# BOARD OF SUPERVISORS AGENDA ITEM REPORT

Requested Board Meeting Date: 2/15/2022

*= Mandatory, information must be provided*

Click or tap the boxes to enter text. If not applicable, indicate "N/A".

**\*Title**:

Authorization of Vote Centers

**\*Introduction/Background**:

During the 2020 primary and general election, Pima County had approximately 240 polling places and voters were required to vote at their assigned polling place in order for their vote to be counted. A.R.S. § 16-411 (B)(4) allows the Board of Supervisors to authorize the use of vote centers in place of polling places. Voters would be allowed to cast a ballot at any vote center.

**\*Discussion**:

The Elections Department and the Recorder's Office are considering the use of vote centers for the 2022 primary and general elections. Eleven of the 15 counties in Arizona are already using vote centers. Voters would have the convenience of voting at any location, rather than being restricted to a single polling place near their residential address. Ballots would no longer be disqualified because the voter was in the wrong location. Significantly fewer provisional ballots would be cast, which would save money as well as time, allowing for Pima County to finish counting the ballots sooner and to realease the official results earlier.

**\*Conclusion**:

By using vote centers rather than polling places, Pima County can save money, release official results faster, and make voting more convenient for the citizens of Pima County.

**\*Recommendation**:

The Elections Department is requesting that the Board authorize the use of vote centers in place of polling places for the 2022 primary and general elections.

**\*Fiscal Impact**:

*Click or tap here to enter text.*

**\*Board of Supervisor District**:

☐ 1     ☐ 2     ☐ 3     ☐ 4     ☐ 5     ☑ All

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Department: Elections                              Telephone: 724-6830

Contact: Mary Martinson                         Telephone: 724-6867

Department Director Signature: *Mary E Martinson*          Date: 1/28/2022

Deputy County Administrator Signature: _____          Date: _____

County Administrator Signature: _____          Date: 1/28/2022

7/14/2021

**Yavapai County**
**Department of Elections**
1015 Fair Street-Room 228
Prescott, Arizona 86305
**Phone: (928) 771-3250**
webelections@yavapaiaz.gov

**Lynn A. Constabile**
Elections Director

January 14, 2022

Mary Martinson, Interim Elections Director
Pima County Elections

Dear Mary,

Recently you asked me to tell you about Vote Centers and how they impact the lives of Yavapai County voters. After careful consideration, Yavapai County implemented Vote Centers for the 2012 Presidential Preference Election (PPE) and has used them ever since. Although only about 10% of those who vote in any given PPE, Primary, or General Election choose to cast their ballot at a Vote Center, the advantages they provide are abundant.

The most notable benefit of Vote Centers is the convenience for our voters. Our office no longer receives calls from voters frustrated about passing several "Vote Here" signs on the way to their *assigned* voting location, because they were forced to travel from where they work, shop, or complete daily errands to reach a location that is nearest to their home. Vote Centers provide voters with the ability to work voting into their busy everyday lives, which we feel contributes to better voter turnout. Additionally, by locating Vote Centers in high traffic, popular areas, we feel it reminds people of "Election Day" and the need to cast their ballot. Business owners love Vote Centers too, because when employees can vote at a location close to their business it means they can return to work quickly.

For Counties, an important benefit is the savings that come with Vote Centers. In 2008, my county had 95 precinct-based polling locations. Due to the increased popularity of voting by mail, in 2010, we reduced this number to 50 co-located places. When we implemented Vote Centers in 2012, we reduced even further to just 30 locations. This saved the county money on not only the rental of voting locations, but on poll worker payroll, voting equipment, and supply costs, while still providing voters with a better experience.

Good luck with your implementation! Your voters are going to thank you!

Best regards,

*Lynn A. Constabile*

Lynn A. Constabile, CERA
Yavapai County Elections Director

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**FOR ELECTION RESULTS VISIT OUR WEB PAGE:** www.yavapaiaz.gov/govote

Hearing or speech disability? Call 7-1-1 and ask to be connected to 928.771.3250 or e-mail webelections@yavapaiaz.gov

**Toll Free Numbers:** Ash Fork \ Bagdad \ Seligman \ Yarnell Areas 1-800-771-2797
Black Canyon City 602-495-8800 Cottonwood \ Camp Verde \ Sedona Areas 928-639-8100

**Cochise County**
**Elections Department**

*Public Programs...Personal Service*
www.cochise.az.gov

**LISA M. MARRA**
Director

**MARTHA L. RODRIQUEZ**
Deputy Director

January 15, 2022

Ms. Mary Martinson, Interim Elections Director
Pima County Elections Department

Dear Mary:

Like most counties across the nation, we struggled more and more over the years to find suitable locations to set up polling sites. Prior to 2012, we had 60 sites, one in each precinct. Not only is it incredibly difficult to find an accessible location, but it's also nearly impossible to find that many poll workers to fully staff them.

As the Election Official in Cochise County, I'm happy to share our successful experience as we moved from 49 assigned polling precincts to 17 Vote Center locations in 2015.

Since 2012, we've seen a steady rise in early voting by mail in Cochise County. Today, over 85% of our voters are choosing to vote early by mail. This was just one factor in moving to the Vote Center model. Some people still prefer the experience of in person election day voting, which accounts for less than 20% of our voters. Moving to Vote Centers was the missing link to tie all the options together, for the better, for all voters.

In 2014, a committee was convened to explore options. It took nearly a year to determine that moving to Vote Centers was the most important consideration for voters. It allows our residents to decide where they want to vote on election day. In a large, rural county, many people live in one area, and work, shop or attend medical appoints in another part of the county, many miles away. They love the fact they can decide that morning where to go vote based on their schedule. There is never a time they vote out of precinct or become frustrated because they can't remember where their location is. With Vote Centers, we rarely move the location which makes it easy for voters to know where they want to go vote as they plan their schedule.
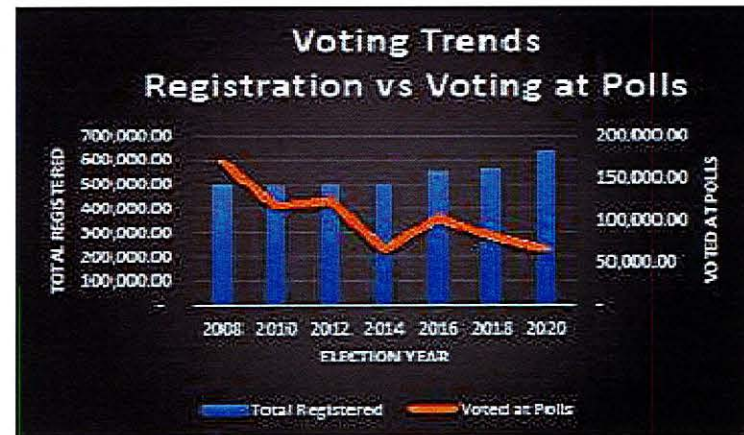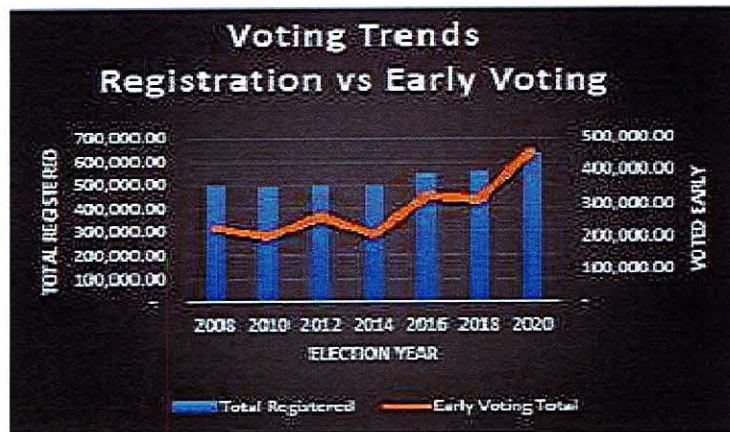
We've now gone through three election cycles using the Voter Center model and it's one of the best decisions our Board of Supervisors has made relating to elections as it provides an opportunity to pool resources to better serve our public. It gives the voter so many more options and based on statistics, increases voter participation. It has saved taxpayer dollars as it relates to poll workers, equipment, location rental, staff time and improved efficiency which contributes to overall satisfaction of all county residents. We also reduced provisional ballots and expedited vote tabulation on election night as cast ballots are tabulated onsite.

