New Voting System to Debut in the November 5, 2019, Consolidated Municipal Election

In early 2019, the City approved a lease agreement between the Department of Elections and Dominion Voting Systems for the use of Dominion’s voting system to conduct elections in San Francisco. This means that San Francisco voters will begin using the new voting system in the November 5, 2019, Consolidated Municipal Election.

The new voting system, Democracy Suite, has several advantages over the previous system. The new system features a more intuitive method for marking the ballots, allows voters to rank a greater number of candidates in contests that use ranked-choice voting, and provides simpler ballot navigation for voters with disabilities. The new voting system also enhances election transparency and security by using a paper-based optical scan tabulating equipment to create annotated images of voted ballots for public viewing and verifying election results.

We invite you to explore this page to learn more about the new voting system and to provide your input on the Department of Elections’ planned outreach efforts to inform the public about the changes!

📝 Intuitive Ballot Marking
Voters will continue to use paper ballots to cast their votes. However, voters will fill in ovals next to their selections, instead of connecting arrows.

👥 Increased Number of Rankings in Ranked-Choice Voting Contests
Using an efficient grid layout for ranked-choice voting contests, the new system allows voters to rank up to a maximum of 10 candidates, instead of the limit of three candidates that the previous voting system allowed.

♿ Expanded Accessibility
The new accessible ballot-marking device offers better audio and touchscreen interfaces, and is compatible with a number of assistive devices.

🔍 Improved Transparency
Digital images of voted ballots and records of how the equipment interpreted vote-marks will be posted online. Members of the
Website Content on New Voting System

Public can download and tally these images to independently verify election results.

- **Enhanced Security**
  No part of the new voting system connects to the internet at any time or electronically receives or transmits election data through any type of external communication network.

- **Intuitive Ballot Marking**
  - Voters fill in ovals instead of connecting arrows
  
  The new voting system offers a more intuitive way to mark paper ballots. In recent elections, voters have connected arrows pointing to their choices on the ballots. Now, voters will fill in ovals to indicate their selections.

- **Increased Number of Rankings in Ranked-Choice Voting Contests**
  - Voters can now rank up to a maximum of 10 candidates in ranked-choice voting contests

  Ranked-choice voting allows voters to rank candidates in order of preference and eliminates the need to conduct runoff elections. Since 2004, when the Department of Elections implemented ranked-choice voting, the City's voting systems could allow voters to rank up to three candidates. The new voting system allows voters to rank up to a maximum of 10 candidates in a ranked-choice contest.

  The new ballot format for ranked-choice voting contests is a grid, with the names of candidates listed in the left column and rankings in the top row. Voters can rank all available candidates in a given contest – up to a maximum of 10 candidates – using the columns on the ballot to indicate their choices.

  To vote for a qualified write-in candidate who is not listed on the ballot, voters can write the person's name in the space at the end of the candidate list and fill in the oval for the rank.
We invite you to practice marking a ranked-choice contest using the Interactive Ranked-Choice Voting Practice Ballot! *(coming this April)*

To learn more about ranked-choice voting, visit the [Ranked-Choice Voting page](https://sfelections.sfgov.org/new-voting-system-debut-november-5-2019-consolidated-municipal-election).

**Expanded Accessibility**

⭐ Voters can mark their choices using a new accessible ballot-marking device, with audio and touchscreen interface options ⭐

The new accessible ballot-marking device offers better audio and touchscreen navigation and is compatible with several assistive devices. The new device also allows voters to view or hear voting instructions while marking their ballots. After marking and printing, a voter’s selections are cleared from the marking device and the printed ballot can be scanned with the same tabulating equipment used for standard paper ballots.

**Improved Transparency**

⭐ Digital images of voted ballots will be posted online to facilitate results verification ⭐

In recent elections, the City has used optical scanning machines to read and tabulate votes on paper ballots. All voters will continue to use paper ballots with the new voting system.

The new optical scan tabulation machine counts votes electronically and captures images of the marked ballots. These ballot images, which include records indicating how the votes were interpreted by the equipment, will be posted online. Interested members of the public will be able to view, sort, and independently verify election results.

**Enhanced Security**
Every polling place with have provided with an ImageCast Evolution Ballot Scanner, an optical scan tabulation machine that scans and tallies voted ballots. The equipment scans a full digital image of the marked ballots and counts the votes electronically. The ballots are then deposited into a sealed ballot box.

The tabulated votes and scanned ballot images are stored on a memory card. After the polls close on election night, the memory card is removed and transported back to the Department of Elections. The results for each polling place’s memory card are then uploaded into the total count.

Components of the New Voting System

The new voting system is comprised of several components: the ImageCast Evolution Ballot Scanner, ImageCast X Ballot-Marking Device, and ImageCast Central Count Scanner

An ImageCast X Ballot-Marking Device will also be provided at every polling place on Election Day and at the City Hall Voting Center during the 29-day early voting period. The accessible ballot-marking device features audio and touchscreen interfaces and is compatible with a number of assistive devices, including a Braille-embossed handheld keypad (audio-tactile interface), sip-and-puff systems, paddles, and head-pointers.

The ballot-marking device allows voters to change text and background colors, choose from a broader range of font sizes, and adjust the reading speed of audio ballots.

Voters can choose a ballot in English, Chinese (Cantonese or Mandarin audio), Spanish, or Filipino. Voters using the ballot-marking
device have the option to view or hear a summary of their choices and change any selections before printing their ballots. The ballot-marking device only marks a ballot; it does not count votes. The device generates and prints a paper ballot with the voter’s selections. The ballot is then scanned through the Ballot Scanner at the polling place for tabulation.

An ImageCast Central Count Scanner is a digital scanner used to tabulate vote-by-mail ballots, provisional ballots, and ballots cast at the City Hall Voting Center. This machine scans a full digital image of the paper ballot and the voter’s marks and counts the votes electronically.

Voter Outreach Efforts and Public Input

⭐ We look forward to your feedback! ⭐

To educate San Francisco voters about the new voting system, the Department of Elections will soon roll out a robust outreach program. The program will include various strategies, including newspaper notices in multiple languages, posters on Muni and BART vehicles, public service announcements for television and radio, household mailers, posts on social media, and presentations throughout the City.

These and other planned outreach efforts are discussed in the Draft 2019 Outreach Plan (PDF).

We invite you to review the Draft Outreach Plan and provide feedback on the planned outreach efforts.

Those who are interested in contributing their ideas or feedback on the Department’s planned outreach efforts may complete the Feedback Form (PDF), email sfoutreach@sfgov.org, call (415) 554-5685, or visit the Department's office to speak to a member of the Outreach Team.