



**LogSentinel helps an
election body to
protect voter
registration database**

Business challenge

Election officials need to make sure the voter registration database for an upcoming election is not maliciously tampered with, which can disrupt the voting process.

Voter registration databases usually lack tamper protection which makes them vulnerable to silent modifications that are not discovered until it's too late. Regular backups only help if you can detect malicious modifications in order to know when to restore a backup





Solution

SentinelTrails is integrated with the voter registration database to store and **cryptographically protect the integrity of all records** by storing a trace of all modifications.

Regular checks are performed to compare the audit trail to the current state and **any mismatch is immediately flagged**. The built-in **anomaly detection** flags suspicious modification and access patterns.

Key Benefits

01

DETECTION

Being able to detect malicious tampering with voter registration data in a timely manner is crucial for fair elections

02

INTEGRITY

Malicious actors and privileged users can't modify data and leave undetected due to the strong integrity guarantees

03

TRUST

Pre- and post-election audits are made simpler. Additionally, the current state of the voter registration database can be verified independently by anyone

About LogSentinel

LogSentinel is an innovative company that takes compliance and information security to the next level with cutting edge technologies



Audit trail

Store and analyze every business-relevant event



Anomaly detection

Detect fraudulent and other anomalous behavior by people and systems



Blockchain-protected

Immutable, secure and provable to 3rd parties



Full visibility

Gain full visibility over your IT stack, including legacy systems

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