ESTEP ePollBook Certification Modification Test Plan – As Run v3.0 KNOWiNK Poll Pad v4.3.2

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Prepared for:

Manufacturer Name	*KNOWiNK*
Product Tested	*Poll Pad v4.3.2*
EAC Application No.	*KNO-EPB-PP-4.3.2*
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Accredited by the Election Assistance Commission (EAC) for Selected Voting System* and Election Technology *Test Methods or Services

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Revision History

Date	Release	Author	Revision Summary
6/11/2026	1.0	*M. Santos*	Initial Release
6/26/2026	2.0	*M. Santos*	Updated for EAC comments, added additional changes for ePulse, moved table to an appendix
6/30/2026	3.0	*M. Santos*	Added Epson thermal printer, removed modification not applicable to Poll Pad.
8/24/2026	As-Run	*M. Santos*	Updated to reflect as run
9/3/2026	As-Run v2	*M. Santos*	Updated for EAC comments
10/21/2026	As-Run v3	*M. Santos*	Updated for EAC comments

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1 INTRODUCTION

This Election Supporting Technology Evaluation Program (ESTEP) Test Plan outlines the test approach SLI Compliance will follow when performing testing on the ***KNOWiNK Poll Pad v4.3.2*** against the Election Assistance Commission Voluntary Electronic Poll Book Certification Requirements (VEPBCR) v1.0. The purpose of this document is to provide a clear understanding of the work SLI Compliance will conduct and a detailed plan outlining the test effort.

When the testing is complete, SLI Compliance will submit a test report that details all test results and findings from the test effort, as well as a recommendation to the EAC.

1.1 References

The following key documents were used in preparing this test plan.

1. Election Assistance Commission Voluntary Electronic Poll Book Certification Requirements (VEPBCR) v1.0, April 8, 2024
2. NIST Handbook 150: 2020
3. NIST Handbook 150-22: 2021
4. Election Supporting Technology Evaluation Program Manual Version 1.0, April 8, 2024
5. SLI Compliance VSTL Quality System Manual, v4.4, prepared by SLI Compliance, dated July 21, 2025

1.2 Terms and Abbreviations

The following terms and abbreviations will be used throughout this document:

Table 1 – Terms and Abbreviations

Term	Abbreviation	Description
Build Environment	N/A	The disk or other media that holds the source code, compiler, linker, integrated development environments (IDE), and/or other necessary files for the compilation and on which the compiler stores the resulting executable code.
Commercial Off the Shelf	COTS	Any software, firmware, device, or component that is used in the United States by many different people or organizations for many different applications other than certified election-supporting technologies and that is incorporated into the election-supporting technology with no specific modification.

Term	Abbreviation	Description
Election Assistance Commission	EAC	An independent, bipartisan commission created by the Help America Vote Act (HAVA) of 2002 that operates the US government's voluntary voting system certification program.
Electronic Poll Book	EPB	The total combination of mechanical, electromechanical, and electronic equipment (including the software, firmware, cloud-based storage systems, and documentation required to program, control, and support the equipment) used to store and retrieve voter registration information, verify voter eligibility, and record voter activity at polls. EPBs may also allow voter registration records to be created and updated, assign voters to ballot styles, redirect voters to correct voting locations, provide voter turnout information to election officials, produce reports for election observers, and perform other tasks as permitted or required by local law.
Election Supporting Technology	EST	Any electronic machine, piece of equipment, or software package, other than a voting system, designed to streamline the voting experience. Includes electronic poll books, voter registration systems, election night reporting databases, and electronic ballot delivery systems. May also include emerging systems not previously evaluated or certified by an accredited Voting System Test Laboratory.
EAC ESTEP	Election Supporting Technology Evaluation Program	A department within the EAC, that is tasked with establishing requirements and guidelines specific to election technologies includes electronic poll books (EPBs), electronic ballot delivery (EBD) systems, election night reporting (ENR) systems, and voter registration (VR) systems.
Hash Algorithm	Hash	An algorithm that maps a bit string of arbitrary length to a shorter, fixed-length bit string. The hash algorithm used for the EAC Program is the Secure Hash Algorithm (SHA-2) specified in Federal Information Processing Standard (FIPS) 180-4.
National Institute of Standards and Technology	NIST	A non-regulatory federal agency within the U.S. Dept. of Commerce. Its mission is to promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve quality of life.

