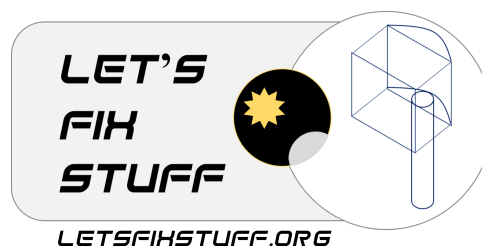
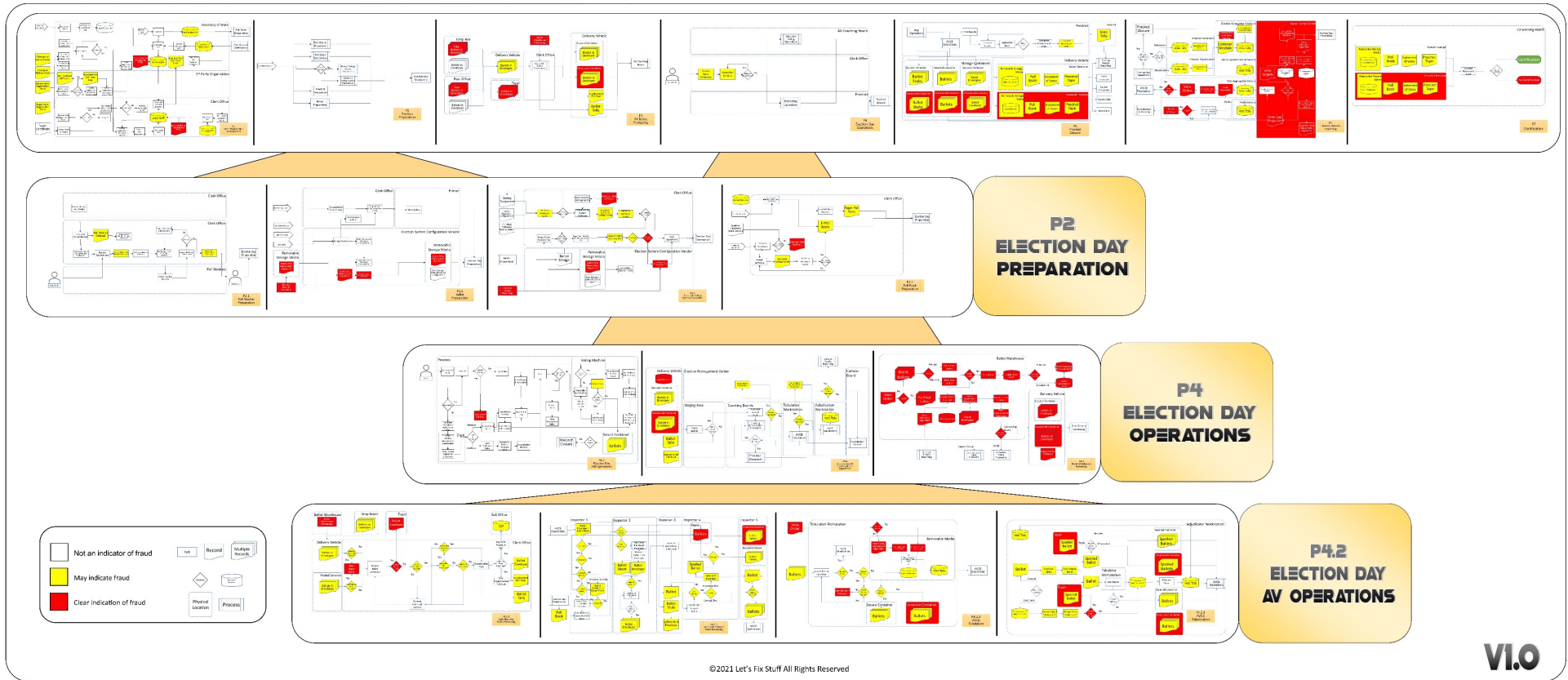


