

Requirements:

A web application

1. It should be able to cast my vote to a particular candidate.
2. It can declare results.
3. Admin can access the results.

An online voting system is a software platform that allows groups to securely conduct votes and elections. High Quality online voting systems balance ballot security, accessibility, and the overall requirement of organization's voting system.

At their core, online voting systems protect the integrity of your vote by preventing voters from being able to vote multiple times. As a digital platform, they eliminate the need to gather in-person, cast votes using paper, or by any other means (e.g. email, insecure survey software).

You may hear an online voting system being referred to as an online election system, an online e voting system, or electronic voting. These all make reference to the same thing: a secure voting tool that allows your group to collect input from your group and closely scrutinize the results in real time.

Online voting tools and online election voting systems help you make important decisions by gathering the input of your group in a way that's systematic and verifiable.

Oftentimes, these decisions are made on a yearly basis - during an event (e.g. your organization's AGM) or at a particular time of the year. Or you might run ongoing polls amongst your group (e.g. anonymous employee feedback surveys).

It's a good idea to use an online voting system to:

Elect your leadership: A board of directors election is a good example, where there are multiple positions (e.g. chair, vice president, secretary, treasurer). All of which may include supporting documentation (e.g. biographies, resumés, headshots).

Admit new members to your group. This helps you stick to a regular, fair process of evaluation and lets candidates know what to expect.

Gather anonymous feedback from your employees. Managers (and managers of managers) want to know how their employees truly feel about their jobs and work life. Using an online voting system with a capacity for secret balloting helps employees express their true feelings, by understanding and trusting that their feedback will be heard, but not tied directly to them.

Vote on yearly budgets. And since adjustments to your budget are often needed, an online voting system will keep voting secure and accessible - no matter where the members of your group may happen to be.

Alter your operational procedures and bylaws. Just like leadership elections, expect group members to react strongly toward changes - no matter how minor - to organizational processes. You'll want to collect individual responses to these changes in a systematic manner.

In all of these cases, an online voting system will enable better decisions, justify those decisions, and let you share proof that these decisions were carried out in line with the standards of your group.

A high-quality online voting system or online election system will offer these core capabilities:

Create what is to be voted on. Build ballots that let your group vote on things or elect people.

Upload your list of voters. The individuals in your group who are eligible to vote on ballots need to be uploaded into the voting system. Often, you'll have the option of grouping these individuals into different segments (e.g. region, department).

Notify and follow up with your voters. You'll need to let your voters know about upcoming votes and elections. And you'll probably want to remind those that haven't voted.

Gather and report on your results. After you vote, you'll want to determine who or what won out over others. This may be an internal review or you may want to immediately share the results with your group.