National Voluntary Laboratory Accreditation Program	NVLAP	A division of NIST that provides third-party accreditation to testing and calibration laboratories.
Request For Information	RFI	A means used by testing laboratories and manufacturers to request that the EAC provide an interpretation of a technical issue related to testing of voting systems and election support products.
Requirements Matrix	N/A	A matrix that traces the applicable requirements to the various test modules and test methods.
Technical Data Package	TDP	The data package supplied by the vendor, which includes List of accessibility capabilities, Device capacities and limits, Coding convention, Functional diagrams, List of client jurisdictions, and Training materials.
Voting System Test Lab	VSTL	An independent testing organization accredited by NVLAP and the EAC to conduct voting system testing for EAC certification.
Voting Test Engineer	VTE	An SLI Compliance employee who has been qualified to perform EAC voting system testing.

1.3 Project Schedule/Testing Responsibilities

The following project schedule contains owner assignments and identifies test procedure (module) development, test case (suite) development, 3rd party tests, and EAC and Manufacturer dependencies.

1.3.1 Project Schedule

The subsections below describe the project schedule.

Activity	Start Date	Finish Date
Test Case/Suite Development	6/15/2026	6/26/2026
Test Execution	6/29/2026	8/20/2026
Test Report to EAC	8/26/2026	8/31/2026

1.3.1.1 Owner Assignments

Test Manager Michael Santos is responsible for oversight and approvals for this test campaign. Work is conducted by SLI's trained and authorized Test Engineers.

- System analysis and review will be conducted by Source Code Review, Security and Voting Test Engineers, with oversight by the Test Manager
- Source code review will be conducted by Voting Test Engineers (Source Code Review Specialists), with oversight by the Test Manager
- Documentation review will be conducted by Security and Voting Test Engineers, with oversight by the Test Manager
- Test module development will be conducted by Security and Voting Test Engineers, with oversight by the Test Manager
- Test suite development will be conducted by Security and Voting Test Engineers, utilizing SLI Compliance's formal test methods, with oversight by the Test Manager
- Formal test execution will be conducted by Security and Voting Test Engineers, with oversight by the Test Manager

1.3.1.2 Test Module Development

Test modules will be developed to provide detailed test steps. The modules are defined at a basic level in SLI Compliance's formal test methods and are designed for use in any suite that employs their functionality. This reusability reduces the development time associated with creating test procedures. The test modules will provide traceability to SLI Compliance's formal test methods, as well as the EAC requirements. This is done by listing the test method name, and each requirement addressed, in the module.

1.3.1.3 Test Suite Development

The test suites will contain multiple test modules providing clear and traceable test scripts and key information. As needed for the product under test, various configurations will be identified within the suites. Potentially, variations of the same suite may be run multiple times in order to verify different configurations.

1.3.1.4 Formal Test Execution

Formal execution of the approved test suites and modules will be conducted to verify the product's compliance with the applicable requirements.

1.3.1.5 EAC & Manufacturer Dependencies

The Test Plan will require EAC approval prior to finalization.

KNOWiNK will be required to provide all source code, documentation, equipment and supporting materials identified as part of the product under test.

The source code must have all discrepancies resolved and the components must pass operational status checks prior to formal test execution.

In addition, **KNOWiNK** is required to provide training on the product and support throughout the life of the project.

1.4 Scope of Testing

1.4.1 Product Overview

The **KNOWiNK Poll Pad v4.3.2** ePB system consists of ePulse, an election management suite designed to give administrators real-time access to monitor their election as a whole, and Poll Pad, a solution that provides electronic voter check-in and verification processes for election authorities

ePulse is an election management suite designed to give administrators real-time access to monitor their election as a whole. All Poll Pads connect to this central hub where voter check-in data is securely transferred via WiFi or cellular networks in near real time. This tool allows for administrators to oversee the operation of individual precincts and Poll Pads including battery life of the device, average check-in times, number of ballots issued or spoiled; all the while ensuring the election authority can directly contact poll workers via video or text message for trouble resolution.

