How to Get Your CMMC Certification Across the Finish Line

CCS CHOICE CYBERSECURITY

GROSSMENDELSOHN
ACCOUNTING | TECHNOLOGY | WEALTH ADVISORY

BILL WALTER

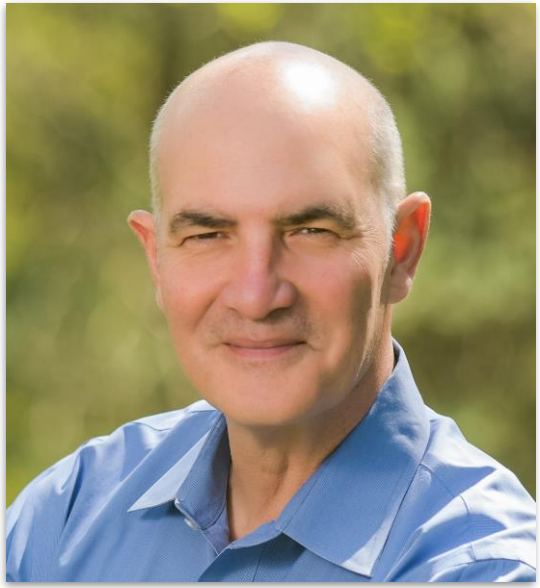
PARTNER

ABOUT BILL WALTER

Bill Walter is a partner in Gross Mendelsohn's Technology Solutions Group. He helps businesses of all types and sizes document and remediate security systems. With 23 years of experience, Bill's passion is helping organizations better use technology to operate more efficiently.

- Cyber Security
- Remediation
- Technology Best Pracitces

STEVE RUTKOVITZ



PRESIDENT & CEO

ABOUT STEVE RUTKOVITZ

For over 20 years, Steve owned and operated a very successful MSP business. With a clear understanding of the market needs, he developed an innovative Security and Compliance business process to meet the CMMC compliance.

- Security and Compliance
- Risk Assessments
- Education
- Audit Management

Security & Compliance

Security

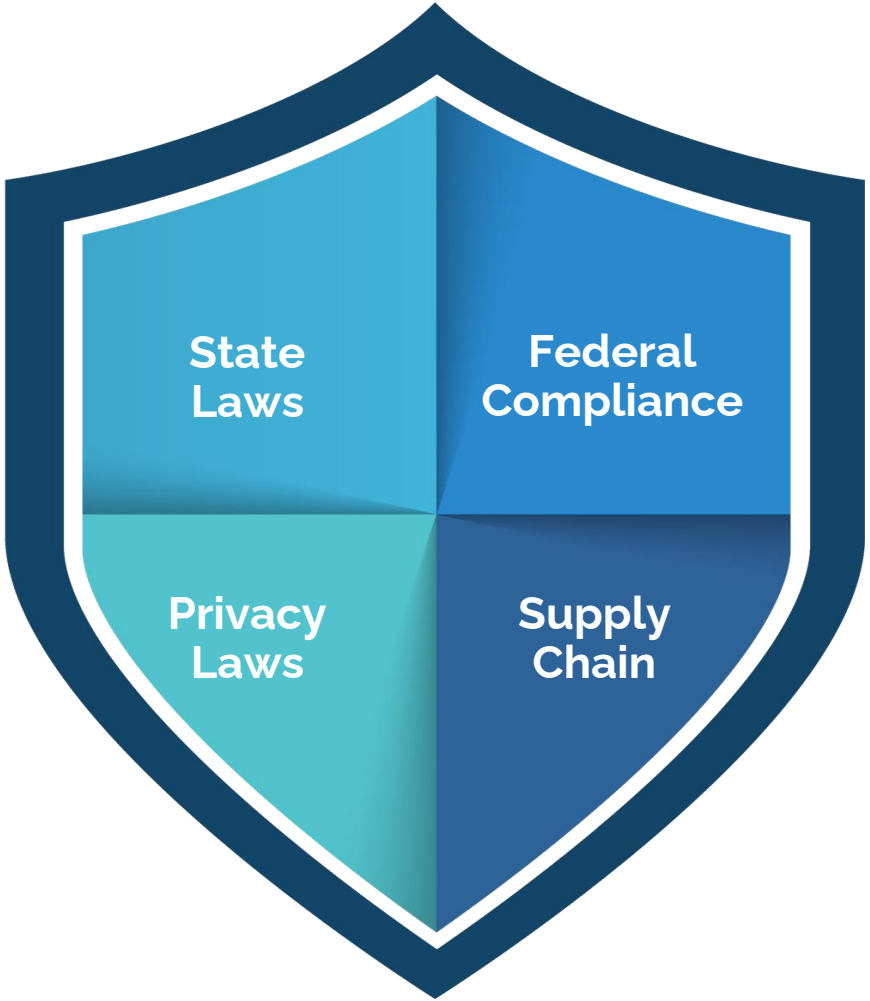
- The state of being free from danger or threat

