPoll, including audit logs, data can be encrypted using industry standard algorithms, each of which supports Advanced Encryption Standard (AES)-256 and AES-128 encryption keys that adhere to Federal Information Processing Standards (FIPS) 140-2 standards using the RSA BSAFE Library with Elliptic Curve Digital Signature Algorithm (ECDSA) - Certificate 1058.
SR-12: Use by account holders only.	32	Yes	The ExpressPoll is defined to require entry of a consolidation name, username and jurisdiction defined password to activate the software and load the election data. Dual password entry is also an option with the system. Once a poll worker (s) logs into the Launch ExpressPoll software, the system is in the "Kiosk Mode", which restricts poll workers from entering other areas of the tablet.
SR-13: User roles.	32	Yes	The role-based user management allows the state or jurisdiction to determine what level of access each user has based on the settings in the system. A variety of access levels are available with the system which can be selectively assigned to designated system functions. As an example, the ability to un-validate a voter if a junior/senior issue should occur could require a precinct manager to enter a PIN

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			number in order to access this functionality.
SR-14: Access to **UI-1** (authorized EPBS user interface).	33	Yes	Entry to the ExpressPoll tablet is secured with log-in and password protection. In fact, dual log-in protection can be provided if preferred. Once a poll worker logs into the ExpressPoll tablet, the poll worker is restricted from using other software on the tablet, as logging into the system and touching the Launch ExpressPoll icon places the tablet into the "Kiosk Mode" which disallows poll workers from accessing other areas of the tablet. They are restricted to only using the ExpressPoll application. Selected areas of the ExpressPoll software can be protected using a password, so capabilities such as re-validating a voter if they receive an incorrect ballot style or reopening the polls after the polls close can only be accessed by a poll manager with the correct credentials.
SR-15: Access to **UI-2** (configuration interface).	33	Yes	Please see previous response.
SR-16: Access to **UI-3** (diagnostic interface).	33	Yes	Please see previous response.
SR-17: Access to **UI-4** (administrative interface).	33	Yes	Please see previous response.
SR-18: Access to **UI-5** (*local voter database*).	33	Yes	Please see previous response.
SR-19: File integrity verification	34	Yes	The file creation for the ExpressPoll tablets can be accomplished by requiring encryption that will add to the integrity of the files and require verification when used.

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
SR-20: Tamper evident cases.	34	Yes	The ExpressPoll carrying case is designed to provide security and durability. Security tags or seals can be placed on the ExpressPoll unit's storage case. A security tag port is located where the case lid closes, providing a location where wire or plastic security tags can be placed.
UIR-1: Ballot clerk and Supervisor of the checklist interface.	18	Yes	When a ballot clerk or supervisor of the checklist begins the process of validating a voter by scanning the bar code on their driver's license or typing a few letters of the voter's name on-screen, the ExpressPoll will initially search precinct information to locate the voter's information. If the voter is found in the precinct, the poll worker will validate the voter using the procedures and instructions provided by the ExpressPoll unit. Voter information that is available to the ballot clerk and supervisor of the checklist on the ExpressPoll includes: • Voter Name • Voter Address • Date of Birth • Voter Status (Active/Inactive, etc.) • Ballot Issued Status • Identification Required Status • Precinct • Party • Voter Identification Number

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			• Social Security Number • Affidavit Number • Driver's License Additional fields specified by the state can be added to the Voter Identification page. Poll workers can edit certain information on the ExpressPoll database, including the voter's voting participation flag, voter's status, information on whether an ID was provided, information on whether an Early Voting Ballot was submitted or surrendered, and information indicating a voter's change of address. The state or jurisdiction can determine which fields are editable and can password protect the edit process to prohibit unauthorized changes to the voter records.
UIR-2: Configuration interface.	18	Yes	The ExpressPoll system is designed to allow the state or jurisdiction to independently set up, operate, and maintain the system. We will train your election staff members to provide the most efficient voter validation and check-in system possible. You will be able to accomplish these processes through ES&S training. We base our core training curriculum on more than 35 years of experience in implementing new voting systems. We then structure our coursework to meet the unique needs of your jurisdiction. Many ExpressPoll customers assume in-house set up, operations, and maintenance. Because of our experience, we have the knowledge to equip your electronic