Pima County has made some huge strides in the past year moving to the use of electronic pollbooks and now considering moving to Vote Centers. Those are big changes and true improvements that benefit all your voters. Best of luck moving forward with these significant advancements to benefit Pima County residents and voters.

Lisa M. Marra, CERA, CPM
Director of Elections, Cochise County
President, Election Officials of Arizona

# Historical Voting Statistics for Pima County

| | 2008 | 2010 | 2012 | 2014 | 2016 | 2018 | 2020 |
|---|---|---|---|---|---|---|---|
| | | | | Year | | | |
| Total Registered | 496,903.00 | 486,452.00 | 495,646.00 | 497,014.00 | 543,509.00 | 557,532.00 | 632,932.00 |
| Total Voter Turnout | 396,396.00 | 318,662.00 | 385,126.00 | 272,233.00 | 426,766.00 | 393,134.00 | 526,091.00 |
| Early Voting Total | 227,988.00 | 201,927.00 | 261,554.00 | 206,659.00 | 324,036.00 | 312,420.00 | 459,789.00 |
| Voted Early at Site | 18,393.00 | 4,075.00 | 5,721.00 | 1,898.00 | 12,463.00 | 7,739.00 | 29,545.00 |
| Voted Mailed Early Ballot | 209,595.00 | 197,852.00 | 255,833.00 | 204,761.00 | 311,573.00 | 304,681.00 | 430,244.00 |
| Voted at Polls | 168,408.00 | 116,735.00 | 123,572.00 | 65,574.00 | 102,730.00 | 80,714.00 | 66,302.00 |
| | | | | | | | |
| Turnout Percentage | 79.77% | 65.51% | 77.70% | 54.77% | 78.52% | 70.51% | 83.12% |
| Election Day Voting | 42.48% | 36.63% | 32.09% | 24.09% | 24.07% | 20.53% | 12.60% |



Voting Trends — Registration vs Early Voting



Voting Trends — Registration vs Voting at Polls

# Provisional Ballot Results

## 2016 GENERAL ELECTION
### Reason Totals

| CONDITIONAL | Counted? | Reason | TOTAL |
|---|---|---|---|
| | Yes | COUNT FEDERAL ONLY | 13 |
| | Yes | COUNTED | 18,218 |
| | No | COULD NOT CONFIRM IDENTITY | 6 |
| | No | PROVISIONAL NOT SIGNED | 62 |
| | No | REGISTERED AFTER CUTOFF DATE | 373 |
| | No | REGISTRATION CANCELLED | 521 |
| | No | VOTED EARLY BALLOT | 168 |
| | No | VOTED MULTIPLE BALLOTS | 30 |
| | No | VOTED WRONG VOTING AREA | 1,150 |
| | No | VOTER NOT REGISTERED | 792 |
| | | Provisional Total: | 21,333 |

| | Yes | COUNTED | 5 |
|---|---|---|---|
| | No | NO IDENTIFICATION PROVIDED | 39 |
| | | Conditional Provisional Total: | 44 |
| Total | | Grand Total: | 21,377 |

## 2020 GENERAL ELECTION
### Reason Totals

| CONDITIONAL | Counted? | Reason | TOTAL |
|---|---|---|---|
| | Yes | COUNT FEDERAL ONLY | 107 |
| | Yes | COUNTED | 16,086 |
| | No | COULD NOT CONFIRM IDENTITY | 18 |
| | No | PROVISIONAL NOT SIGNED | 35 |
| | No | REGISTERED AFTER CUTOFF DATE | 260 |
| | No | REGISTRATION CANCELLED | 410 |
| | No | VOTED EARLY BALLOT | 122 |
| | No | VOTED MULTIPLE BALLOTS | 18 |
| | No | VOTED WRONG VOTING AREA | 653 |
| | No | VOTER NOT REGISTERED | 924 |
| | | Provisional Total: | 18,633 |

| | Yes | COUNTED | 1 |
|---|---|---|---|
| | No | NO IDENTIFICATION PROVIDED | 32 |
| | No | VOTED WRONG VOTING AREA | 3 |
| | No | VOTER NOT REGISTERED | 18 |
| | | Conditional Provisional Total: | 54 |
| Total | | Grand Total: | 18,687 |

# 1. Faster, more convenient and less confusing for voters
a. There will be no more sending people to a different polling location because they aren't at the right place.
b. Check in time will go from 3 minutes to 30 seconds
   i. Using a barcode on a standard issue ID or 3 letter search to check in a voter automates the process and replaces the following steps:
      1. Searching in a roster
      2. Filling out the General Voter ID Slip
         a. Enter the Register Number
         b. Pollworker initials
         c. Situation list
         d. Ballot stripe color
         e. All above information is double checked by a roster judge
      3. Marking the roster
         a. Collecting a signature
         b. Manually writing an "E" if the voter was issued an early ballot (either via mail or at an Early Voting Site)
      4. Creating an entry in a poll list (4 part carbon, needing to press very hard)
         a. Writing a person's name and voter register number

# 2. More secure
a. It eliminates the possibility that someone could vote twice
   i. Voter is automatically checked in and cannot vote again
   ii. Human error of marking the wrong line for a voter is eliminated
b. Ballots are only printed as someone checks in. Someone being able to print a stack of ballots and stuff the box is impossible.
c. Eliminates the need to print ballots for each voting location ahead of time. The ballot style is printed for each voter, therefore there are no blank ballots at the polls or unvoted ballots after the election.
d. Poll workers will be able to tell if a person voted their early ballot and will only issue a provisional if the record shows that the voter's ballot was already returned and verified.

# 3. More accurate
a. Check-in as outlined above is automated
b. System will bring up the exact voter
c. Eliminates people signing on the wrong line
d. If someone doesn't put the E next to a name on a roster in the Addendum
   i. Could vote twice
   ii. Would be uncounted in tear sheets (when political campaigns call these voters, they are often upset thinking their vote didn't count)

# 4. Time savings for all processes
a. Roster preparation
   i. Rosters per location 3-4 (between 700 and 900 copies)
      1. Put in plastic bags and notebooks 2 weeks ahead
b. Addendum – list of updated voters since Early Voting closed
   i. 2 hours to get addendums ready

      ii.  Half hour for each polling place for someone to put an E next to the name on all rosters and registers for each voter status change
  c.  Provisional ballots would decrease by 83%
      i.  The correct ballot will be issued for any voter including one who has an address change.

# 5. Lessen the burden on election staff who are already experiencing unprecedented levels of job fatigue.
  a.  Voters less agitated by outdated processes that take time and are inconvenient
  b.  Voter confidence is increased by automated processes
  c.  Saves time
      i.  Half the amount of logistics on Election Day with less locations & automated processes
      ii.  83% less provisional ballot processing

# 6. Election results will be available faster
  a.  Processing time after the election is over will be significantly shorter due to 83% decrease in provisional ballots.  In most years, processing provisional ballots takes close to or at the deadline of 10 days after each general election. Due to the amount of time it takes to process provisional ballots, Pima County is almost always the last county to finalize results and one of the only counties to go right to the deadline.