Most Secure Election in History? *Let's Find Out*

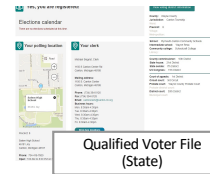
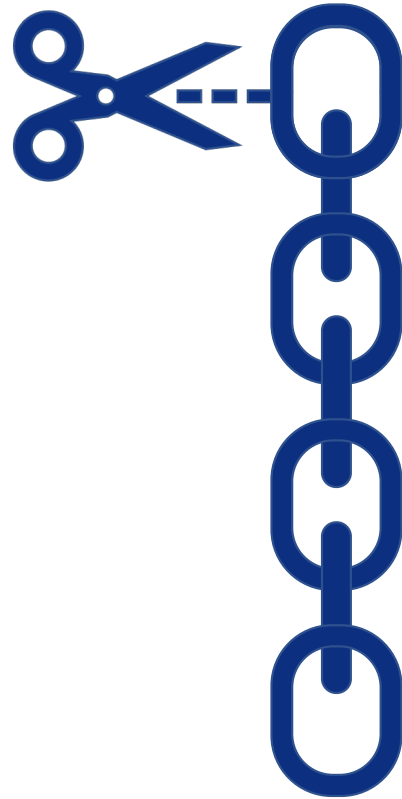
Patrick Colbeck



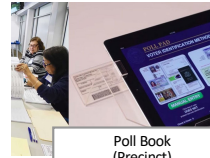


V1.0

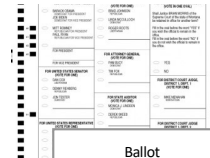
Election Process Overview



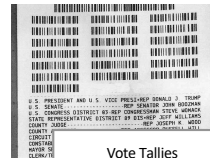
Qualified Voter File
(State)



Poll Book
(Precinct)

