

# Scytl Secure Electronic Voting

Bringing Transparency to Internet Voting

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VP R&D

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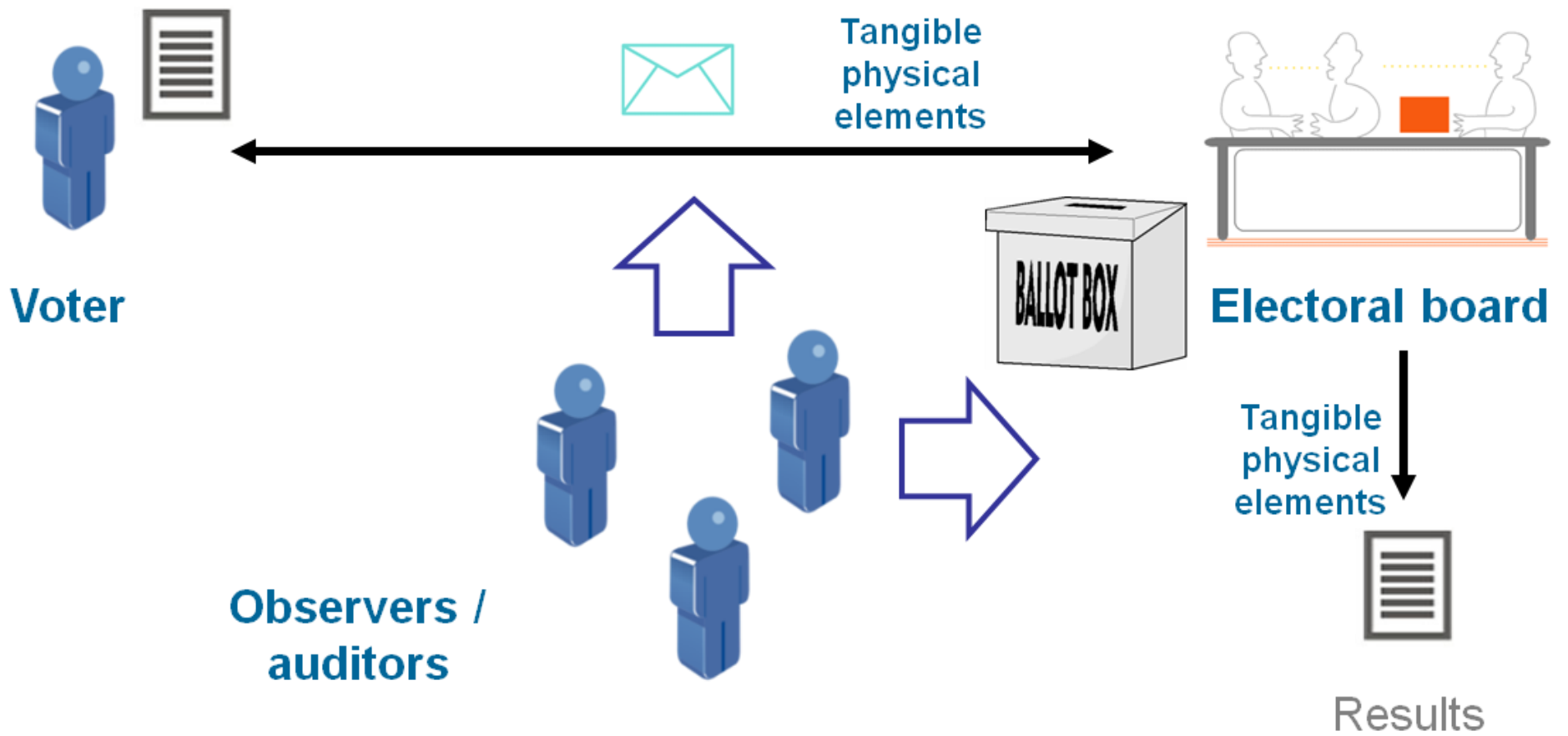


