



ALEX PADILLA | SECRETARY OF STATE | STATE OF CALIFORNIA
OFFICE OF VOTING SYSTEMS TECHNOLOGY ASSESSMENT
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May 22, 2018

County Clerk/Registrar of Voters (CC/ROV) Memorandum #18135

TO: All County Clerks/Registrars of Voters

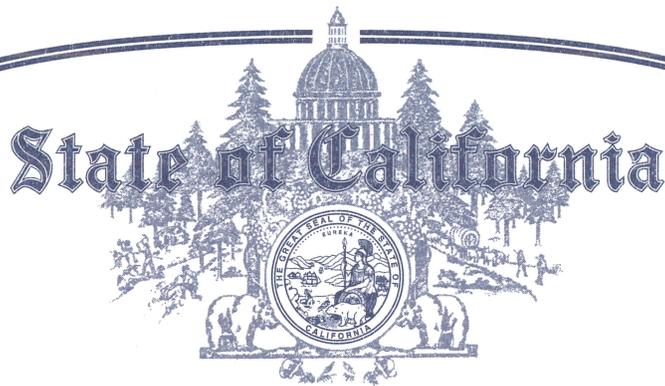
FROM: /s/ Susan Lapsley
Deputy Secretary of State and Counsel

RE: Electronic Poll Book: Approval of (1) KNOWiNK, LLC's Poll Pad Plus Version 1.0; and (2) Tenex Software Solutions' Precinct Central Version 4.0 Electronic Poll Book System

The California Secretary of State has approved the following electronic poll book systems: (1) KNOWiNK, LLC's Poll Pad Plus Version 1.0; and (2) Tenex Software Solutions' Precinct Central Version 4.0.

Attached are copies of the approval documents.

Attachment: (2)



SECRETARY OF STATE

**CONDITIONAL APPROVAL OF
KNOWiNK, LLC PollPad Plus Version 1.0
ELECTRONIC POLL BOOK SYSTEM**

Whereas, pursuant to California Elections Code section 2550, an electronic poll book shall not be used unless it has been certified by the Secretary of State; and

Whereas, an electronic poll book means an electronic list of registered voters that may be transported to the polling location; and

Whereas, KNOWiNK, LLC, submitted an application for certification of the PollPad Plus Version 1.0, which is comprised of Apple iPad Generation 5, iOS Version 11.2.6, PollPad Plus Application Version 1.0, Star Micronics Printer Model TSP650, ePulse Version 1.3, and Novatel Wireless Access Point Model SA 2100-V, submitted on or about January 30, 2017; and

Whereas, during a series of tests conducted by the Secretary of State's office, the electronic poll book system performed in a manner consistent with California law; and

Whereas, the electronic poll book system was able to successfully and accurately execute all test cases, scenarios, and scripts developed by the Secretary of State's office.

Therefore, I, Alex Padilla, Secretary of State for the State of California, find and determine, pursuant to Division 2 of the Elections Code, as follows:

For the reasons set forth above, KNOWiNK, LLC's PollPad Plus Version 1.0 electronic poll book system is hereby conditionally approved.

Use of KNOWiNK, LLC's PollPad Plus Version 1.0 electronic poll book system is subject to the following terms and conditions:

1. Jurisdictions are prohibited from installing any software applications or utilities on any component of the electronic poll book system that have not been identified by the vendor and approved by the Secretary of State.
2. No changes or modification of the electronic poll book system shall be made with respect to any component of the electronic poll book system, including the Use Procedures, until the Secretary of State has been notified in writing and has determined that the proposed change or modification does not impair the accuracy or efficiency of the electronic poll book system sufficient to require a re-examination and approval.
3. The Secretary of State reserves the right, with reasonable notice to the vendor and to the jurisdictions using the electronic poll book system, to modify the Use Procedures used with the electronic poll book system and to impose additional requirements with respect to the use of the system if the Secretary of State determines that such modifications or additions are necessary to enhance the accuracy, reliability or security of any of the electronic poll book system. Such modifications or additions shall be deemed to be incorporated herein as if set forth in full.
4. The Secretary of State reserves the right to monitor activities before, during and after the election at any precinct or registrar of voters' office, and may, at his or her discretion, test electronic poll book equipment.
5. Prior to the sale or use of the system in California, KNOWiNK, LLC must provide all jurisdictions its Use Procedures, entitled "PollPad Version 1.0 User Guide, The State of California" which the Secretary of State hereby approves. Compliance with the Use Procedures by the vendor and jurisdictions is a condition of the approval of this electronic poll book system. Compliance with all requirements set forth in the Use Procedures is mandatory, whether or not a particular requirement is identified in this approval document.
6. KNOWiNK, LLC is required to provide sufficient training to any jurisdiction using the system on the use of the electronic poll book system.