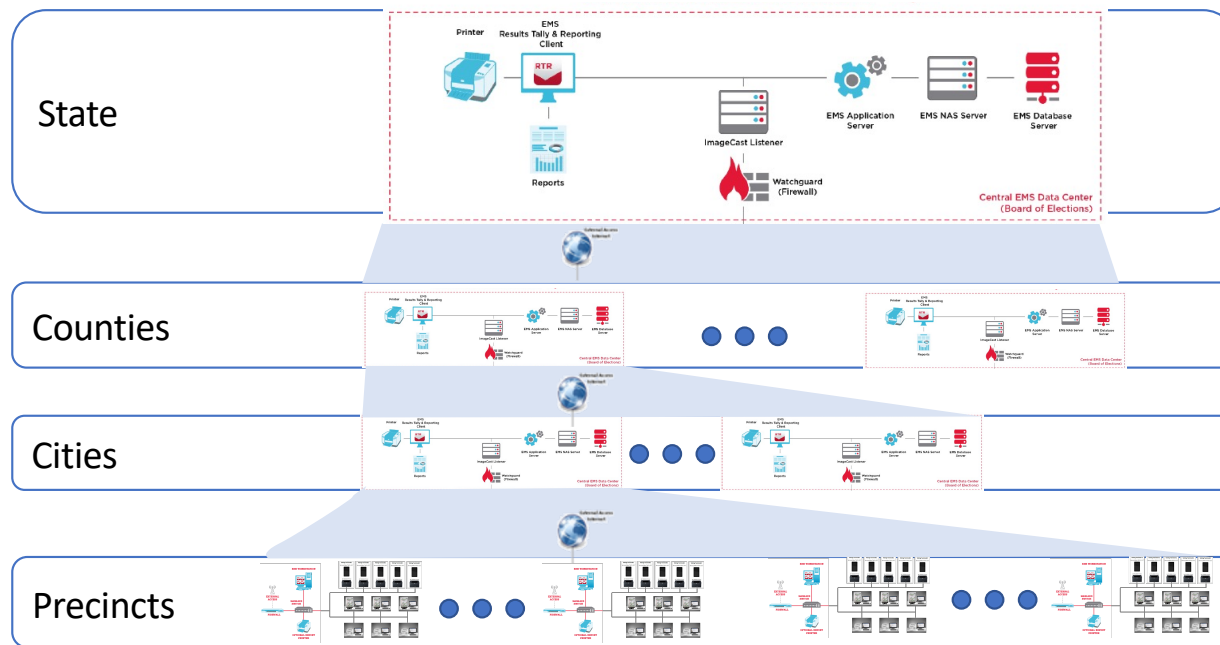


Ballot

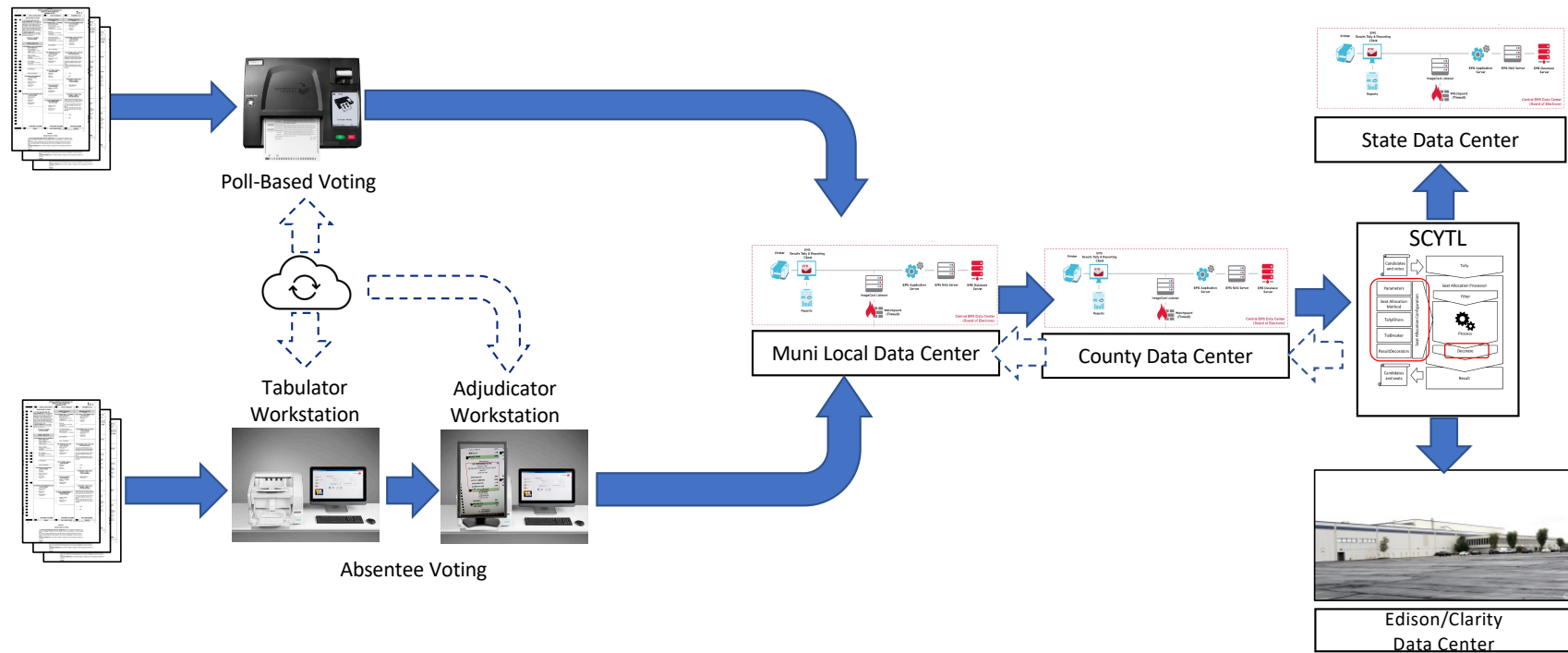


Vote Tallies

Election Records Chain of Custody



Electronic Voting Systems



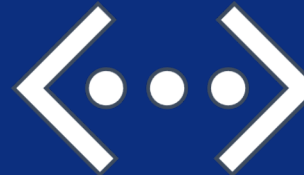
Vote Tally Data Transfers



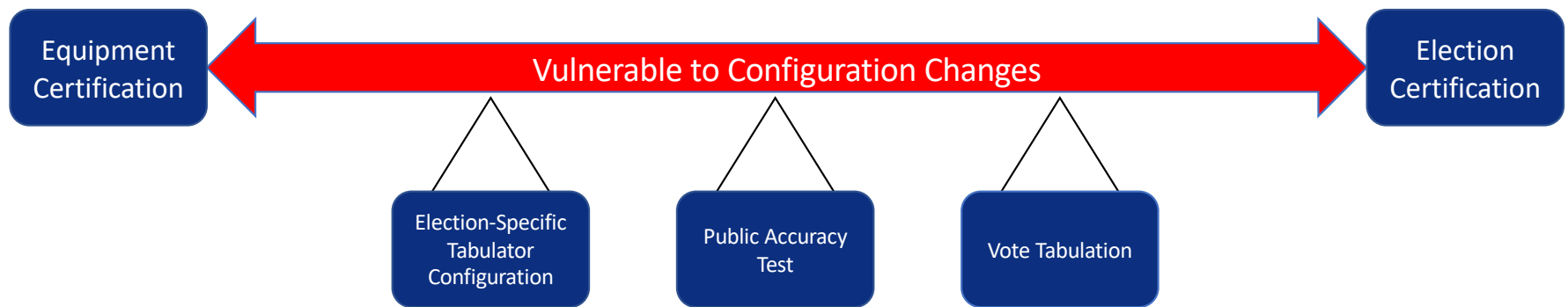
Person-to-
Person
Physical
Handoffs



Wireless
Connections

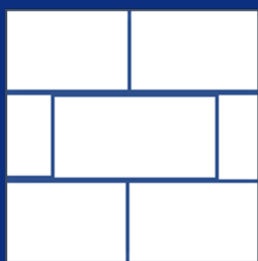


Hardwired
Connections