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			pollbook system to meet the State election requirements.
			Usually, the first step in implementing the ExpressPoll system in a state or jurisdiction includes the development of the interface between the state's voter registration system and the ExpressPoll BridgePoint data conversion software.
			Prior to each election, data from the New Hampshire voter registration system is entered into the ExpressPoll BridgePoint software, and this data is converted into a format that can be quickly loaded onto the ExpressPoll tablets.
			Each ExpressPoll tablet can contain the voter database for the entire state or the respective jurisdiction. Once the entire database is loaded onto each tablet, a consolidation or voting location number is assigned to each tablet, so when initials of a voter's name are initially entered on the ExpressPoll screen, names of voters only assigned to the respective voting location will appear on the screen.
			If a voter's name is not found during the initial voting location search, the search criteria can be expanded to a citywide search by touching a single icon on the screen. If the voter's name appears during the citywide search, a map and the address of the voter's correct voting location can be presented and printed for the voter.
			Every aspect of what is presented on-screen to a poll worker for each event is customizable. Nearly every ExpressPoll screen features an instructions text box that can be customized to provide instructions to the poll worker using the system. Status text, warning messages,

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			information grids, tab names, screen names and button names also can be customized to suit your needs. Specific ExpressPoll functions can be protected with personal identification numbers (PINs), allowing you to further direct your poll workers' actions without the need for separate printed instructions. During system installation, ES&S will collaborate with the state to determine which procedures, instructions, and terminology you want included on ExpressPoll screens. The capability to customize the system to meet your unique requirements sets the ExpressPoll system apart from its competitors. Because instructions and procedures use verbiage familiar to the state poll workers, training is simple, and they will quickly become familiar with the system.
UIR-3: Diagnostic interface.	18	Yes	The ExpressPoll software maintains a complete audit log of all ballots issued and other significant activity by authorized users. This log is stored on both the removable micro-SD memory card and on each tablet's internal solid state memory. The audit log includes all voter history data, including name and address information. It also includes the voter identification number, time, date and place of voting, party, and type of ballot issued, such as standard or provisional. When the transaction records from the ExpressPolls have been processed, the audit log can be viewed, printed, and exported.

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
UIR-4: Administrative interface.	19	Yes	The ExpressPoll system can manage all system users. The BridgePoint system is used to determine and define the administrative status of system users. Once determined, this information is downloaded onto each ExpressPoll tablet.
UIR-5: Local voter database interface.	19	Yes	ES&S developed BridgePoint, our data conversion software application and administrative software, to interface with election management and voter registration systems used throughout the country. BridgePoint will be used to import data from the local voter database and generate an election database to be installed on the jurisdiction's ExpressPoll devices.
			Voter registration data will be converted into a data format that can be loaded onto the ExpressPoll tablets. The state or jurisdiction then will transfer the data to a thumb drive and insert the thumb drive into the micro-USB port on the side of the ExpressPoll tablet.
			Minimal activity on the ExpressPoll screen will cause the converted voter registration data to be loaded onto the tablet in a matter of seconds. The length of time it takes to load each tablet with converted voter registration data is determined by the amount of data to be loaded onto the tablet.
			The ExpressPoll tablet can print the full voter list.
			At the close of the election, transactions received on the server will be processed in BridgePoint. Voter history data will be exported to files that can be imported back into the SVRS voter database.

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
UR-1: Ease of use.	36	Yes	The ExpressPoll system is the easiest and most intuitive electronic pollbook for poll workers to set up in a voting location. With over 28,000 ExpressPolls in use throughout the country, poll workers of all ages have found the ExpressPoll system extremely easy to use. System instructions and icon text can be modified by the state or jurisdiction to meet your specific requirements. Also, since the instructions can be modified, it enables existing verbiage from a jurisdiction's previous training classes to be included into the design of the ExpressPoll system. This capability makes the transition from a paper pol book to an electronic poll book a much easier process, as the poll workers see instructions and verbiage with which they are already familiar.
			With the ExpressPoll system there is no stand to piece together, reducing the number of actions required by the poll workers. The ExpressPoll has been designed to dramatically simplify system set-up, so the system set-up process is extremely easy for poll workers to complete in a very short period of time. This ease of system set-up will dramatically reduce the number of telephone calls from voting locations on Election Day morning.
			Once the ExpressPoll unit is plugged into AC power and turned on, a screen appears with a button to launch the ExpressPoll software.
			The poll worker next verifies that the ExpressPoll unit is being used in the correct voting site. A map and address of the polling site programmed into the