Compliance

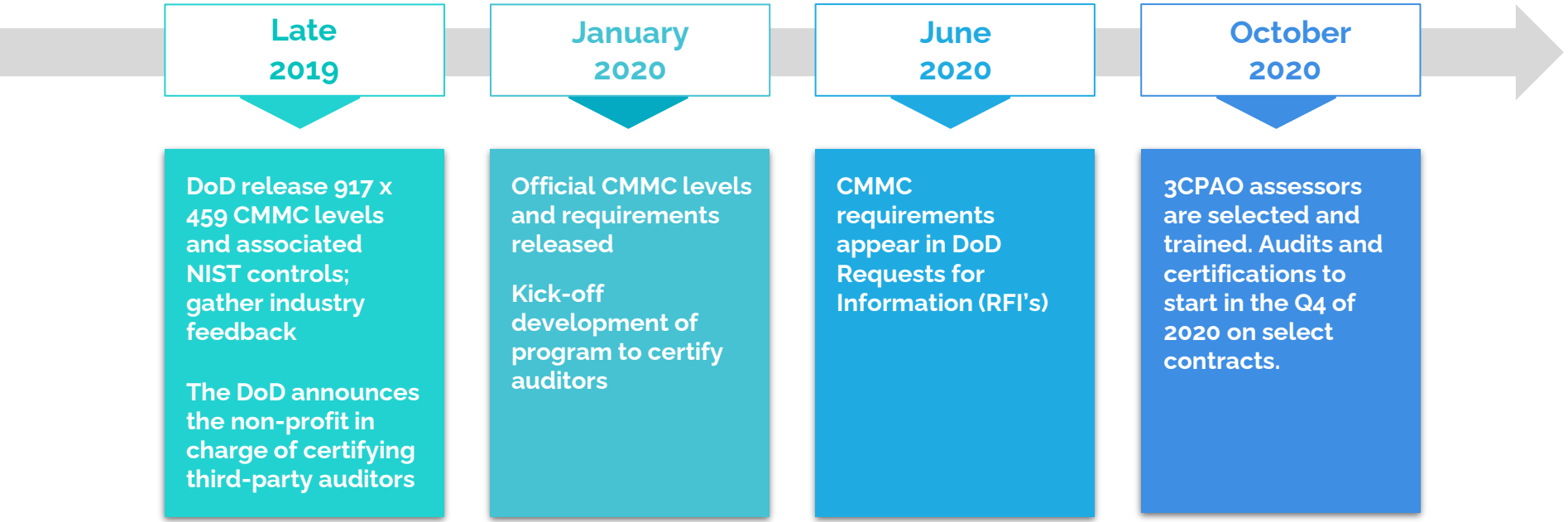
- The act of obeying an order, rule or request

BEST PRACTICES & COMPLIANCE

NIST 171
CMMC



CMMC Timeline



5 Levels of CMMC

1 Basic Cybersecurity Hygiene Practices

Practices are basic and mostly ad hoc

Processes are not established or documented

Limited resistance to data exfiltration and malicious actions

Example Practices: *Antivirus installed, basic cybersecurity governance, and basic incident response*

2 Intermediate Cybersecurity Hygiene Practices

Practices are universally accepted cybersecurity best practices

Processes are documented

Resilient against unskilled threat actors

Limited resistance to data exfiltration and malicious actions

Example Practices: *Risk management, employee awareness and training, backups and security continuity*

3 Good Cybersecurity Hygiene Practices

Minimum certification level for DoD contractors that handle Controlled Unclassified Information (CUI)

Practices include coverage of all NIST 800-171 controls

Processes are maintained and followed. Comprehensive knowledge of cyber assets

Resilient against moderately skilled threat actors

Moderate resistance to data ex-filtration and malicious action

Example Practices: *Multi-factor authentication, Information Security Continuity Plan, communicate threat information to key stakeholders*

4 Proactive Cybersecurity Hygiene Practices

Advanced and sophisticated cybersecurity practices

Processes are periodically reviewed, properly resourced and improved across the enterprise