# 7. Up to the minute automatic Election Day "tear sheets" (poll lists) will be available for press and political parties.

## Proposed Vote Center Locations

| BOS District | Locations | Address | Room Location |
|---|---|---|---|
| 1 | Beautiful Savior Lutheran Church | 7570 N Thornydale Road | FELLOWSHIP HALL |
| 1 | Casas Adobes Baptist Church | 10801 N La Cholla Boulevard | PALO VERDE ROOM |
| 1 | Catalina Community Center | 16562 North Oracle Road | RECREATION ROOM |
| 1 | Donaldson Elementary School | 240 W Omar Drive | GYMNASIUM |
| 1 | Dove of Peace Lutheran Church | 665 W Roller Coaster Road | LIBRARY |
| 1 | Embassy Suites Tucson-Paloma Village | 3110 E Skyline Drive | LA PALOMA BALLROOM |
| 1 | Hacienda Del Sol Hotel | 5501 N Hacienda Del Sol | Casa Luna Ballroom |
| 1 | Lutheran Church of the Foothills | 5102 N Craycroft Road | ACTIVITIES ROOM |
| 1 | Oro Valley Church of the Nazarene | 500 W Calle Concordia | FELLOWSHIP HALL |
| 1 | Oro Valley County Club | 300 W Greenock Drive | Larger Meeting Room |
| 1 | Saint Elizabeth Ann Seton Catholic Church | 8650 N Shannon Road | Hall |
| 1 | St. Alban's Episcopal Church | 3738 N Old Sabino Canyon Road | PARISH HALL |
| 1 | St. Odilia Catholic Church | 7570 N Paseo Del Norte | PARISH HALL |
| 1 | St. Thomas the Apostle Catholic Church | 5150 N Valley View Road | O'LEARY HALL |
| 1 | Sun City Oro Valley - Catalina Vista | 14055 N Del Webb Boulevard | MT. LEMMON ROOM |
| 1 | The Church of Latter Day Saints | 55 W Arrowsmith Drive | CULTURAL HALL |
| 1 | Town Of Oro Valley Council Chambers | 11000 N La Canada | Council Chambers |
| 1 | Westward Look Resort | 245 E Ina Road | Sonoran Ballroom |
| 1 | Omni Tucson National Resort | 2727 W Club Drive | TBD |
| 1 | Journey Church | 4700 N Swan Road | Hall |
| 1 | Orange Grove Mobile Estates | 3635 W. Mango Drive | Clubhouse |
| 2 | Ambassador Event Center | 3455 S Wilmot Road | Hall |
| 2 | Anamax Recreation Center | 375 W Sahuarita Center Way | TOWN COUNCIL CHAMBERS |
| 2 | Clements Regional Center | 8155 E Poinciana Drive | Room 117 - City Of Tucson |
| 2 | DoubleTree by Hilton Tucson Downtown Convention Center | 280 S Church Ave, | MEETING ROOM |
| 2 | Four Points Tucson Airport | 7060 S Tucson Boulevard | CONFERENCE ROOM |
| 2 | Hilton Garden Inn | 6575 S Country Club Road | MULTIPURPOSE ROOM |
| 2 | Hilton Tucson East | 7600 E Broadway Boulevard | Rosewood C |

| BOS District | Locations | Address | Room Location |
|---|---|---|---|
| 2 | Kino Sports Complex | 2500 E Ajo Way | Catalina & Rincon Rooms |
| 2 | Knights of Columbus #5133 | 1330 S Mountain View Avenue | HALL |
| 2 | Marymar Events | 2264 E Benson Highway | Hall - 200 People Capacity |
| 2 | Randolph Community Center | 200 S Alvernon Way | Largest AREA Availble |
| 2 | Sabbar Shrine Temple | 450 S Tucson Boulevard | LARGE BANQUET ROOM |
| 2 | Tucson Expo Center | 3750 E Irvington Road | Sapphire Room |
| 2 | ARMORY PARK CENTER | 220 S 5TH AVENUE | QUIET ROOM |
| 2 | SAM LENA-SOUTH TUCSON LIBRARY | 1607 S 6TH AVENUE | MEETING ROOM |
| 3 | Accelerated Elementary & Secondary School | 5245 N Camino De Oeste | MULTIPURPOSE ROOM |
| 3 | Ajo Federated Church | 101 West Lomita Avenue | SOCIAL HALL |
| 3 | Arivaca Old School Building | 17180 W 4th Street | OLD SCHOOL HOUSE |
| 3 | Avra Valley Fire District | 15790 W Silverbell Road | CLASSROOM |
| 3 | Baboquivari District Office | Federal Route 19 & Fresnal Canyon Road | MAIN OFFICE |
| 3 | Chukut Kuk District | Federal Route 19, Topawa Road, Vamori Vlg | MIGUEL COMMUNITY BUILDING |
| 3 | Continental Ranch Community Center | 8881 N Coachline Boulevard | COMMUNITY CENTER |
| 3 | Crystal Event Center | 610 W Prince Road | Hall |
| 3 | Ellie Town Flowing Wells Community Center | 1660 W Ruthrauff Road | MULTIPURPOSE ROOM 2 & 3 |
| 3 | Gu Achi District | Santa Rosa Community | SANTA ROSA MULTIPURPOSE BUILDING |
| 3 | Gu Vo District Office Compound | Indian Route 1, Mile Post 19, Gu Vo Village | GU VO DISTRICT COMPOUND CONFERENCEROOM |
| 3 | Hickiwan District | Vaya Chin Village | KIOHOD TONLIK KI |
| 3 | Lord of Grace Lutheran Church | 7250 N Cortaro Road | MEETING ROOM |
| 3 | Marana High School | 12000 W Emigh Road | LIBRARY CLASSROOM |
| 3 | Marana Municipal Complex | 11555 W Civic Center | MARANA POLICE DEPT. COMMUNITY ROOM |
| 3 | Picture Rocks Community Center | 5615 N Sanders Road | MULTIPURPOSE ROOM |
| 3 | Pisinemo District | West Highway 86, Route 21 | DISTRICT OFFICE |

