

DERMALOG

Biometric Voting

Ensuring free and fair elections.

**One citizen,
one vote.**

Advantages at a glance:

- > Reliable voter registration thanks to biometric features
- > Biometric verification protects against ghost and flying voters
- > Adaptable to any election process



One citizen, one vote – DERMALOG ABIS for fair elections.

Free and fair elections are the most important basis for a stable democracy. DERMALOG's biometric solutions help prevent fraud in elections and make the principle of "one citizen, one vote" a reality.

National and regional elections are always a big challenge for the responsible authorities, as everybody wants to win and nobody wants to lose. As such, there are often claims after an election that the voting process was unfair or manipulated. One of the most important ways to prevent such claims and ensure fair elections is the use of biometrics.

Biometric features such as fingerprints, face or iris patterns facilitate the reliable identification of citizens and make frauds such as flight and ghost voters more difficult. DERMALOG enables secure identification with its Automated Biometric Identification System (ABIS). The solution can securely store various biometric features and match them with other data as needed. Therefore, the system is also suitable for the continuous establishment of a national electoral register.



Double identity / duplicate voting prevented by DERMALOG ABIS. The same person tried to register / vote for a second time. DERMALOG ensures singular identities by fingerprints, face and by iris (optional).

DERMALOG's biometric solution for elections can always be adapted to the individual requirements of the respective election process. The system offers several options for secure identification and registration of voters long before the actual election.

Before the election



Voter Registration

In order to vote, all citizens with the right to vote must have their personal data and one or more biometric features recorded by the responsible authorities before the election.



Voter ID Card

All registration data, including biometric features, is stored on the Voter ID card. After successful registration, this official document will be issued to the citizen.



Electoral Register

All registration data is also stored in a central database. These data can be the basis for a national or regional electoral register.

On election day



Verification of the Voter

At the polling station, the data on the voter ID card can be compared to the cardholder's biometric features, for example by taking fingerprints. A data match confirms the identity of the cardholder.



Verification of the Right to Vote

After checking the voter, his right to vote must be checked too. This is done by comparing the data on the voter ID card with the electoral register.



Voting

If verification is successful, the citizen will be able to cast his vote. The delivery of the vote can be recorded. Thus, voters can be prevented from casting votes in other polling stations (flying voters).

More information:



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