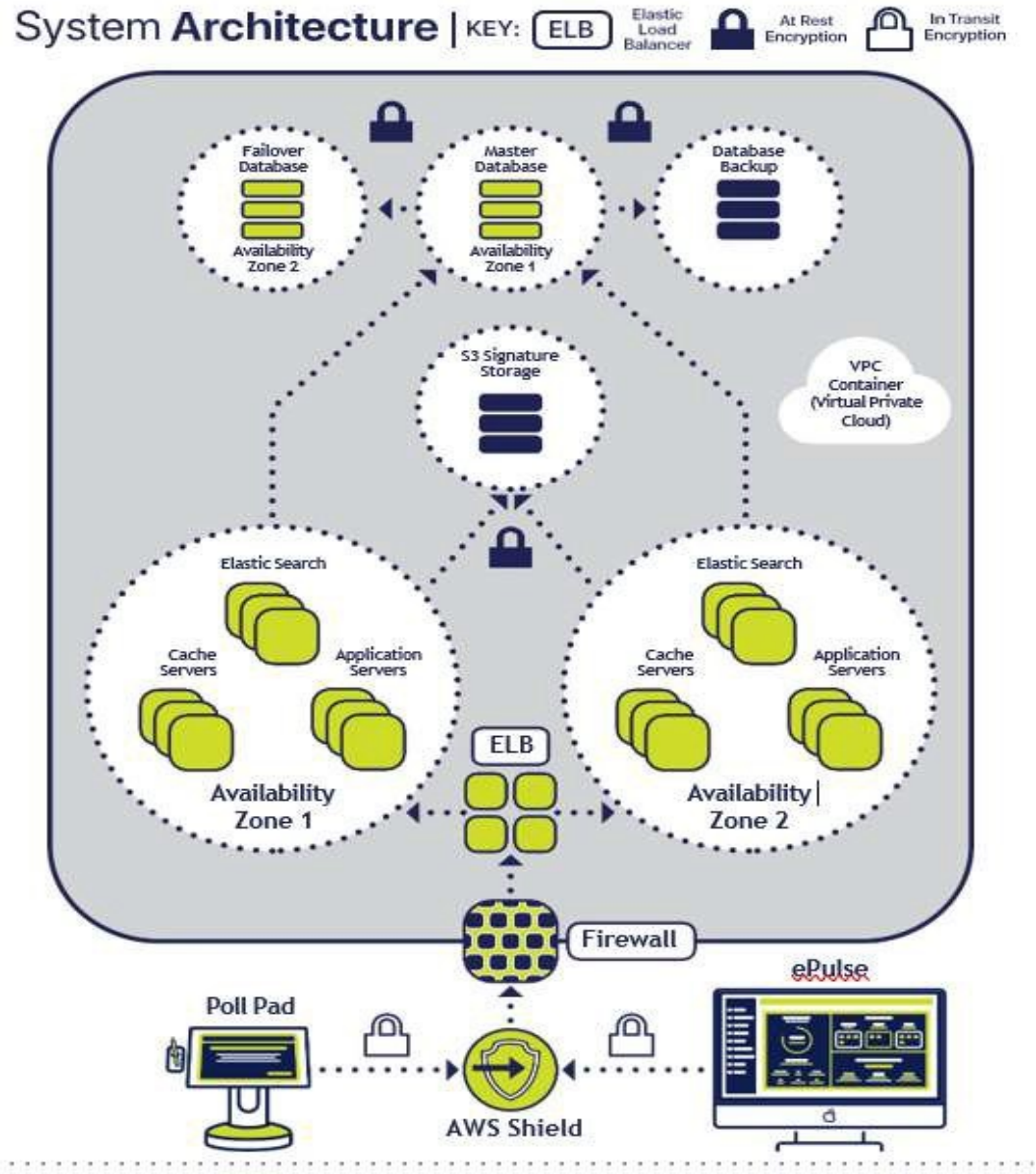
The Poll Pad solution provides an electronic voter check-in and verification process. All Poll Pads connect to the ePulse central hub where voter check-in data is securely transferred via Wi-Fi or cellular networks in near real time.