| BOS District | Locations | Address | Room Location |
|---|---|---|---|
| 3 | Redeemer Evangelical Lutheran Church & School | 8845 N Silverbell Road | MINISTRY CENTER |
| 3 | Rio Vista Elementary School | 1351 E Limberlost Drive | GYMNASIUM |
| 3 | Roadrunner Elementary School | 16651 West Calle Carmela | AM STAGE |
| 3 | Robles Ranch Community Center | 16150 W Ajo Way | COMMUNITY CENTER |
| 3 | SAN XAVIER DISTRICT | 2018 SAN XAVIER ROAD | SAN XAVIER DISTRICT CENTER |
| 3 | Sandario Baptist Church | 6971 N Sandario Road | AUDITORIUM |
| 3 | Schuk Toak District Office | Highway 86, Mile Post 126.5 | DISTRICT OFFICE CONFERENCE ROOM |
| 3 | Sells District Office | Arizona Highway 86 and Mile Post 112 | CONFERENCE ROOM |
| 3 | Serenity Baptist Church | 15501 West Ajo Way, Three Points | WORSHIP AREA |
| 3 | Sierrita Mining and Ranching Co. Community Building | 10094 W McGee Ranch Road | COMMUNITY BUILDING |
| 3 | Sopori Elementary School | 5000 W Arivaca Road | GYMNASIUM |
| 3 | Tucson Estates | 5900 W Western Way Circle | MULTIPURPOSE HALL |
| 3 | Tucson FOP Lodge #1 | 3445 N Dodge Boulevard | Hall |
| 4 | American Legion Post 109 | 15921 S Houghton Road | DINING ROOM |
| 4 | Christ Lutheran Vail Church | 14600 E Colossal Cave Road | SANCTUARY ROOM |
| 4 | Cienega High School | 12775 E Mary Ann Cleveland Way | LIBRARY |
| 4 | Copper Ridge Elementary School | 17650 S Canyon Edge Trail | LIBRARY |
| 4 | Desert Hills Center | 2980 S Camino Del Sol | Auditorium 2,400 Sq Ft |
| 4 | Desert Sky Middle School | 9850 E Rankin Loop | GYM FOYER |
| 4 | East Social Center | 7 S Abrego Drive | AUDITORIUM |
| 4 | Embassy Suites by Hilton Tucson East | 6555 E Speedway Boulevard | Largest conference room |
| 4 | Hope Church | 3353 N Houghton Road | CHURCH / EDUCATION CENTER |
| 4 | La Mariposa Resort | 1501 N Houghton Road | Entire Venue |
| 4 | Las Campanas | 565 W Belltower Drive | Ocotillo & Agave Rooms |
| 4 | Morris K. Udall Regional Center | 7220 E Tanque Verde Road | SENIOR CENTER BUILDING |
| 4 | Mt. Lemmon Community Center | 12949 N Sabino Canyon Parkway | RECREATION ROOM |

| BOS District | Locations | Address | Room Location |
|---|---|---|---|
| 4 | New Spirit Church | 8701 E Old Spanish Trail | Hall |
| 4 | Ocotillo Ridge Elementary School | 10170 South White Lightning Lane | LIBRARY |
| 4 | Pima County Fairgounds | 11300 S Houghton Road | Green Room or Ferber Room |
| 4 | Rosemont Ranch, Thurber Division | 11300 E Greaterville Rd, 2 miles w. of hwy.83 | VOTING ROOM |
| 4 | Sheraton Tucson Hotel | 5151 E Grant Road | Sabino Room |
| 4 | Sycamore Elementary School | 16701 S Houghton Rd | LIBRARY |
| 4 | The Springs at Santa Rita | 951 W Via Rio Fuerte | The Anza |
| 5 | Maranatha Ministries | 334 W. Los Reales Road | Fellowship hall |
| 5 | MT. ZION LUTHERAN CHURCH | 4520 W AJO WAY | Fellowship Hall ( 1,600 Sq.ft) |
| 5 | PASCUA YAQUI TRIBE WELLNESS CENTER | 5305 CALLE TORIM | AZUL ROOM ( BLUE) |
| 5 | VALENCIA BRANCH PUBLIC LIBRARY | 202 W VALENCIA ROAD | LARGE MEETING ROOM |
| 5 | VIDA NUEVA CHURCH OF GOD | 504 W NEBRASKA STREET | YOUTH CENTER |
| 5 | American Legion Sahuaro Post #68 | 4724 S 12th Avenue | LEGION MAIN BALLROOM |
| 5 | Church of The Painted Hills | 3295 W Speedway Boulevard | |
| 5 | Donna R Liggins Neighborhood Center | 2160 N 6th Avenue | MULTIPURPOSE ROOM 1,2,3 |
| 5 | El Pueblo Senior Center | 101 W Irvington Road | SENIOR CENTER BUILDING, MULTIPURPOSEROOM |
| 5 | Hotel Tucson City Center | 475 N Granada Avenue | Gold/Silver/Copper Room- 2000-3500Sq ft |
| 5 | Our Lady of Fatima Parish | 1950 W Irvington Place | FELLOWSHIP |
| 5 | Pascua Neighborhood Center | 785 W Sahuaro Street | BUILDING #1 |
| 5 | Ramada by Wyndham | 777 W Cushing Street | Larger Meeting Room |
| 5 | Ramada by Wyndham Viscount Suites | 4855 E Broadway Boulevard | Larger Meeting Room |

## Cost and Savings of a Vote Center Model

| | | |
|---|---|---:|
| Recorder's Office Tenex Purchase | $ | 699,560.00 |
| Verizon Data Plan | $ | 19,200.00 |
| Mobile Device Management | $ | 5,280.00 |
| Cradlepoint Devices | $ | 67,094.82 |
| Total Recorder's Initial Purchase | $ | 791,134.82 |
| Elections Department Tenex Purchase | $ | 408,100.00 |
| **Total Startup cost for Tenex Purchase** | $ | **1,199,234.82** |
| | | |
| 2020 HAVA Grant Funds | $ | (694,438.40) |
| **Total Year One Purchase of Tenex Equipment** | $ | **504,796.42** |

**Annual Costs**

| | | |
|---|---|---:|
| Recorder's Office Precinct Central EPB Software License/Support | $ | 55,000.00 |
| Elections Precinct Central EPB Software License/Support | $ | 207,900.00 |
| Verizon Data Plan | $ | 19,200.00 |
| Mobile Device Management | $ | 5,280.00 |
| Consumables - toner and thermal paper | $ | 72,500.00 |
| **Total Annual Cost** | $ | **359,880.00** |

**Savings Offsetting the Cost**

| | | |
|---|---|---:|
| Estimated Savings for Recorder's Office - Time & Materials | $ | 132,000.00 |
| Estimated Savings for Elections Department - Time & Location | $ | 289,454.00 |
| *Per election Savings* | | **$421,454** |
| Annual Savings | | $210,727 |
| **Annual Cost of Vote Center Model** | $ | **149,153.00** |

# Precinct Central Security Features

*This document is intended to provide a high level overview of the different security features utilized by Tenex Software Solutions. These allow for a secure and reliable elections software environment.*
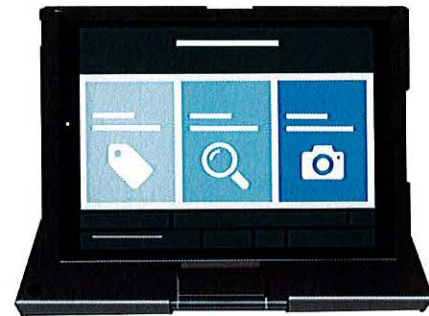
## Precinct Central Security Features

### Server
- Runs on Amazon Web Services (AWS) platform; trusted by Moderna, Capital One, and Netflix.
- Sever resources can only be accessed directly by Tenex personnel using a secure dual factor authenticator.
- Database can only be accessed within Tenex infrastructure. All connections are encrypted.

### Communication
- Data that is exchanged is encrypted to the highest security protocol.

### Application
- For a secure connection to be established, Touchpads are all registered within Precinct Central.
- Touchpads are always protected by encrypted passwords.
- Allows for different levels of security access between user groups.

## Touchpad Security Features

### Apple iPad
- NO ports for external devices to plug into.
- FIPS Compliant (in compliance with highest cryptographic security standards)
- iOS platform encrypts files when user locks device to prevent unauthorized access.
- Operating system prevents access to directories outside of those being utilized on application being run.

### CISCO Meraki Device Manager
- Application control – ensures only electronic poll book application is installed on iPad.
- Configuration – each device has identical configuration for consistent experience.
- Find My iPad – provides robust framework for finding lost or stolen iPad. Allows for remote locking or erasing of device.