Complete and continuous knowledge of cyber assets. Increased detection and resistance to data exfiltration

Defensive responses approach machine speed

Example Practices: *Data Loss Prevention technologies, network segmentation, threat hunting*

5 Advanced/Progressive Cybersecurity Hygiene Practices

Highly advanced cybersecurity practices

Processes continually improved across the enterprise

Autonomous knowledge of cyber security assets

Resilient against the most advanced threat actors

Defensive responses performed at machine speed with advanced analytics

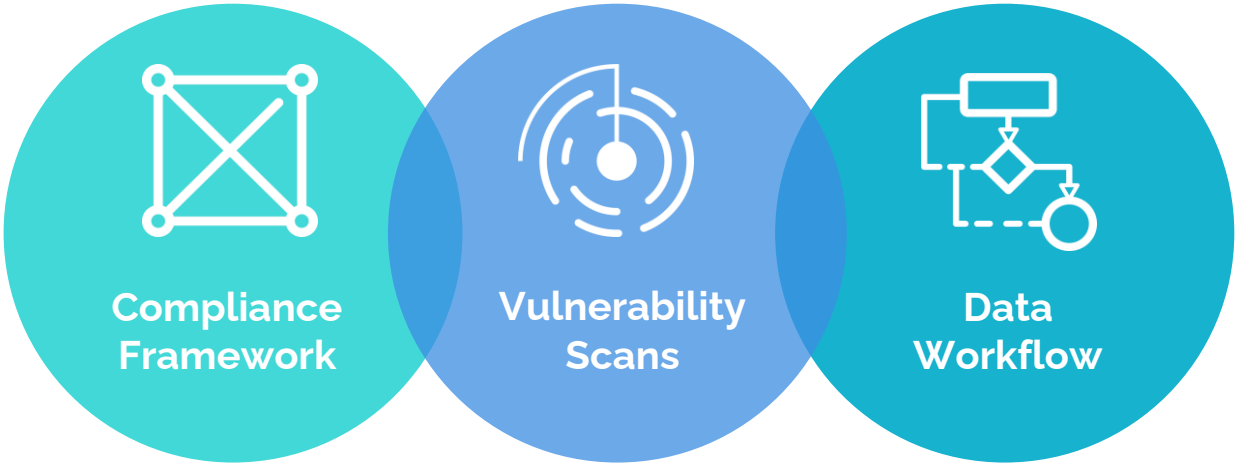
Example Practices: *Autonomous initial response actions, context-aware access control and step-up authentication, cyber maneuver operations, 24x7 SOC*