Cisco Meraki is used by KNOWiNK Poll Pads in two ways, to provide Wi-Fi access for the Poll Pads to download election files, Poll Pad data, iOS updates and application (app) updates. Also, MDM (Mobile Device Management): allows KNOWiNK and election administrators to control, secure and enforce policies on Poll Pads, and manage apps, including the Poll Pad app.

Mosyle Fuse provides unified Mobile Device Management (MDM) and security solutions specifically for Apple devices (macOS, iOS, iPadOS) enabling automated deployment, app management, security configuration, identity management, and monitoring to ensure devices are secure, compliant, and used appropriately.

The MDM networks are where you can manage each of your Poll Pad devices directly. From the MDM network, you are able to manage the Poll Pad app, control restrictions and device settings, remotely locate, lock and or wipe the device if it were to become lost, and control system level functions on the device such as shutdown/reboot of the device, and installing iOS updates.

1.4.2 Block Diagram



1.4.3 Modifications to Poll Pad v4.3.2

Poll Pad v4.3.2 is a modification of the EAC ESTEP certified Poll Pad v4.2.1 ePollBook.

The modifications to Poll Pad v4.3.2 address multiple aspects of the system as well as types of updates, from bug fixes to change requests to system maintenance updates. Poll Pad has had 18 modifications applied in version 4.3.2. ePulse has had 130 modifications applied in version 4.3.2.

The 148 original modifications (18 Poll Pad and 130 ePulse) are represented by 120 consolidated entries in Appendix A (17 Poll Pad and 103 ePulse)

Please see Appendix A for additional details.

2 PRE-CERTIFICATION TESTING AND ISSUES

As a modification certification, EAC ESTEP has deemed that a partial test of the Poll Pad v4.3.2 ePB be implemented. Testing will include examination of all modifications implemented by KNOWiNK into the Poll Pad v4.3.2 system, regression testing of the system to verify that all major components continue to perform as expected, as well as verification that all ”VEPBCR” requirements pertinent to any modification. See section 4.1 Applicable Requirements, for additional requirement detail.

2.1 Evaluation of prior VSTL testing

As a modification certification, EAC ESTEP has deemed that it is acceptable to leverage testing performed for the KNOWiNK v4.3.2 CA test campaign. As a result, the primary focus is on examination of implemented modifications and any potentially affected related system functionality.

2.2 Evaluation of prior non-VSTL testing

No prior non-VSTL testing is considered for this KNOWiNK v4.3.2 test campaign.

2.3 Known Field Issues

No Known Field Issues have been reported for previous Poll Pad versions.

3 MATERIALS REQUIRED FOR TESTING

Any materials used in an election cycle must be provided to SLI Compliance to facilitate testing. This section outlines such materials.

3.1 Software/Firmware

All software and firmware used in the election to support Poll Pad v4.3.2, whether directly or indirectly, in a production environment must be validated during the testing process.

The following software/firmware is required for the execution of hardware, software, security, accessibility, and usability tests. This includes all supporting software such as operating systems, compilers, assemblers, application software, firmware, any applications used for burning of media, transmission of data or creation/management of databases.

3.1.1 Poll Pad Software/Firmware

The following software/firmware is required for execution of the system.

Table 2 – Poll Pad v4.3.2 Software/Firmware

Component	Version
Poll Pad	4.3.2
ePulse	4.3.2
iSYNC Drive	iSD-110
iOS 26.5	26.5, 26.5.1
iOS 26.6	26.6, 26.6.1
iOS 18	18.7.9

3.2 Poll Pad v4.3.2 Hardware and Equipment

The following equipment is required for execution of the system. This includes hardware, general purpose data processing and communications equipment, and any test instrumentation required.