7. Pursuant to California Code of Regulations section 20159, any person, corporation, or public agency owning or having an interest in the sale or acquisition of an electronic poll book or part of an electronic poll book may submit a written request for review of any proposed change or modification to the Secretary of State. Any change or modification must be examined for conformance by the Secretary of State. Changes or modifications include appropriate security and critical software patches, or equivalent, to protect against the exploitation and compromise of voter registration data.
8. Electronic poll book systems certified for use in California shall comply with all applicable state requirements, including, but not limited to, those electronic poll book system requirements as set forth in the California Elections Code and California Code of Regulations. Further, electronic poll book systems shall also comply with all state and federal technology guidelines, standards, regulations and requirements that derive authority from or are promulgated pursuant to and in furtherance of the California Elections Code or other applicable state or federal law when appropriate.
9. Jurisdictions utilizing an electronic poll book, in any election, shall create and have on file an emergency preparedness plan that outlines the processes and procedures to be followed by county officials and poll workers in the event of a failure of one or more of the electronic poll books.
10. KNOWiNK, LLC and/or jurisdictions shall notify the Secretary of State immediately if the chain of custody has been compromised or a breach, attempted breach, defect, failure or fault has been experienced with respect to any electronic poll book or electronic poll book system component.
11. Within thirty (30) days from the end of canvass of any election, all equipment shall be formatted by the jurisdiction so that no voter data is resident on the equipment unless needed for litigation or recount purposes.
12. Prior to the disposal or sale of any electronic poll book or portion thereof, all equipment shall be cleared with a minimum of a two pass wipe so that no software, firmware or voter data remains on the equipment. At the time of disposal or sale, the equipment shall be returned solely to a non-functioning piece of hardware and the following documented for each:

- Whether the machine is void of all software, firmware and voter data.
 - The hardware model name.
 - The hardware model number.
 - The hardware serial number.
13. Electronic poll book system manufacturers or their agents shall assume full responsibility for any representation they make that an electronic poll book system complies with all applicable state and federal requirements, including, but not limited to, those electronic poll book system requirements as set forth in the California Elections Code and California Code of Regulations. In the event such representation is determined to be false or misleading, electronic poll book system manufacturers or their agents shall be responsible for the cost of any upgrade, retrofit or replacement of any electronic poll book system or its components found to be necessary for certification or otherwise not in compliance.
14. Pursuant to California Code of Regulations Section 20150(a)(2), KNOWiNK, LLC and/or jurisdictions must configure the data imported into the electronic poll book system from the jurisdiction's election management system (EMS) to ensure the following voter registration data is not contained in the electronic poll book system:
- California driver's license number.
 - Social Security Number or portion thereof.
15. KNOWiNK, LLC and/or jurisdictions shall disable and not utilize the "Show Drivers License Number" and "Show SSN Number" functionality according to the vendor provided Use Procedures prior to deploying the device.
16. KNOWiNK, LLC and/or jurisdictions shall disable the "Add Voter (Conditional Voter Registration)" functionality according to the vendor provided Use Procedures prior to deploying the device. Jurisdictions are prohibited from utilizing the system to process conditional voter registration.
17. KNOWiNK, LLC and/or jurisdictions shall disable the "Voting System (Encoder)" functionality according to the vendor provided Use Procedures prior to deploying the device. Jurisdictions are prohibited from connecting the device to a smart card encoder to facilitate ballot on demand printing.

18. KNOWiNK, LLC and/or jurisdictions using the electronic poll book system shall configure the electronic poll book device in "Guided Access/Single Application/KIOSK Mode" according to the vendor provided Use Procedures prior to deploying the device. Jurisdictions are prohibited from deploying the device in full access mode.
19. KNOWiNK, LLC's PollPad Plus electronic poll book shall meet the language requirements of California Elections Code 14201 by January 1, 2020. Failure to implement a solution by the provided date may result in decertification of this system.



IN WITNESS WHEREOF, I hereunto set my hand and affix the Great Seal of the State of California, this May 22, 2018.

A handwritten signature in black ink, reading "Alex Padilla". The signature is written in a cursive, flowing style.

ALEX PADILLA
Secretary of State

State of California



SECRETARY OF STATE

CONDITIONAL APPROVAL OF Tenex Software Solutions Precinct Central Electronic Poll Book System Version 4.0 ELECTRONIC POLL BOOK SYSTEM

Whereas, pursuant to California Elections Code section 2550, an electronic poll book shall not be used unless it has been certified by the Secretary of State; and

Whereas, an electronic poll book means an electronic list of registered voters that may be transported to the polling location; and

Whereas, Tenex Software Solutions submitted an application for certification of the Precinct Central Electronic Poll Book System Version 4.0, which is comprised of Apple iPad Generation 5, iOS Version 10.3.3, Precinct Central ePollbook Application (EPB) Version 4.0, Epson TM-m30 Printer Model M335B, Precinct Central Console Version 4.0, AT&T Velocity Mobile Hotspot Model MF923, submitted on or about December 1, 2016; and

Whereas, during a series of tests conducted by the Secretary of State's office, the electronic poll book system performed in a manner consistent with California law; and

Whereas, the electronic poll book system was able to successfully and accurately execute all test cases, scenarios, and scripts developed by the Secretary of State's office.

