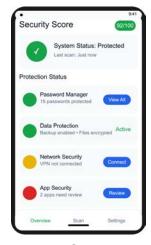


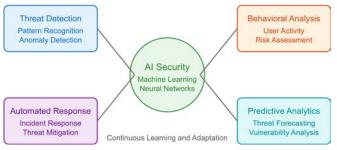
Modern Cybersecurity Advantages and Disadvantages



Password Manager
 Stores passwords safely

2. Mobile Security+ Protects phone data





3. Al Security Tools + Detects new threats

Multi-Factor Authentication (MFA)



Multiple factors required for enhanced security

- 5. Multi-Factor Authentication
- Requires extra steps



7. Smart Email Security + Blocks fake emails

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Access Control
Authentication • Authorization • IAM

Data Protection
Encryption • Backup • DLP

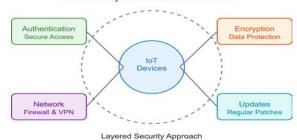
Network Security
Firewall • VPN • Segmentation

Monitoring Response
Logging • Alerts • Incident Response

4. Cloud Security

- Needs internet access

IoT Security Protection Framework



6. IoT Protection

- Updates take time

Zero Trust Security Model



Continuous Verification of Every Access Request

8. Zero Trust Security

- More login checks