Title and Identifier	Page Number	Compliance: Yes/No	Comments on Potential Requirement
			ExpressPoll can be presented on-screen. If the precinct information presented is correct, the poll worker simply touches the OK Correct Voting Site button and the system will present the Manage Polls screen, which allows the poll worker to verify that no voters have been validated in the system before the polls are opened. The poll worker also opens the polls from this screen by touching the Open Polls button. The internal audit trail records every activity on the system, including when the polls were opened (and closed). The audit trail provides poll worker user information. This log-in information reveals the names of people performing the tasks. After the polls are opened, the poll worker selects the Search for Voters button, allowing a poll worker to easily enter letters of each voter's first and last name or scan a driver's license to validate each voter. This screen will be used for the rest of the voting process to validate voters. The ExpressPoll system has been used in hundreds of jurisdictions with poll workers of all ages, and the response of poll workers has been overwhelmingly positive.

UNIVERSAL VOTING SYSTEM

ExpressVote®

THE ES&S EXPRESSVOTE HANDLES IT ALL.

The ExpressVote Universal Voting System combines paper-based voting with touch screen technology to create an innovative breakthrough in voting solutions.

Used in early vote centers and on Election Day in precincts or vote centers, the ExpressVote handles the entire ballot-casting process. Election officials no longer have to guess the number of ballots to print — instead, an inexpensive Vote Session Activator™ card determines the ballot style presented on the touch screen.

ExpressVote can serve every eligible voter, including those with special needs. As a fully compliant ADA (Americans with Disabilities Act) voting solution, ExpressVote enables each voter to cast his or her ballot independently.

2015.3.17

Choose Leading-edge Technology

KEY FEATURES

VOTE SESSION ACTIVATOR

The voter receives a voting session activator card to begin the process. Election officials can choose from three options:

- If only one ballot is programmed for the election, a blank card activates the ballot.
- If the election has multiple ballots, a blank card requires a poll worker to select the correct ballot for the voter.
- If the election has multiple ballots, a card with an activation barcode displays the correct ballot for the voter.

CASTING OPTIONS

The ExpressVote enables casting options. Voters can:

- Manually place ballots in the DS200 for scanning and tabulating.
- Use AutoCast® to place ballots into a secure container for later tabulation by an election official, who may use the DS850 central scanner and tabulator.

VERIFIABLE PAPER RECORD

After all selections are made, a human- and machine-readable paper record is produced, including text and an optical scan barcode. All votes are digitally scanned for tabulation on ES&S' DS200 and DS850 devices.

EASY TO SET UP AND USE

The one-step startup and poll-closing procedure makes the ExpressVote an ideal device for poll workers. The intuitive design offers streamlined simplicity for all voters, poll workers and election staff. The paper card is the vote session activator – there is no expensive technology to manage or program. The ExpressVote is small, lightweight at less than 20 pounds, and easy to carry.

CONTROLLED AND REDUCED COSTS

Traditional ballot printing costs can be reduced significantly by eliminating the need and expense for pre-printed paper ballots. With low operation and maintenance fees, budgeting for recurring expenses with the ExpressVote is easy. The system does not use ink, toner, or paper rolls and consumes 70 percent less paper than traditional ballots.

INNOVATIVE DESIGN

Complete and total independence is maintained while voters cast their own records. Voters review a summary page and can make changes before casting ballots. A voter's selection changes will not spoil the voting session. The system produces a verifiable paper record for each voter that is digitally scanned for tabulation. ExpressVote neither stores nor tabulates vote counts. The system is secure – the election definition media device is protected in a locked environment.

ELECTRONIC POLLBOOK

✓expressp•ll.

THE FUTURE OF POLL PLACE VOTER MANAGEMENT NOW FITS IN YOUR HANDS.

The ExpressPoll® system gives election poll workers a simple-to-operate voter check-in device that slashes waiting time for voters, increases the accuracy of voters' personal information, and improves the Election Day experience for voters and poll workers alike.

