

Layered Cybersecurity

Ensuring Comprehensive Protection in the Modern Age

In the world of cybersecurity, there are many different strategies and frameworks that guide teams like ours, as we build out our security offering for businesses like yours. One such strategy that we implement is referred to as “Defense in Depth” (DiD). This looks like implementing multiple layers of security, each of which protects against different types of security threats.

This way, it’s more difficult for threat actors to successfully enter your network, gain visibility into one of your computers, steal your sensitive information, and more. Even if they get past one layer of defense, there’s still multiple others to prevent them from accomplishing their goal.

An Example of a Basic Defense in Depth Plan Includes:



1. ASSET VISIBILITY

An up-to-date inventory of all devices and cloud services, along with their involved security risks.

2. NETWORK HARDENING

- Firewalls
- Intrusion prevention systems
- Role-based access
- Identity and access management
- Strong password requirement
- Antivirus
- Multifactor authentication
- Anti-malware
- EDR
- Full disk encryption
- Regular backups
- Data loss prevention solutions
- Encrypted data

3. THREAT DETECTION

- Continuous monitoring
- Live threat detection
- Cyberattack detainment
- Log collection for compliance

4. REAL-TIME RESPONSE & INCIDENT RECOVERY

A plan for how to respond if a security incident occurs, including who does what, how you’ll maintain operations, & how you’ll recover.

5. CONTINUOUS IMPROVEMENT

Regular assessments of your security policies, ensuring up-to-date and sufficient protection.

Your Partner in Protection

Setting up basic security measures is no longer enough. This modern approach recognizes the multifaceted nature of cyberattacks, offering a plan that strategically layers multiple security tools and protocols. By integrating an array of protective measures, along with regular assessments, response planning, and additional protection to address your specific needs, businesses can ensure a holistic protective shield, making them **agile, prepared, and resilient**.

Get started today by contacting me via phone or email.