Therefore, I, Alex Padilla, Secretary of State for the State of California, find and determine, pursuant to Division 2 of the Elections Code, as follows:

For the reasons set forth above, Tenex Software Solutions' Precinct Central Electronic Poll Book System Version 4.0 is hereby conditionally approved.

Use of Tenex Software Solutions' Precinct Central Electronic Poll Book System Version 4.0 is subject to the following terms and conditions:

1. Jurisdictions are prohibited from installing any software applications or utilities on any component of the electronic poll book system that have not been identified by the vendor and approved by the Secretary of State.
2. No changes or modification of the electronic poll book system shall be made with respect to any component of the electronic poll book system, including the Use Procedures, until the Secretary of State has been notified in writing and has determined that the proposed change or modification does not impair the accuracy or efficiency of the electronic poll book system sufficient to require a re-examination and approval.
3. The Secretary of State reserves the right, with reasonable notice to the vendor and to the jurisdictions using the electronic poll book system, to modify the Use Procedures used with the electronic poll book system and to impose additional requirements with respect to the use of the system if the Secretary of State determines that such modifications or additions are necessary to enhance the accuracy, reliability or security of any of the electronic poll book system. Such modifications or additions shall be deemed to be incorporated herein as if set forth in full.
4. The Secretary of State reserves the right to monitor activities before, during and after the election at any precinct or registrar of voters' office, and may, at his or her discretion, test electronic poll book equipment.
5. Prior to the sale or use of the system in California, Tenex Software Solutions must provide to jurisdictions its Use Procedures, entitled "Precinct Central ePollbook Version 4.0 Use Procedures, State of California" which the Secretary of State hereby approves. Compliance with the Use Procedures by the vendor and jurisdictions is a condition of the approval of this electronic poll book system. Compliance with all requirements set forth in the Use Procedures is mandatory, whether or not a particular requirement is identified in this approval document.

6. Tenex Software Solutions is required to provide sufficient training to any jurisdiction using the system on the use of the electronic poll book system.
7. Pursuant to California Code of Regulations section 20159, any person, corporation, or public agency owning or having an interest in the sale or acquisition of an electronic poll book or part of an electronic poll book may submit a written request for review of any proposed change or modification to the Secretary of State. Any change or modification must be examined for conformance by the Secretary of State. Changes or modifications include appropriate security and critical software patches, or equivalent, to protect against the exploitation and compromise of voter registration data.
8. Electronic poll book systems certified for use in California shall comply with all applicable state requirements, including, but not limited to, those electronic poll book system requirements as set forth in the California Elections Code and California Code of Regulations. Further, electronic poll book systems shall also comply with all state and federal technology guidelines, standards, regulations and requirements that derive authority from or are promulgated pursuant to and in furtherance of the California Elections Code or other applicable state or federal law when appropriate.
9. Jurisdictions utilizing an electronic poll book, in any election, shall create and have on file an emergency preparedness plan that outlines the processes and procedures to be followed by county officials and poll workers in the event of a failure of one or more of the electronic poll books.
10. Tenex Software Solutions and/or jurisdictions shall notify the Secretary of State immediately if the chain of custody has been compromised or a breach, attempted breach, defect, failure or fault has been experienced with respect to any electronic poll book or electronic poll book system component.
11. Within thirty (30) days from the end of canvass of any election, all equipment shall be formatted by the jurisdiction so that no voter data is resident on the equipment unless needed for litigation or recount purposes.
12. Prior to the disposal or sale of any electronic poll book or portion thereof, all equipment shall be cleared with a minimum of a two pass wipe so that no software, firmware or voter data remains on the equipment. At the time of disposal or sale, the equipment shall be

returned solely to a non-functioning piece of hardware and the following documented for each:

- Whether the machine is void of all software, firmware and voter data.
 - The hardware model name.
 - The hardware model number.
 - The hardware serial number.
13. Electronic poll book system manufacturers or their agents shall assume full responsibility for any representation they make that an electronic poll book system complies with all applicable state and federal requirements, including, but not limited to, those electronic poll book system requirements as set forth in the California Elections Code and California Code of Regulations. In the event such representation is determined to be false or misleading, electronic poll book system manufacturers or their agents shall be responsible for the cost of any upgrade, retrofit or replacement of any electronic poll book system or its components found to be necessary for certification or otherwise not in compliance.
14. Tenex Software Solutions and/or jurisdictions using the electronic poll book system shall configure the electronic poll book device in "Guided Access/Single Application/KIOSK Mode" according to the vendor provided Use Procedures prior to deploying the device. Jurisdictions are prohibited from deploying the device in full access mode.



IN WITNESS WHEREOF, I hereunto set my hand and affix the Great Seal of the State of California, this May 22, 2018.

A handwritten signature in black ink, appearing to read "Alex Padilla". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

ALEX PADILLA
Secretary of State