Table 3 – KNOWiNK Poll Pad v4.3.2 Hardware

ITEM	MAKE	MODEL	DESCRIPTION
iPad / iPad	Apple	iPad Gen 7(iOS 18 only) iPad Gen 8 iPad Gen 9 iPad Gen 10 iPad Gen 11	The iPad has a touchscreen/keyboard and a shockproof clear case. The iPad has a battery life of approx. 10 hours.
Encoder/iOS Reader	FEITAN	iR301	The Mfi certified lightning port contact card reader connects securely to the iPad lightning

USB-C Encoder/iOS Reader	KNOWiNK	iR301-UD-C	The Mfi certified USB-C port contact card reader connects securely to the iPad USB-C Port
USB-C Encoder Hub	KNOWiNK	PPHUB1	Hub to connect USB-C encoder and power to iPad
iSync Drive	KNOWiNK	iSD-110	KNOWiNK's secure proprietary removable memory device, the iSync flash drives
Stand for iPad	AI Data	i360	The iPad stand is durable and user friendly.
Flip Stand for iPad	KNOWiNK	65101	Flip Stand for Poll Pad and Star mC-Print3 printer
No Printer Flip Stand for iPad Stand	KNOWiNK	65103	Flip Stand for Poll Pad for customers who do not use a printer
Kiosk Stand Folding Flip Stand	KNOWiNK	65109	Designed to support the bidirectional pollworker-to-voter rotation used during the Poll Pad voter check-in workflow, including on-screen voter signature capture.
Scanning tray	KNOWiNK	ISP103B- KN2-1	KNOWINK'S patented scanning trade scans barcodes on voter ID cards or state identification cards.
Styluses	AI Data	ISP-1010- KNO	Poll workers and voters may use the styluses or their finger for the iPad's capacitive touch screen.
Carrying case	Nanuk	910	14.3" x 11.1" x 4.7" Shockproof weatherproof foam-fitted case.
Carrying case	Nanuk	918	16.9" x 12.9" x 9.3" Shockproof weatherproof foam-fitted case.
Carrying case	Nanuk	920	16.7" x 13.4" x 6.8" Shockproof weatherproof foam-fitted case.
Carrying case	Nanuk	925	18.7" x 14.8" x 7" Shockproof weatherproof foam-fitted case.
Thermal printer	Star Micronics	TSP650ii	The Star Micronics printer is the original printer used with KNOWiNK's system. This printer requires AC power.
Thermal Label printer	Star Micronics	TSP700II	The Star Micronics thermal label printer is used to generate labels. This printer requires AC power.
			New Star Micronics Thermal Receipt printer for printing voter receipt tickets with Bluetooth

Thermal Printer	Star Micronics	mC-Print3 MCP31CBi	Connectivity
Thermal Printer	Star Micronics	mC-Print3 MCP31Ci	New Star Micronics Thermal Receipt printer for printing voter receipt tickets
Thermal Printer	Bixolon	Printer: SRPQ302BtK Printer Battery: SRPQ300B	80mm thermal printer with USB/Ethernet/Bluetooth interfaces
Mobile Thermal Printer	Star Micronics	SM-S230i	Star Micronics mobile battery-operated thermal receipt ticket printer for printing voter receipt tickets for curbside voting.
Thermal Printer	Epson	TM-L100	Thermal Receipt printer for printing voter receipt tickets
Mobile Thermal Printer	Brother	PJ763MFI	Optional Full Size Thermal Printer for printing ballot barcodes
Mobile Thermal Printer	Brother	PJ863MFI	Optional Full Size Thermal Printer for printing ballot barcodes
Mac Mini (Optional)	Apple	MMFJ3LL/A	Mac Mini used to load Apple Configurator and download iOS updates to install on connected Poll Pads. (Optional for Poll Sync)
Thundersync (Optional)	Cambrionix	X2 | ThunderSync 3-16	Sync hub used to connect Poll Pads to Mac Mini to install iOS/App Updates
Mobile Router	Cradlepoint	IBR600-LPE	WAN router with an embedded modem designed for critical business and enterprise applications.

3.3 Test Materials

The following test materials are required for the performance of testing including:

- Printer paper

4 TEST SPECIFICATIONS

The following are the specifications for testing to be conducted on the **KNOWiNK Poll Pad v4.3.2**. The specifications contain details on the focus of testing, configuration(s), and the functions to be tested.

4.1 Applicable Requirements

The **KNOWiNK Poll Pad v4.3.2** will be tested for compliance to applicable EAC ESTEP VEPBCR requirements.

Applicable requirements applied to this testing effort are verified against **KNOWiNK Poll Pad v4.3.2**, including ePulse backoffice application, as noted in the table in "Appendix A – Modification to Requirements Listing".

