

# 2021-03-11 eVoting Solutions

Kiwanis Academy Webinar

ORSHI MAR 10, 2021 12:51PM

## For the session

### PDF

March 11, 2021
KIWANIS ACADEMY WEBINAR SERIES



# E-VOTING SOLUTIONS

**evoting Solutions**  
PDF document  
PADLET DRIVE

### download the recording

Here you can download the recording of the webinar via dropbox:

[https://www.dropbox.com/s/r5wbh3k4jolmrv2/GMT20210311-175736\\_eVoting-So\\_1920x1080.mp4?dl=0](https://www.dropbox.com/s/r5wbh3k4jolmrv2/GMT20210311-175736_eVoting-So_1920x1080.mp4?dl=0)

**GMT20210311-175736\_eVoting-So\_1920x1080.mp4**  
Shared with Dropbox  
DROPBOX

### Convention 5 June 2021

For details please kindly visit the website linked below.

#### KIWANIS | CONVENTIONS

Tuesday, 18 May 2021, 19:00-20:30:

Tuesday, 25 May 2021, 19:30-20:30:

Thursday, 27 May 2021, 19:30-20:30: The

2021 Kiwanis European Convention will

be organized as an ONLINE MEETING

open for all European members.

KIWANIS



## E-Voting

### Brainstorming on Padlet

<https://kiwaniseurope.padlet.org/Borsi/5ld8h6q3q8meqluw>

### Terminology

**Election:** the formal process of selecting a person for public office or of accepting or rejecting a political proposition by voting.

Here:

- o a democratic procedure through which one or more persons are chosen as executives or representatives in certain bodies.

**Poll:** A poll is an election, or a survey of people's opinions.

**Opinion poll** (often simply referred to as a *poll* or a *survey*) a method for collecting information about the views or beliefs of a given group. Information from an opinion poll can shed light on and potentially allow inferences to be drawn about certain attributes of a larger population. When people go to the polls, they vote.

Here:

- o Polls allow decisions to be reached by casting votes.

**Ballot:** Presentation of the contest options for a particular voter.

The ballot makes secret voting possible. It is generally believed that the nature of the ballot influences a voter's choice.

**eVoting:** is the process by which a registered voter can submit a ballot using electronic means, instead of mailing in a piece of paper or going to a polling place. Generally, voters view their options on a computer screen and make their selections, much like taking an online survey.

To understand electronic voting, it is convenient to consider

**four basic steps in an election process:** *ballot composition*, in which voters make choices; *ballot casting*, in which voters submit their ballots; *ballot recording*, in which a system records the submitted ballots; and *tabulation*, in which votes are counted.

## Benefits

### Strengths associated with e-voting

- Faster vote count and tabulation.
- More accurate results as human error is excluded.
- Efficient handling of complicated electoral systems formulae that require laborious counting procedures.
- Improved presentation of complicated ballot papers.
- Increased convenience for voters.
- Potentially increased participation and turnout, particularly with the use of Internet voting.
- More attuned to the needs of an increasingly mobile society.
- Prevention of fraud in polling stations and during the transmission and tabulation of results by reducing human intervention.
- Increased accessibility, for example by audio ballot papers for blind voters, with Internet voting as well for housebound voters and voters
- Reduction of spoiled ballot papers as voting systems can warn voters about any invalid votes (although consideration should be given to ensuring that voters are able to cast a blank vote should they so choose).
- Potential long-term cost savings through savings in poll worker time, and reduced costs for the production and distribution of ballot papers.
- Cost savings by using Internet voting: global reach with very little logistical overhead. No shipment costs, no delays in sending out material and receiving it back.
- Compared to postal voting, Internet voting can reduce the incidence of vote-selling and family voting by allowing multiple voting where only the last vote counts and prevent manipulation with mail-in deadlines through direct control of voting times.