## External Testing and Certification
- Precinct Central has been certified by National Testing Systems (NTS) and SLI Compliance.
- American with Disability Act (ADA) compliance testing
- Precinct Central was tested with satisfactory results for:
  - A third–party attacker with no access or privileges to the ePollbook system
  - A third–party attacker with limited access but no privileges to the ePollbook system
  - A poll worker with limited access and limited privileges to the ePollbook system
  - A poll book privileged user with access and privileges to the ePollbook system
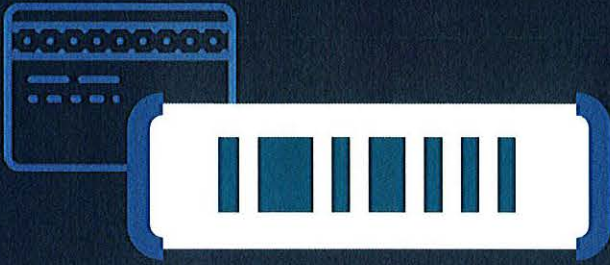
Under 2 second ID scanning using the onboard camera


**SIGN BELOW**
Clear signatures using the touch-screen signing area

# Flip & Share Case and Stand

Setup and ready to check-in voters in under 30 seconds

Fully enclosed and protected at all times
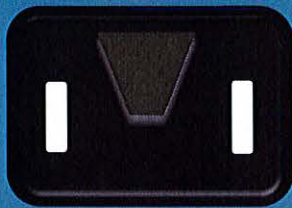


- Folds up compact for easy storage and transport
- As easy as opening a book with no moving parts and nothing to assemble on election day



grip & flip screen



Ergonomic all day operating position for election officials

Ergonomic angle and position for voter signature

# Award-winning Apple hardware platform

Tenex Software on Apple Hardware = A Winning Combination
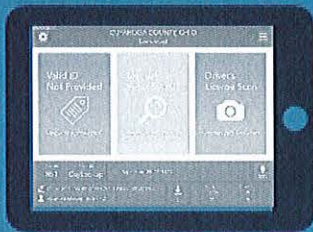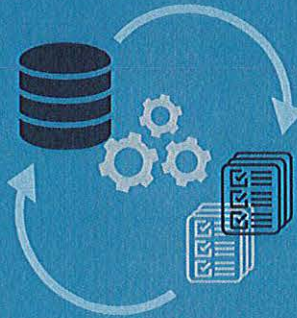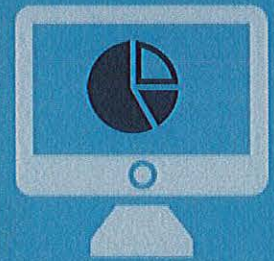
# Printing Options

- ✓ Authority to Vote Slip
- ✓ Provisional Referral Slip
- ✓ Voter Transfer Slip
- ✓ Name Change Form
- ✓ Wrong Location Form
- ✓ Same-Day Registration Form
- ✓ Poll Opening Report
- ✓ Device Diagnostics Report
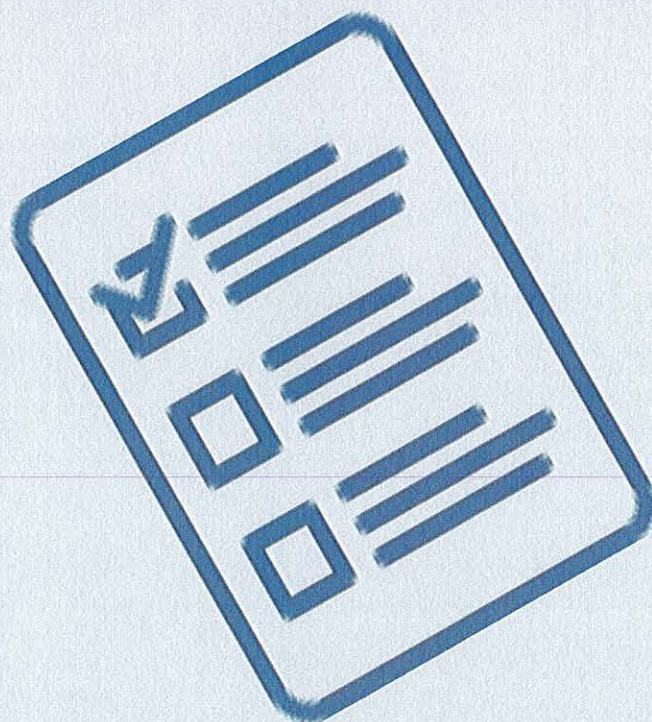
Complete Precinct Register

Incremental Check-ins Register

Check-in Totals

Customizable Print Formatters

Security Controlled Workflows

2 - Tenex Election Desk

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## About Tenex

## Our Product Suite

## Services
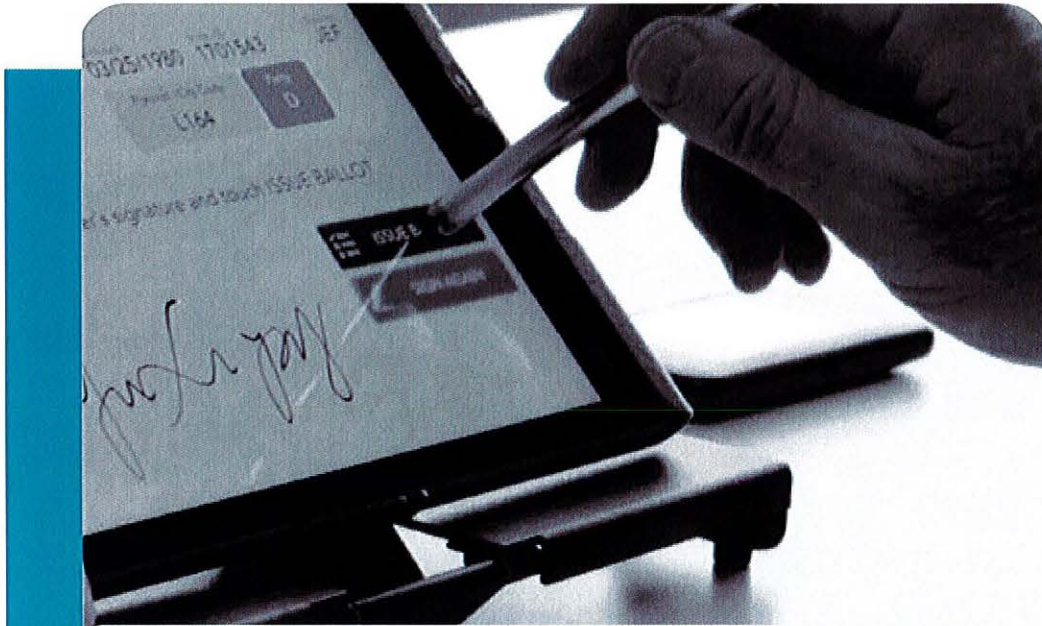
**18**
States
**SERVED**

**300+**
Jurisdictions
**SERVED**

**45M+**
Voters
**SERVED**

## ABOUT TENEX

Tenex Software Solutions is a Tampa-based company founded by software engineers and former election officials on a mission to revolutionize the election technology. At Tenex, we are on the pursuit to spearhead the development of modern election solutions that combine elegance, function, security, and unsurpassed user experience.

## DEFINED BY OUR PEOPLE

Our winning team is made up of technologists and former election officials - together, we work to create software products that make elections more secure and easier to manage. Our power comes from the talented and exceptional people who make up our company. We always strive to identify exceptional individuals and create an environment that fosters growth and allows them to reach their maximum potential.