Our popular electronic pollbook software, EZRoster, runs on low-cost touch-screen tablets using the Windows® operating system, giving poll workers an intuitive, easy-to-understand user interface that's similar to the digital devices they use in their everyday lives.

Gone are the days of many external peripheral devices needed to check in voters. Instead, devices such as a signature pad and barcode reader are built right into each tablet, making the devices easy to use and set up. The ExpressPoll can also be integrated with multiple tabulation devices to provide a complete voter check-in solution and ensure the correct ballot style is issued.

ver. 2
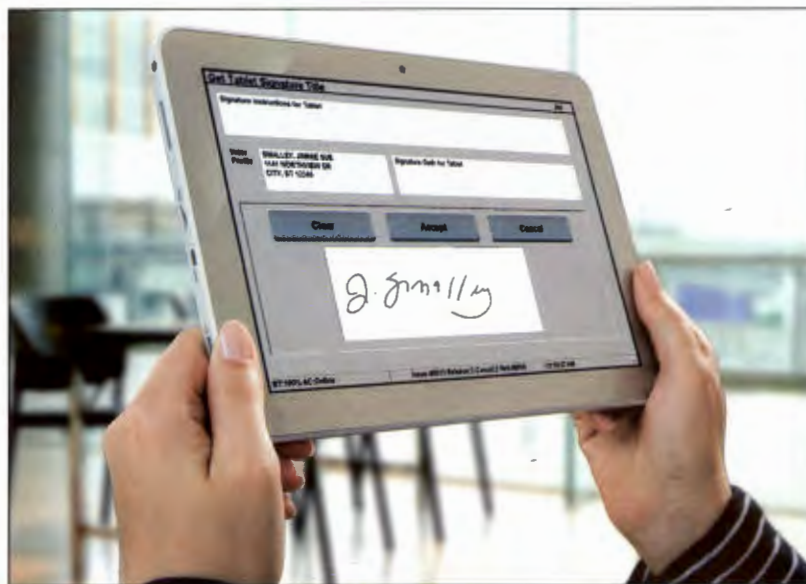
A LOW-COST POLL PLACE MANAGEMENT SOLUTION

BUILT-IN PERIPHERALS

Poll workers scan barcodes with the tablet's built-in camera and capture voters' signatures on the unit's touch screen, eliminating the hassle of extra cords connected to external peripherals and slashing costs. The end result is a device that's easy to set up and operate.

REDUNDANT DATA STORAGE

The ExpressPoll tablet offers "redundant" integral data storage, ensuring that voter validation information can be retrieved following each election. Data is stored in solid state internal memory and on a microSD card installed in the tablet. If one of these storage areas experience any issue, data can be easily retrieved from the other data storage location.

FASTER VOTER HISTORY UPLOADS

After an election, voter history is uploaded directly from the ExpressPoll unit, dramatically slashing upload times and enabling faster updates to the voter registration system.

WORKS WITH THE EXPRESSPOLL-5000®

Are you a current ExpressPoll-5000 customer? Our new ExpressPoll tablets can seamlessly be added to your existing system. Both solutions use the same EZRoster software, database and resource file to provide the same user experience.

SMALL AND LIGHT

Unlike laptop computers and older tablet technology, the ExpressPoll tablets are compact, light and easily transported and set up.

ROBUST EZROSTER SOFTWARE AND CONNECTIVITY

- Supports same-day registration
- Helps reduce provisional voting by providing up-to-date absentee status or directions to a voter's correct polling location
- Displays on screen instructions, giving poll workers information and the confidence to serve all voters
- Connects wirelessly using connectivity available in polling places to sync across all pollbooks, in all locations, securely

FULLY INTEGRATED SOLUTION

- Communicates seamlessly with our data conversion software
- Shares real-time data with our CentralPoint® web application, enabling election administrators to manage poll locations like never before
- Integrates with ExpressVote,® iVotronic,® Balotar,® AccuVote-TS® and AccuVote-TSX® voting systems for a powerful election management system

EXPRESSVOTE®   **BALOTAR®**   **CENTRALPOINT®**

EASILY VERIFY VOTERS BY ADDRESS, PHOTO, AND SIGNATURE