## Typical Election

Step 1

### SETUP

- election details
- ballot & notice design
- voter list

Step2

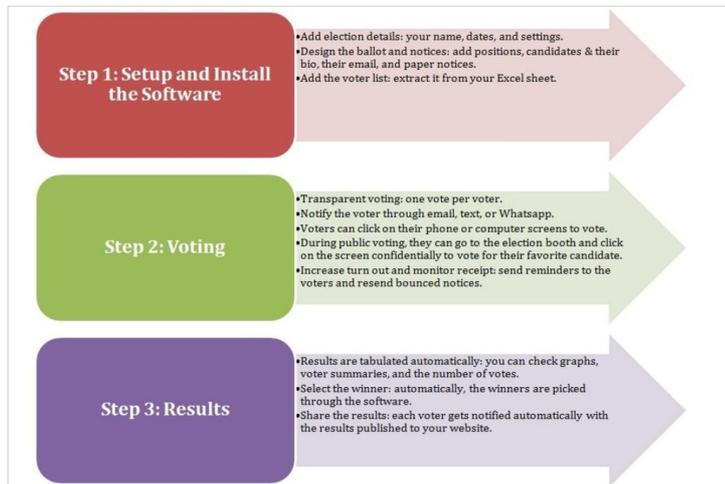
### VOTING PROCESS

- voter gets notified
- transparent voting: one vote per voter
- voting via various devices
- submitted ballot = encrypted/anonymous vote

STEP3

### RESULTS

- tabulated automatically
- in the form of graphs, voter summaries etc.
- Share the results: online, via your website/ email



## Question Types

- Plurality Voting = First Past the Post
- Preferential Ballot (ranked)
- Scored Voting (unranked)
- Nomination = Write-in
- Cumulative Voting
- Single Transferable Vote (STV)
- Approval Voting

## Secrecy / Trustworthiness

- Voter Security
- Anonymous Voting
- Independent Verification
- Email Deliverability
- 1-vote-per-voter garancy
- Election Audit
- Logged administrator and voter activity
- Internal security

## Features & Criteria

### Basic-Advanced

- simple to use
- self-service solution
- anonymous voting
- identified participation
- voter verified audit trail
- certified results
- cloud hosted
- real time voting & solutions
- multi lingual voting
- multi lingual front end
- upload list of voters
- add last minute voters
- upload last minute voters
- testing is possible
- voting results downloadable/ available online
- customizable front end
- attach photos/ descriptions to each candidate
- weighted voting

- comment boxes for feedback
- mass emailing/ periodic relindes
- multiple overlapping elections
- social media sharing
- paper voting support\*

## List of 30 solutions

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### \*Tested, \*\*out of criteria

1. eBallot
2. Electionbuddy (\*)
3. SecuredVoting
4. Simply Voting (\*)
5. Association Voting(\*)
6. Avante EMS
7. Balloteer
8. BigPulse
9. Clear Ballot
10. CU Ballot
11. Democracy Suite EMS
12. Election Runner
13. Electionware EMS
14. Intelivote
15. myDirectVote
16. nVotes
17. ONLZ
18. OpaVote (\*)
19. PCC Election Management
20. Poll Gateway
21. POLYAS
22. RankedVote
23. Scytl
24. Smartic EMP
25. TotalVote
26. Votebox
27. Mixx(\*\*)
28. Nemovote(\*\*)
29. SoGoSurvey(\*\*)
30. Nonprofit Vote(\*\*)

## Systems used for test

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### Election Buddy

<https://electionbuddy.com/>



### Simply Voting

<https://www.simplyvoting.com/>



## Alternative solutions

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### Google Meet

<https://support.google.com/meet/answer/10165071?hl=en>



## Kahoot!

<https://kahoot.com/blog/2019/11/06/word-cloud-polls-kahoot-audience-interaction/>

The Kahoot! logo is displayed in a large, bold, purple font. The word "Kahoot!" is written in a playful, rounded style with a thick outline.

## Mentimeter

<https://www.mentimeter.com/features/live-polling>

The Mentimeter logo features a stylized bar chart icon on the left, composed of three vertical bars in red, blue, and green. To the right of the icon, the word "Mentimeter" is written in a bold, black, sans-serif font.

## Slido

<https://www.sli.do/features-live-polling>

The Slido logo is the word "slido" written in a bold, green, lowercase sans-serif font. The letter "i" has a small dot above it.

## Zoom

<https://support.zoom.us/hc/en-us/articles/213756303-Polling-for-meetings>

The Zoom logo consists of a blue speech bubble icon with a white camera lens inside, followed by the word "zoom" in a blue, lowercase sans-serif font.

## Trainers

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### Jan Boen

<https://www.linkedin.com/in/jan-boen-9090411/>



### Orsolya Suveges

<https://www.linkedin.com/in/orsolya-suveges-b044251a9/>