## HONESTY AND INTEGRITY

In all of our dealings and relationships with customers, partners, competitors, and each other as colleagues, we always maintain honest and open communication. We maintain our integrity when faced with fierce competition and make decisions with fairness and empathy.

## WINNING SPIRIT

At Tenex, we work with relentless focus and the desire to create the best software solutions in the world. Our team is never complacent and always strives to improve and make our already great solutions even better for end users.

## CUSTOMER SERVICE

We approach customer relationships with the mindset that all parties have a common goal and believe in working in collaboration as partners. We respect our customers, listen to their requests, and understand their expectations.



= Home Office    1 = Full Implementation
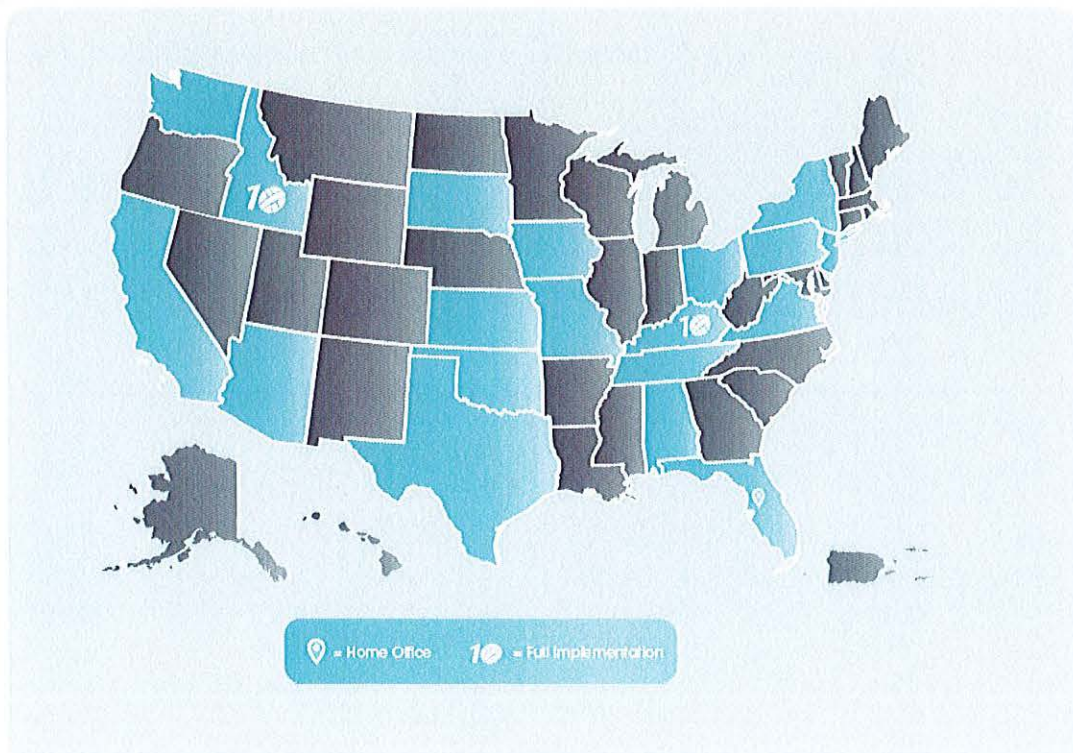
# PRECINCT CENTRAL
## iPad-Based Electronic Pollbook

### ELECTION DAY
Prepping 100's of pollbooks and dreading it? Precinct Central makes it simple with Over The Air (OTA) notifications. Send a command to all of your units to remove or download a database from your desk and cut your prep time in half!

### ELECTION WORKER PAYROLL
Leave paper timesheets in the past! All of your election workers can quickly clock-in on the Touchpad even if they are a last-minute add-in!

### SAME-DAY REGISTRATION
Not Registered? No Problem! Use the Touchpad to register them new voter in seconds!

### BALLOT RECONCILIATION
Banish the late night ballot count paperwork for good! Your election workers can reconcile on the Touchpad and you get that update on your desktop.

### EARLY VOTING
Our Touchpad allows for an early voting mode allowing voters to vote based on any voting location configuration.

### 100% ABSENTEE MANAGEMENT
The Touchpad easily identifies any absentee requested or absentee returned voters with easy-to-follow screens and prompts for the election worker. Manage surrenders, re-issues, and real-time cancellations where allowed!"

### PUBLIC ENGAGEMENT
Durable. Powerful. And it Flips! Forget the knots and tangles of a swivel. The Flip & Share stand makes it easy to flip the screen to the voter for their signature or confirmation on the screen even if you're plugged in.

### POLLING LOCATION MONITORING
Monitor your election and voters from the comfort of your desk! View all current Touchpad statuses and check-ins without a single phone call.

### VOTE CENTERS
Any voter. Any vote center. All on the Touchpad.
Precinct Central accommodates a Vote Center mode that can check in any voter on any Touchpad and you can rest assured all other Touchpads got the memo.

### AIR BALLOT PRINTING
Handle thousands of ballot styles and only print what you need! Reduce your waste and cost in one simple step.

Precinct Central Touchpad is a highly customizable ePollbook solution that runs on the award-winning iPad hardware platform. This hardware platform, along with the intuitive software from Tenex, offers familiarity and ease of use for poll workers. There are no additional peripherals required for reading barcodes and gathering voter signatures. The platform is lightweight, ergonomic and easy to setup, operate, transport, and store.

Precinct Central Console is a real-time comprehensive monitoring and election configuration platform that allows elections staff to monitor devices, users, communications, and performance metrics, all on an easy to use, dedicated computing environment. All Customers receive a private, secure, and isolated environment for monitoring election activity in real-time from the office. Tenex understands that management staff on Election Day can be stretched thin and will need access to important election information on-the-go from wherever they are. A mobile website of the Precinct Central Console provides direct access to critical election information to officials who can quickly respond to issues in the field. The Precinct Central Console is also the election office portal for all pre-election setup activity and post-election data reconciliation, auditing, and export.
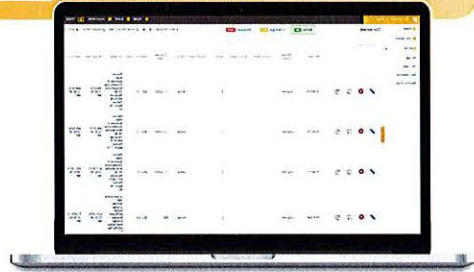
## DOCUMENT ARCHIVE
### Paper Storage Solution

- Maintain retention rules for different document types

- Keep track of the location of documents by type, year, election and more

- Easily identify where retained paper documents live

- Automatic alerts when documents can be disposed

## ELECTION RESPONSE
### Help Desk

Don't settle for tools built for someone else! Election Response is an election-specific help desk solution that reduces staffing requirements while quickly and efficiently managing support needs.

66

"Tenex's product line is an exciting solution to the critical problems that arise in the fluent atmosphere of election work. By partnering with Tenex, we have enhanced our voter, election worker and staff experiences. This is critical for election work. I am proud to work with such a passionate company."

Carol Lovas, Deputy Director
Ashtabula County, OH BOE

Manage tickets, incident types and categories, technicians, and more

Track technicians in real-time with a GPS enabled mobile app

Maintain continuity and reporting on each issue for post-election follow-up

Make your phone bank your first line of defense with real-time troubleshooting tips when entering issues

# ELECTION AIM
## Inventory Management

Keep track of all election assets and supplies with Election AIM. You will always know where all of your equipment is, how much is needed for each election, how election equipment should be packed, all chain of custody and seal information, if equipment has been delivered or returned, and more.