Hardware Configuration

The **KNOWiNK Poll Pad v4.3.2,** as declared in the application for certification submitted to the EAC consists of the components listed in Table 3 – KNOWiNK Poll Pad Hardware, in section 3.2 above. Configurations tested will include each of the supported iPads, as listed.

4.2 Source Code Review

The test campaign for the **KNOWiNK Poll Pad v4.3.2** includes software and firmware that have been created as proprietary to **KNOWiNK** as well as review of any commercial off the shelf products. SLI Compliance will conduct a source code review of all modified proprietary source code, and any modified COTS products, delivered for compliance to EAC ESTEP VEPBCR requirements, including:

- 2.5.3 Utilize recognized software standards
- 2.5.4 Input validation and error defense
- 2.5.5 Escaping and encoding output
- 2.5.6 Sanitize output
- 2.5.7 Stored injection
- 2.5.8 Third-party code and libraries

The coding languages involved in the vendor's applications include:

- Ruby
- Swift

Source code review tools used by SLI Compliance include:

- Cloc Line Counter: a commercial application used to determine the counts of executable and comment lines;
- Module Finder: an SLI Compliance proprietary application used to parse module names from source code files and populate the identified module names into the review documents;
- ExamDiff Pro: a commercial application used to compare revised code to previously reviewed code; and
- Checkmarx: a commercial Static Code Analysis tool used to scan source code for compliance with applicable design, security, and best practice requirements.

4.3 EAC Interpretations

The test engagement described in this Test Plan utilizes only standard VSTL test methods that conform to the EAC Election Supporting Technology Evaluation Program Manual and the identified relevant standard.

This Test Plan and the execution of tests for the product identified in this plan do not include any additional EAC interpretations.

5 Approval Signatures

Michael Santos

Michael Santos
Director, VSTL, SLI Compliance
August 26th, 2026

Appendix A – Modification to Requirements Listing

Modification Type	High Level Description	VEPBCR 1.0 Requirements
Enhancement	Poll Worker Module redesign	1.5.5, 2.1.2, 3.1.1
New Feature	New device performance diagnostic tool	1.4.1, 1.4.2, 1.5.3
Enhancement	Vote By Mail ballot reissue workflow enhancement	1.2.2.2, 1.2.5, 1.3.1.3
Enhancement	Language Updates	3.5.1, 3.5.2, 3.5.3
New Feature	Printer Templates: New File Structure Support	1.2.5, 1.3.1.3
Enhancement	Menu and UI Improvements	3.2.9.1, 3.3.1.1-B, 3.3.1.2-A, 3.3.1.2-B, 3.3.1, WCAG 2.2.2.1
Enhancement	Numerical Field Keyboard Update	1.2.1, 1.2.2.2, 1.2.2.4, 1.2.4, 1.3.2
Enhancement	Toolbar Popover Visual Correction	1.5.5
Minor Bug	Stability improvement in Demo Mode	1.5.5
New Feature	Printing Support for Brother PJ8 Thermal Printer	1.2.5, 1.3.1.3
New Feature	Poll Worker Scheduling	1.5.5
Change Request	Add DOB to Voter Signature Page	1.2.1.4
Minor Bug	Edit Voter | Jurisdiction Details Retained After Address Navigation	1.5.5, 1.2.2.1
Minor Bug	Add/Edit Voter | Voter Name Missing on Wrong Location Screen and Receipt	1.5.5, 1.2.2.1, 1.2.2.2, 1.2.2.3
Minor Bug	Add/Edit Voter | Jurisdiction Screen Incorrectly Triggered for In-Jurisdiction Voters	1.5.5, 1.2.2.1, 1.2.2.2, 1.2.2.3
Minor Bug	Menu and Advanced Search options now consistently reflect configuration settings	1.5.5, 1.1.2.2.-B
Minor Bug	Summary Report V2 | Resolve Filtering, Counts, & Display Issues	1.1.2.2-B
Bug	Account Settings | Unable to navigate to Poll Pad Setup	1.5.5
Change Request	Add/Edit Voter: added identification options to state registration and attester workflows	1.2.2

