



HOWARD COUNTY CYBER SECURITY OVERVIEW

DEPARTMENT OF TECHNOLOGY AND COMMUNICATION SERVICES

JANUARY 27, 2021

NIST BASED APPROACH

Identify

- Established strong security organization
- Asset Management in ServiceNow
- Quarterly Cyber Security Steering Group
- Participate in regional cybersecurity groups
- Conduct Cloud Provider Security Assessments

Protect

- Multi-factor authentication
- Defense-in-depth endpoint protection
- Patch and vulnerability management
- Email and web security
- Monthly phishing exercises
- Annual security training

Detect

- 24/7 monitoring and alerting
- 3rd party Managed Detection and Response (MDR) provider
- In-house SIEM

Respond

- Incident Response Plan
- Tabletop exercises
- Pre-built communications

Recover

- Offsite disaster recovery environment
- Annual evaluation of COOP and COG plans
- Application survey

NIST
Cybersecurity
Framework