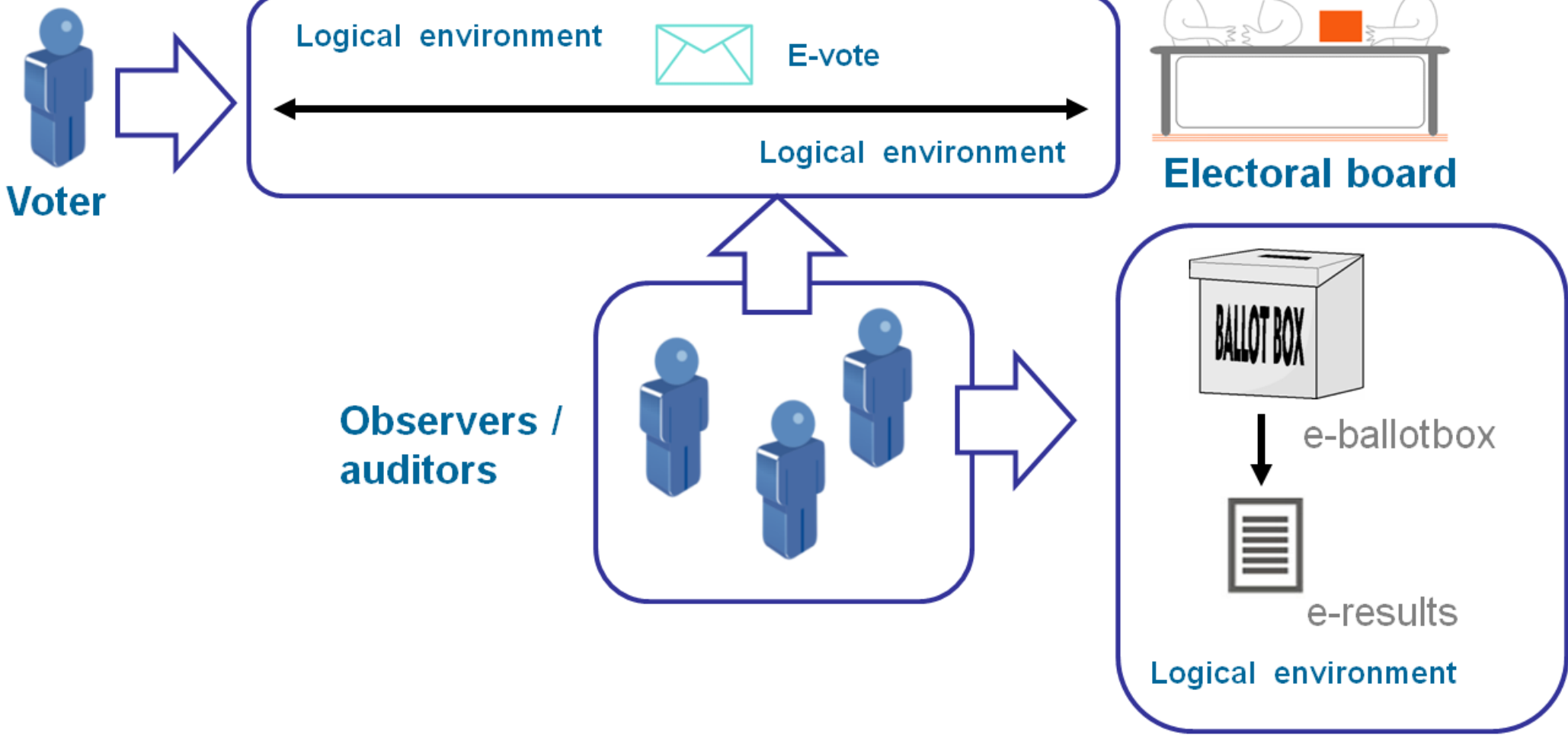
# INTERNET VOTING



# TRANSPARENCY







# STANDARD CRYPTOGRAPHY



Data Protection  
No Verifiability

# ADVANCED CRYPTOGRAPHY



Proofs of proper behavior  
Verifiability

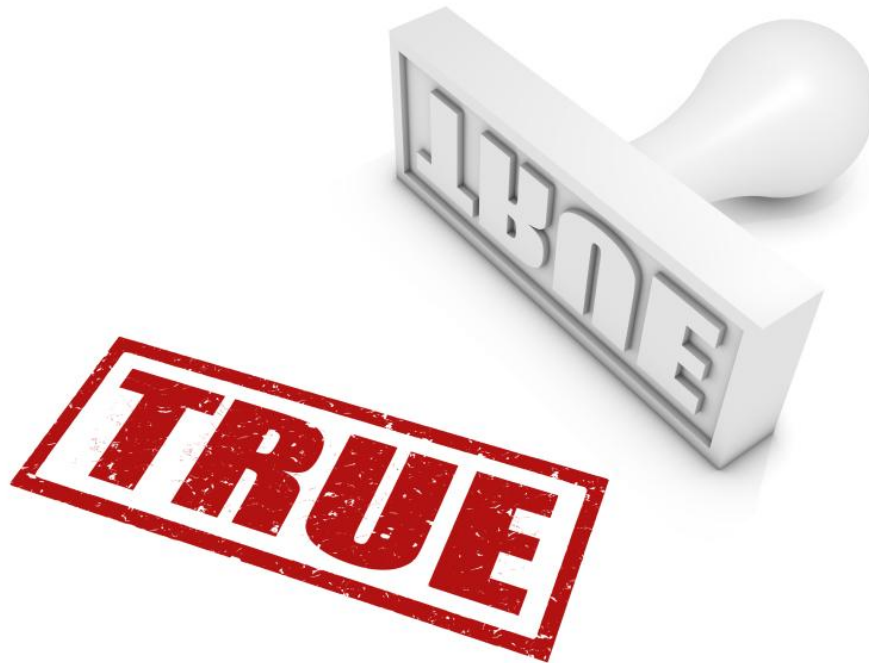
# Operation of encrypted data



Operate contents without decrypting



# Zero Knowledge Proofs



Proofs of correct decryption  
Proofs of plaintext equivalence...

