



# Estonia Elections 2014 – 2015

Overall turnout has risen since the introduction of i-voting

## Achievements

Used in **8** consecutive national elections

**12%** of i-voters used mobile phones to authenticate themselves

Enfranchised Estonians in **116** countries

**31%** of the voters cast their ballot online

**60%** of advance voting was done online

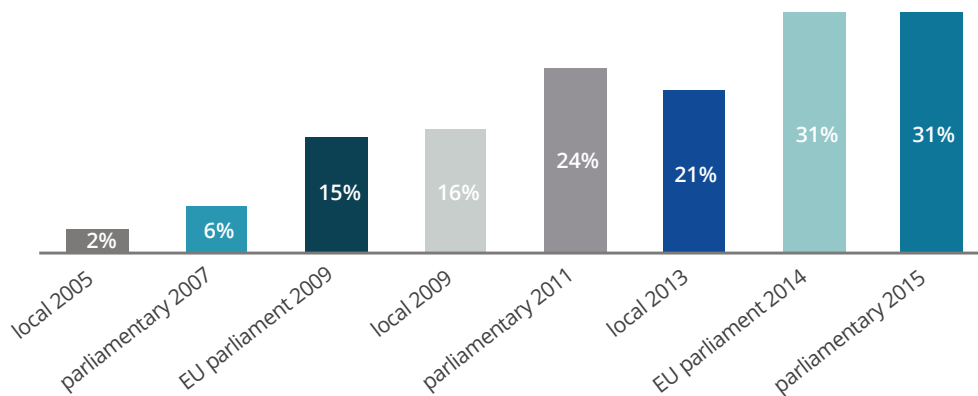
## Internet voting in Estonia

The Estonian i-voting solution is the longest-standing, most technologically advanced, and highly trusted internet voting solution in existence. It has been used to support every binding, governmental election held since 2005.

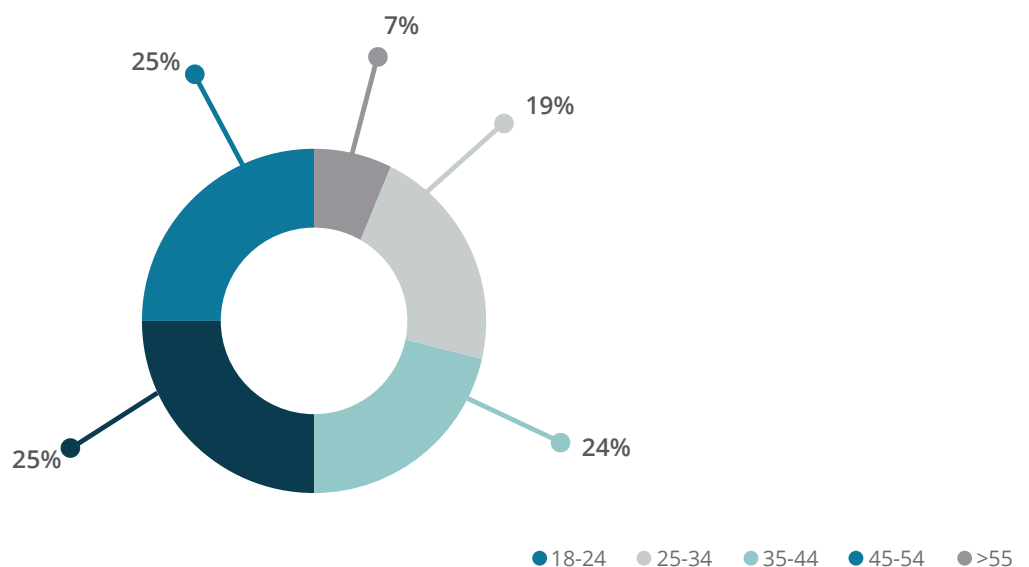
Such is the level of public trust in the system that during the last two elections, 31% of the participating voters chose to cast their ballot online.

The 176,328 i-voters who used the system in the last elections, Parliament 2015, represent an increase of 25% since the Parliamentary elections in 2011, and reaffirm the growth in the adoption of i-voting when only 9,317 citizens voted online.

### I-voters/participating voters



### I-voters by age



## Smartmatic and the Estonian voting system

In 2014, Smartmatic partnered with Cybernetica, the IT lab that built the Internet voting solution, to co-found the Centre of Excellence for Internet Voting (SCCEI).

The SCCEI, based in Tartu, is comprised of a multidisciplinary group of election experts that work with the government of Estonia to further advance the current platform and to adapt it, so it can be exported to many other countries around the world.

## Main principles

The Estonian voting system was designed to comply with these principles:

- **Freedom:** Voters must be able to cast their ballot free from any form of coercion.
- **Generality:** Voting must be accessible to everyone.
- **Uniformity:** All eligible voters are equal.
- **Secrecy:** The vote must be secret.

To guarantee compliance with these principles, the i-voting system, built over a paper-based system, follows these guidelines:

- **Paper dominance:** A paper vote will always supersede any i-vote.
- **Optional i-voting:** Casting an electronic vote remotely is optional for all Estonian citizens.
- **Advance voting:** Internet voting is one of the options Estonians have to cast a ballot in advance. Voters can also cast their ballots by post prior to election day and also at designated polling stations.
- **Multiple voting:** Voters can vote or i-vote as many times as they wish. Only the final vote is counted. Any in-person vote will have supremacy over any i-vote.

## Technology components

The Estonian i-voting solution consists of three basic software components:

- **I-voting client application:** This user-friendly application allows voters to cast i-votes from a wide range of platforms. It can be customized to support any kind of election.
- **I-voting system:** It is comprised of a group of protected servers that collect, store, tabulate votes and create reports for election management. All these servers are controlled by the election commission.
- **I-voting verification application:** Because every voter should be certain that their vote is counted as intended, this mobile app allows voters to confirm that their vote was registered appropriately.





Continent: **Europe**

Country: **Estonia**

Capital: **Tallinn**

Estimated population: **1,257,921**

Government type: **Parliamentary republic**

Administrative division: **15 counties**



## About Smartmatic

Smartmatic is the world's leading elections and voting technology company. Since forming in 2000, it has developed and implemented technology solutions that help authorities run efficient and transparent elections.

Today, Smartmatic offers a comprehensive portfolio of unique and innovative technologies and services to improve every stage of the process.

Its technology has processed over 3.7 billion votes in election projects on five continents.

Smartmatic is headquartered in the UK and serves its customers through an organisation of more than 600 employees working in 16 offices around the world.

[www.smartmatic.com](http://www.smartmatic.com)