Change Request	Audit Logs: expanded audit log coverage for administrative actions	2.6.1
Bug	Election data export: corrected first-time package generation	1.5.5
Change Request	Exporter | Check-in Signatures | Add select to export by ID options	1.5.5
Story	Exporter: added export options for a state-specific report	1.2.2
Story	Exporter: updated a state-specific voter export format	1.2.2
Change Request	Importer: added a voter eligibility option to a state-specific importer	1.2.2
Change Request, Story	Importer: added a new state voter file parser	1.2.2, 1.5.5
Story	Importer: poll worker import now restores previously removed records found in the import file	1.2.2
Change Request	Importer | Polling Place with Overrides | Add Party field to Polling Place with Overrides importer	1.2.2
Bug	Importer: corrected record timestamps for supplemental imports	1.2.2, 1.5.5
Bug	Importer: corrected processing of the final batch in large voter file imports	1.5.5
Change Request	Importer: improved performance for large voter file imports	1.2.2
Bug	Importer: corrected voter status mapping for a state-specific importer	1.2.2
Change Request	Importer: added district split options for state-specific imports and election creation	1.2.2, 1.5.5
Story	Importer: added a polling place option to a state-specific supplemental importer	1.2.2
Change Request	Importer: added polling place file support to a state-specific importer	1.2.2
Bug	Importer: updated a state-specific importer to match a revised file layout	1.5.5
Bug	Importer: resolved a file import error in a hosted environment	1.5.5
Story	Languages | Add Malay and Pashto	3.5.1
Story	Logs | Add Status Logs to Epulse	2.6.1
Story	Logs: improved logging and performance for a state-specific voter certificate feature	2.6.1
Change Request	Added an in-application link to KNOWiNK customer support resources	1.5.5
Change Request	Oaths | Create Curbside oath type	1.5.5
Story	Oaths | Create suppress oath if poll worker property	1.5.5
Change Request	Receipt Printing | Allow Poll Pad configs to be assigned to receipt templates	1.2.5
Change Request	Reporting | Add/Edit Voter Miscellaneous Customized answers report	1.5.5

Bug	Reporting: corrected oath signature images and assister fields in a combination report	1.5.5
Story	Reporting | Create Absentee ballot scanned report	1.5.5
Change Request	Reporting | Create Early Voting Turnout by Split report	1.5.5
Story	Reporting | Create report for Party Change feature	1.5.5
Bug	Reporting | Early Voting Turnout by Split report generates multiple rows	1.5.5
Change Request	Reporting | Statement of Ballots (STOB) | Various Enhancements	1.5.5
Change Request	Reporting: added a voter assistance report	1.5.5
Change Request	Reporting | Voter Change of Party | Add Change of Party oath text to report	1.5.5
Story	Reporting | Voter Oaths | Add 'Curbside' oath signature	1.5.5
Story	Reporting | Voter Turnout by Ballot Party | Export files do not match reporting display	1.5.5
Bug	Reporting: custom field oath signatures now populate in reports	1.5.5
Story	Security: authorization handling improvements	2.5.4
Story	Security: resolved third-party security vulnerabilities (CVEs)	2.5.4
Story	Security: input validation hardening	2.5.4
Bug	Security: corrected permission handling for administrative accounts	2.1.5
Story	Security: added support for an additional secured device communication configuration	2.5.4
Change Request	Security: added permission controls for an administrative module	2.1.5
Bug	Security: corrected default permission enforcement for new user accounts	1.5.5, 2.1.3, 2.1.6
Story	Security: added granular permission controls for Poll Pad screens	2.5.4
Bug	Election data packages: corrected a package generation failure	1.5.5
Bug	Election data packages: corrected status reporting when package generation fails	1.5.5
Story	Statuses: added a configuration option for absentee statuses	1.5.5
Bug	Statuses | Creating Voter Status does not save because "Show on Absentee Scanner" is neither visible nor set	1.5.5
Bug	Statuses | Hide ID Method setting not reverting to Default when "Reset to Defaults" clicked	1.5.5
Bug	Sync: corrected an error when viewing sync job details	1.5.5
Bug	Sync: corrected election data package assembly	1.5.5
Bug	Sync Engine | Correct Precincts Unassigned to Polling Places	1.5.5