# VALG

Kommunestyre- og fylkestingvalget 2011



Brukernavn 02045698156

Passord: sdppa3

Sikkerhetskoder 5ert - df8y - csd9 - u7lo - jfdb

## Parti

Disney Party

Marvel Party

## Returkode

186479

657294

## Kandidat

Donald Duck, f. 1934, Disneyland

Peter Pan, f. 1904, Disneyland

Mickey Mouse, f. 1928, Disneyland

Minnie Mouse, f. 1928, Disneyland

Aurora Princess, f. 1959, Disneyland

## Returkode

453782

083128

537287

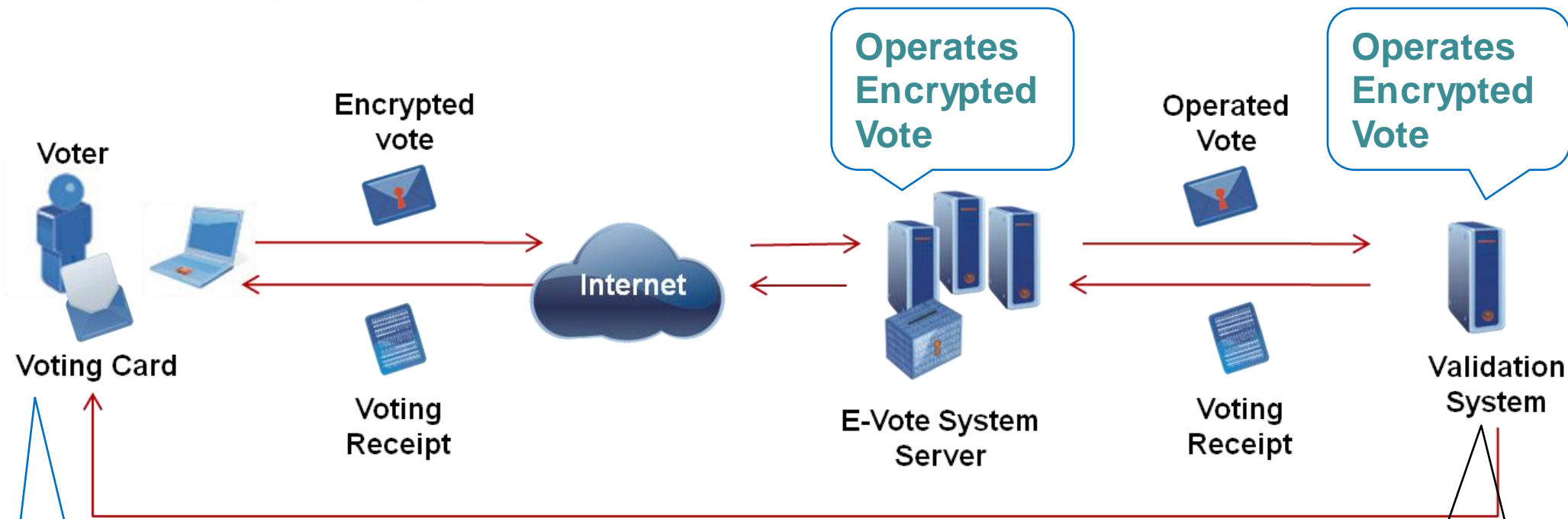
975659