VPN



Firewall



Locks



Security
Personnel

How Can Data Be Secured?

Mock Election



Voter

Poll
Worker

Clerk





Mock Election Overview

Backup



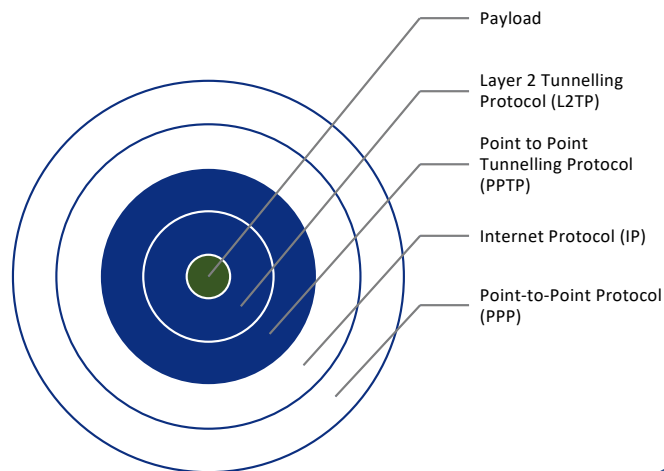
.BLX



.BIN
(Compressed Binary)



.CSV
.TXT

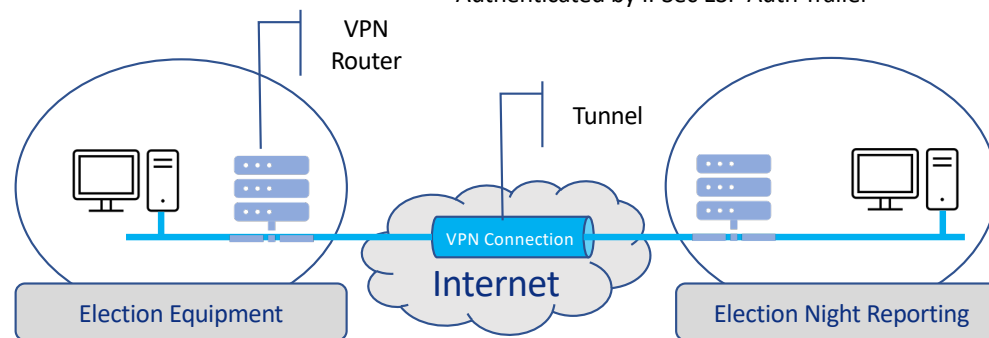


- Hides IP Address and Location
- Encrypts data



Encrypted

Authenticated by IPSec ESP Auth Trailer



How Does VPN Secure Data?

