



# 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