736181

**Voting options**

**Return codes**



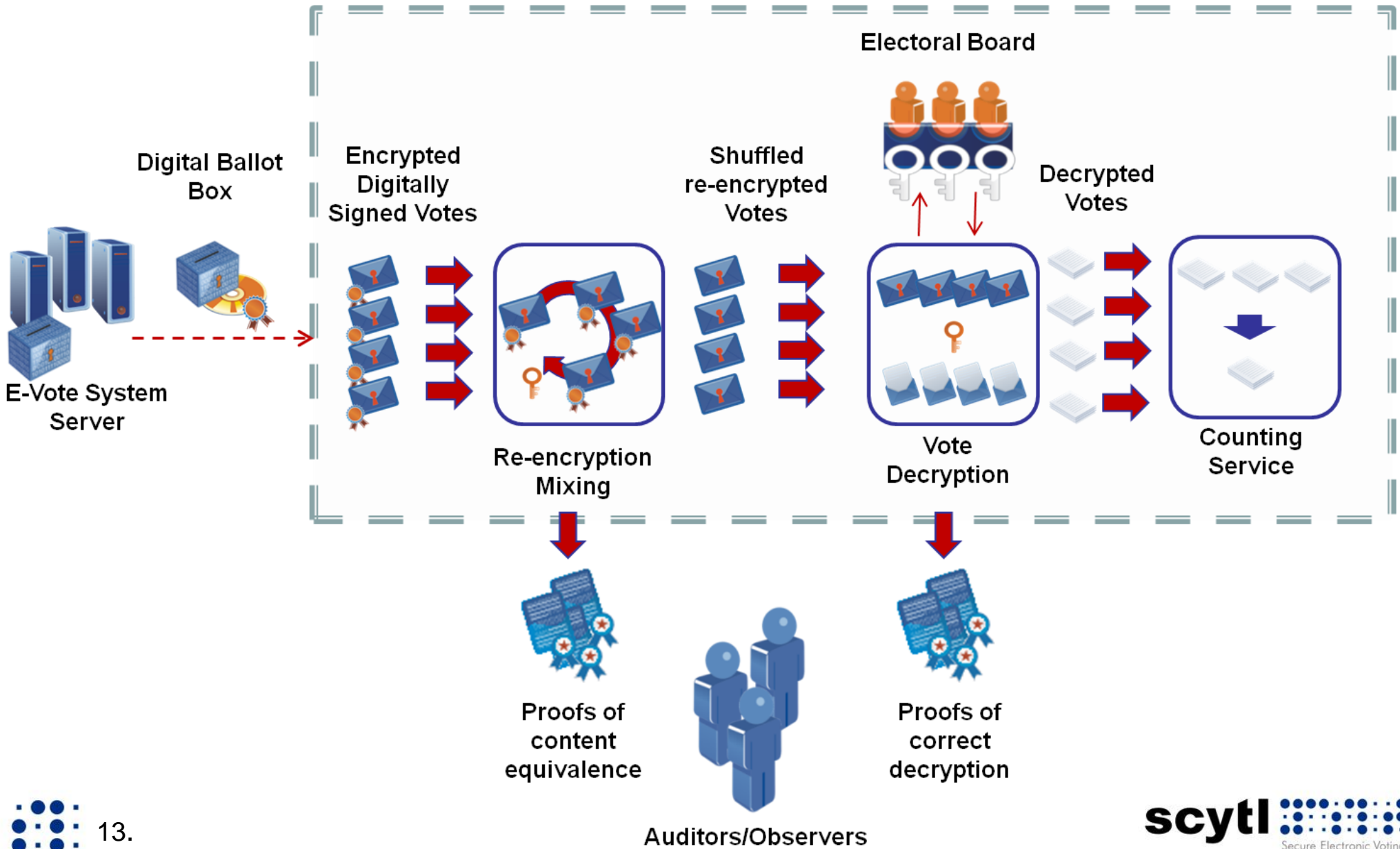


**Verifies Return Codes**

**Sends Return Codes**

Brukernavn 02045698156	
Passord: sdppa3	Sikkerhetskoder 5ert - df8y - csd9 - u7lo - jfdb
<hr/>	
Parti	Returkode
Disney Party	186479
Marvel Party	657294
<hr/>	
Kandidat	Returkode
Donald Duck, f. 1934, Disneyland	453782
Peter Pan, f. 1904, Disneyland	083128

# e-Counting



# TRANSPARENCY





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