Bug	Sync Engine | Dashboard | Election Day page not auto-refreshing	1.5.5
Bug	Sync Engine | Edited Voters Classified as Added Voters	1.5.5
Story	Sync Engine | Implement Force generate Sync Package button within ePulse	1.5.5
Story	Sync: improved sync job logging	1.5.5
Bug	Sync: corrected device assignment updates after imports and profile edits	1.5.5
Story	Sync: support for a new device performance diagnostic tool	1.5.5
Bug	Sync: corrected a device count display	1.5.5
Bug	Sync: corrected poll worker polling place assignment in election data packages	1.5.5
Bug	Sync: corrected inclusion of voter status reason in the initial device data package	1.5.5
Bug	Sync Engine | Remediate Address Post-Direction on Data Downsync from ePulse	1.5.5
Bug	Sync Engine | Set the edited value on voter to true for edited records sent from Poll Pad	1.5.5
Story	Sync: added configurable poll worker sign-in options	1.5.5
Story	Sync: added support for removing ballot type records	1.5.5
Bug	Sync: improved reliability when processing large voter status files	1.5.5
Story	Voters: added voter status change history	1.2.2
Bug	Voters | Custom fields not stored from Edit records	1.5.5
Bug	Sync Engine | Polling Place and Config Changes Made On Super Admin Not Applied Upon Initial Import	1.5.5
Bug	Sync: corrected date of birth retention during sync	1.2.2
Bug	Election data packages: performance and memory improvements for large elections	1.2.2, 1.5.5
Bug	Sync Engine | Polling Place And/OR Election Changes Made to Pads Selected With Check Boxes Do Not Generate Sync File	1.5.5
Bug	Sync: corrected prompt button ordering in election sync files	1.5.5
Bug	Importer: corrected an administrative device import error	1.5.5
Bug	Performance: check-in synchronization performance improvements	1.2.2
Bug	Importer: corrected absentee data field mapping	1.2.2, 1.5.5
Bug	Importer: memory optimization for supplemental voter imports	1.2.2, 1.5.5
Bug	Sync: added a configuration option for signature synchronization	1.2.2
Bug	Sync: corrected display of custom ID fields on added voter records	1.5.5

Bug	Sync: check-in synchronization reliability improvements	1.5.5
Bug	Sync: corrected sync schedule continuity	1.5.5
Bug	Poll Worker Sign-Ins report: auto checkout filter inaccurate after pad sync post auto sign-out	1.5.5
Bug	Poll Worker Sign-Ins: pad sync attaches sign-out signatures to auto checkout records after bulk auto sign-out	1.5.5
Bug	Sign-on: corrected a single sign-on configuration error	1.5.5
Bug	Election Creation | 'Transfer all pads' does not assign account's pads to the newly created election	1.5.5
Bug	Updated system monitoring configuration	1.5.5
Bug	Oaths disappearing from Poll Pad App	1.5.5
Change Request	Exporter: added party to a state-specific voter history report	1.5.5
Change Request	Add/Edit Voter: added a residency identification option for a jurisdiction	1.5.5
Change Request	Reporting | Include Voter Status option on Emergency Roster	1.2.2, 1.5.5
Defect	Corrected poll worker schedule synchronization following internal library upgrades	1.5.5
Epic, Story	Upgraded internal libraries and supporting packages	1.5.5, 2.5.8
Story	Signature data transfer improvements	1.5.5
Story	Sign-on: added support for an additional single sign-on provider	1.5.5
Bug	Reporting | Voter Turnout by Ballot Party | Add precinct sort and display all precincts	1.5.5
Story	Sync: improved accuracy of bulk status change processing	1.2.2, 1.5.5
Story	Printer Receipts: replaced the receipt template editor component	1.5.5
Story	Add/Edit Voter: added state-specific voter registration and residency ID workflows	1.5.5
Story	Importer: added a state-specific street rules parser	1.2.2, 1.5.5
Story	Exporter: added state-specific voter export files	1.2.2, 1.5.5

End of KNOWiNK Poll Pad v4.3.2 EAC ESTEP Test Plan