Allocate equipment and supplies to your locations

Create custom barcodes for easy management and equipment status updates

Manage your inventory with real-time info on storage locations, current status and more

Compatible iOS Mobile App



# READY BOARD
## Custom Election Status Tracking

Create custom color-coded boards to track high-level election tasks at a glance

Provide quick access to location contact info when statuses are behind

Compatible Mobile App for on-the-go status updates

Integrates with Election AIM for automated equipment status boards

# ELECTION FORCE
## Election Worker Management



## TRACK PAYROLL AND EXPENSES

Payroll can be cumbersome when training, milage, and other expenses get involved. View cost projections and itemize payroll expenditures by election, job type, and other categories.

## SCHEDULE STAFF AND TECHNICIANS

Use employee profiles to view staff availability and contact information. Assign shifts and classes or allow your workers to register independently without having to contact the elections office.

## MANAGE WORKER APPLICATIONS

Review and process worker applications submitted through the Election Force Worker Portal. Send automatic, custom acceptance notices and other correspondence!

**Track Payroll & Expenses**

**Election Plan Setup**

**Schedule Staff & Technicians**

**Provide Workers with Real-Time Info via the Portal**

**Manage Training Classes, Grades, and Attendance**

**Poll Worker Profiles**

## ELECTION TODO
### Project Management

| | |
|---|---|
| Developed solely for elections | Track priorities and work progress |
| Manage shared election calendars | Quick notes and integrated emails |
| Color-coded task types | Copy and reuse project plans |



## 10X UNIVERSITY
### Online Training

| | |
|---|---|
| Create dynamic course content | Automatic class registration by job |
| Track grades and course progress | Email alerts and class updates |
| Reuse rosters and course content | Integrates with Election Force |

# STREETS / DISTRICTS & GIS
## Street & District Management

| | |
|---|---|
| Multiple map-based views | Set up precincts and districts |
| Create and define district types | Assign voting locations |
| Create ballot styles | Location redistricting |



# ELECTION PAL
## Vote Location Management
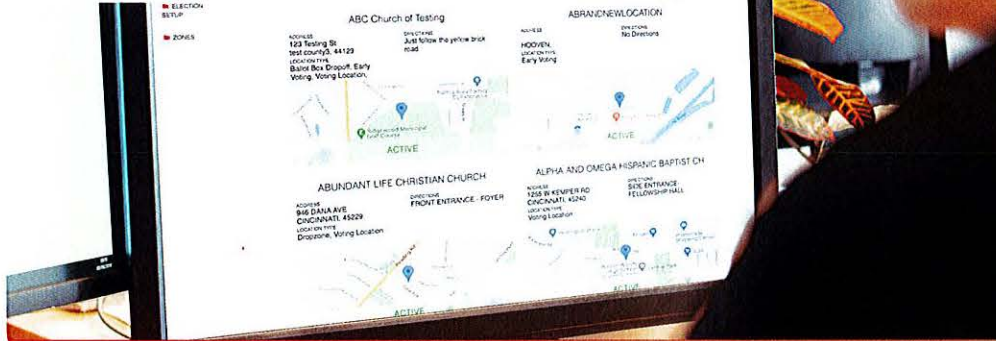
| | |
|---|---|
| Precinct and location search | Maintain custom location accessibillity attributes |
| Assign voting locations | Create detailed location profiles |
| Upload contracts and documents | Store building contacts |

## VOTER CENTRAL
### Voter Management System

**Voter Lookup**

**Batch Registration**

**List Maintenance**

**Heads-Up Data Entry**

**Automatic Validation**

**Voter History**

### PROCESS VOTER REGISTRATION FORMS

Use batch registration to process multiple registration forms with ease. Create document types to accommodate various registration forms that may apply to your voters.

### DATA ENTRY — REDEFINED

Voter Central's Heads Up Data Entry method isolates document fields and assigns them to corresponding fields within the voter registration system, speeding up the data-entry process.

### VALIDATE VOTER REGISTRATION INFO

Compare street names, addresses, zip codes, and other registration information provided by applicants against official records to ensure the accuracy and integrity of your voter data.

# ABSENTEE PROCESSING
## Absentee Management

**Absentee Processing**

**Vote By Mail**

**Assign Ballot Styles**

**Batch Processing**

**Request History**

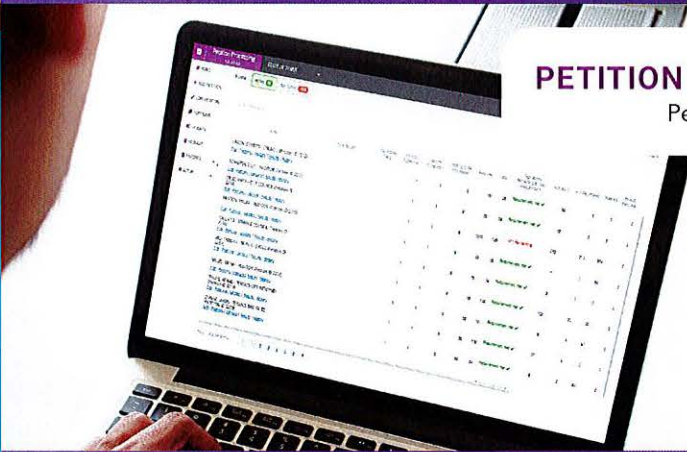**Signature Validation**

## PROCESS ABSENTEE REQUESTS

The Vote by Mail Processing module allows elections offices to complete the full vote by mail lifecycle through the voter request, ballot delivery, and ballot return process.

## PREPARE ENVELOPES

The Absentee module contains a 'Print Envelopes' function that allows election officials to print customized templates for selected recipients.

## REVIEW VOTER REQUEST HISTORY

The Absentee Reports Function allows election officials to search specified absentee voters' history. This functionality can be used to confirm the status of each absentee voter, their absentee history and the status of their ballot.

## PETITION PROCESSING
### Petition Management

Set up petitions

Petition signature validation

Create petition reports

Scan petition documents

Link similar petitions

Track signatures needed



## ELECTION LINK
### Online Voter Services

Online voter registration

Request an absentee ballot

Track absentee ballots

Look up a voter

Update voter information

Access voting location details

## LOBBYIST MANAGEMENT
Lobbyist Management

| Register any kind of lobbyist | Submit & approve expense forms |
| Public-facing lobbyist portal | Create & publish financial reports |
| Pay registration fees | Send registration reminders |



## CAMPAIGN DESK
Campaign Management

| Graphical display | Real-time alerts |
| ADA compliant | File reports on-the-go |
| Transparent financial reporting | Know your candidates & PACs |

## LIVE RESULTS



### Election Night Reporting

ADA Compliant

Real-Time Alerts

Device Compatibility

Graphical Display

Highly Customizable

Secure Web Platform
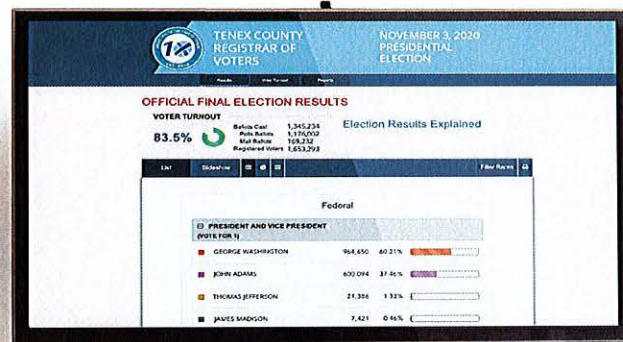


## WE MADE IT EASY

As a premier provider of web-based and mobile solutions for the elections office, Tenex offers Live Results for election night reporting.

