# Election Security

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# 3 Types of Risks

1. Cyber
2. Physical
3. Legal

# 3 Types of Defense

1. Prevention
2. Detection
3. Response & Recovery

# Cyber Risks

# Voting Machines

- Owned by localities. 4 different systems used in Virginia.
- Tested and sealed by Electoral Board
- Inspected for tampering before use
- All voters use a paper ballot
- Post-Election Audit on Senate race

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# Voter Registration System

- Single Statewide System
- Scanned in 2016
- Increased security features such as
  - 2FA
  - Security Training
  - Transactions have backup documents justifying transaction
- Local back up daily during Early Voting

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# Citizen Portal & Websites

- Known issues with portal around major deadlines

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# Disinformation / AI

- Few tools and resources at local level to combat
- No laws to prevent use of or require labeling of AI generated content

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# Voter Data

- List of registered voters and voting history broadly available.
- Certain voters can have a mailing address published instead of their residence address when data is released.

# Physical Risks

# **Preparedness**

- VDEM Region 7 hosted TTX on 9/5
- Norther Virginia election offices have reviewed emergency procedures and plans
- Regular conversations with law enforcement are taking place

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# Legal Risks

# Structure

- 3-member Electoral Boards oversee elections locally
  - Nominated by political party
  - Appointed by Circuit Court Judge
  - Make up reflects the party of the Governor
  - Certify results in their jurisdiction
- Clerk of Court are custodian of records after election

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