## DESIGNED FOR YOUR NEEDS

Tenex places great emphasis on usability, security, scalability and customizability and as such, Live Results was designed with these four very important principles in mind.

## FLEXIBLE AND SCALABLE

The emphasis on scalability and customizibility ensures that all products will meet the changing and growing demands of today's elections.

# SERVICES

## IMPLEMENTATION

Starting from an implementation framework based on industry best practices, the Tenex Professional Services Team works closely with our customers' to deliver high-quality implementations. Tenex thoroughly understands the nuances of elections and that each organization's priorities and processes are unique, and caters our implementation services to meet the needs of each customer individually.

## TESTING

Using deep domain expertise of our software developers, we create impactful software solutions that drive meaningful change with a strategic vision. Tenex is continuously innovating and enhancing our software products to bring the latest technologies and features to elections. Customer input is key to our product development vision.

## SUPPORT

Tenex is dedicated to the unique needs of elections, and our support services and schedules match the spikey and sometimes 24/7 needs of election offices. Tenex offers real-time remote support from our 100% US based Professional Services team, and on-site support for customers that need an in-person presence.

# TRAINING

| In-person training

| Remote training for election workers

| Online training database

| Custom guides and video tutorials

| Flexible for your specific needs
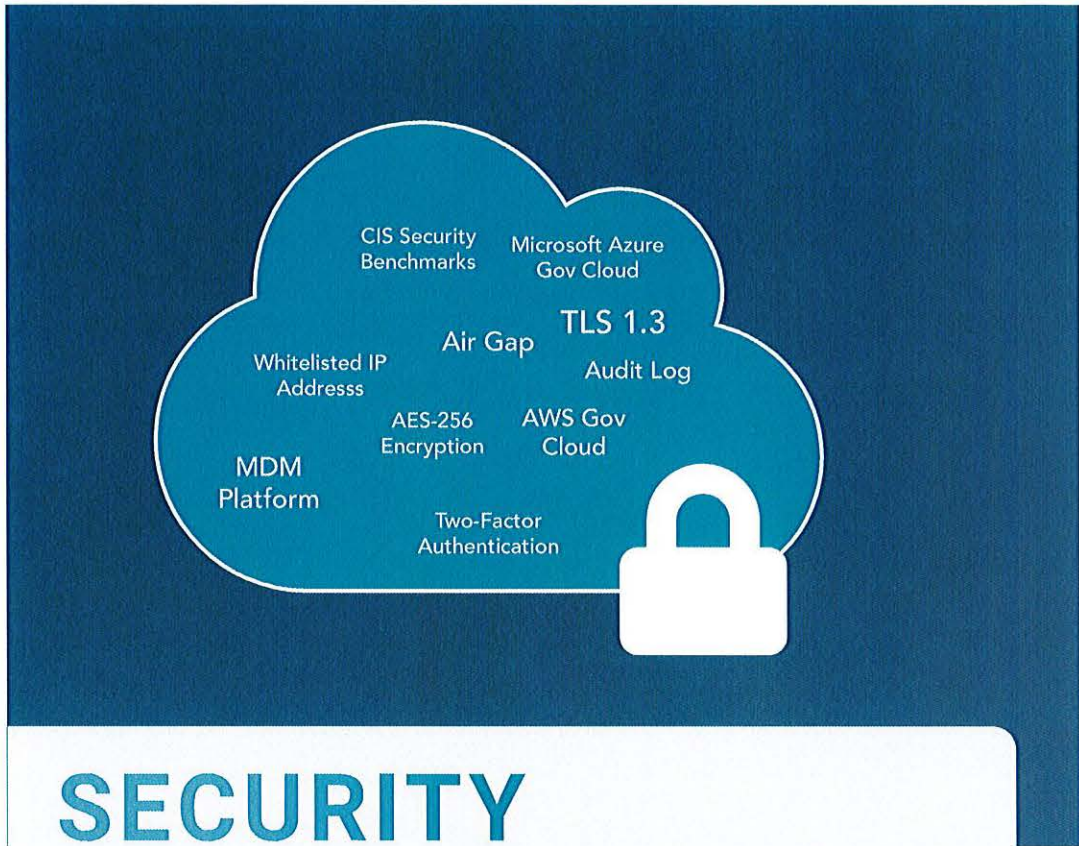
# SECURITY

Department of Homeland Security Reviewed & Tested

## SECURE PLATFORM

Meets the FIPS 140-2 security standard required by the US Government. No external peripherals required to be attached to the iPad. Prevents apps from writing to unauthorizes parts of the file system. Hashed encrypted and never communicated in plain-text format. Uses encryption methodologies such as SSL/TLS, FTPS, and HTTPS.
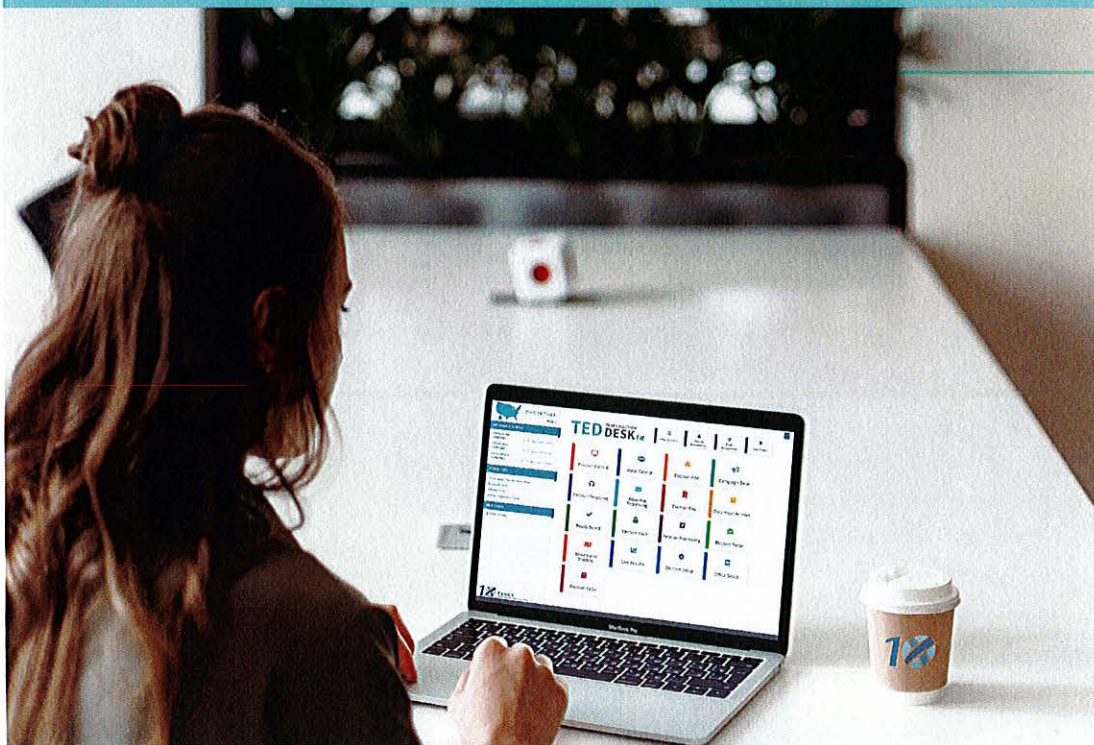
## STRICT PASSWORD ASSIGNMENT

A strict password assignment scheme is followed, ensuring users create strong passwords. All passwords are hashed and encrypted and never visible or communicated in plain-text format. Users can be locked out of accounts after too many invalid login attempts and accounts can be disabled as needed.