Our Assessment Process

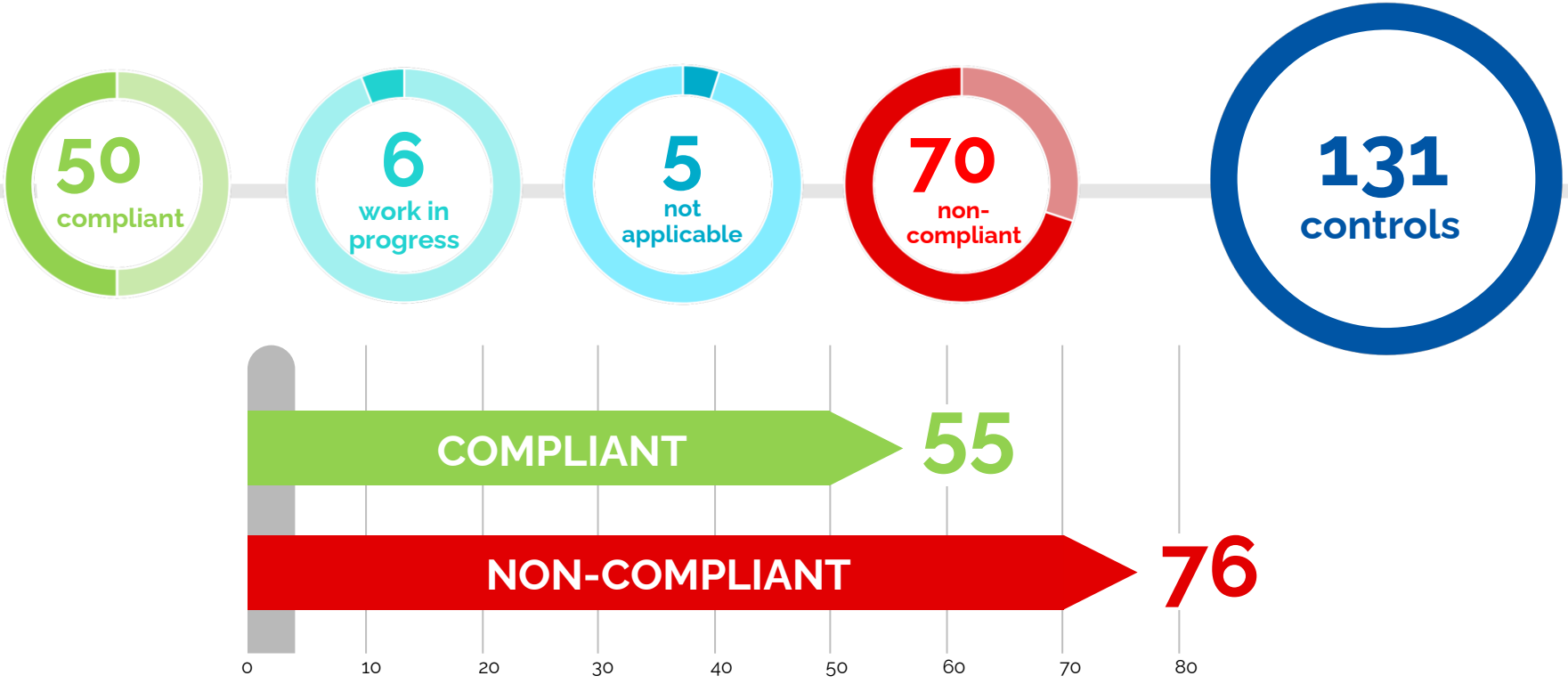
ASSESS ADDRESS MAINTAIN

Risk Assessment

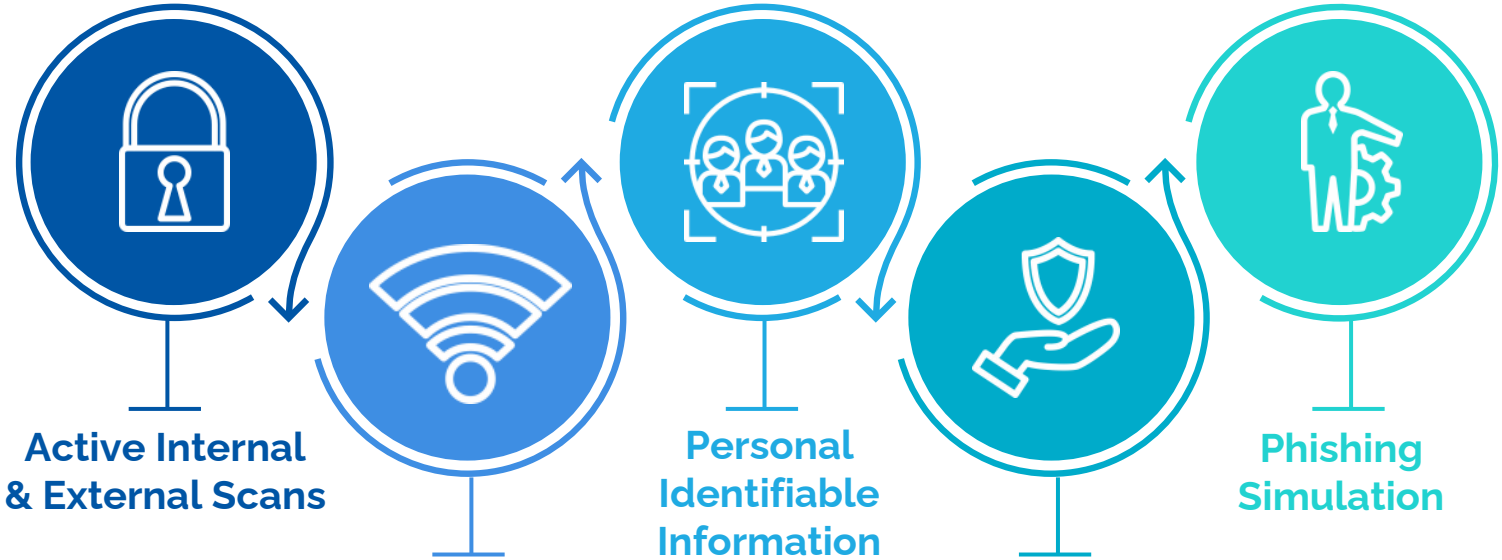
Three Components



CMMC Level 3

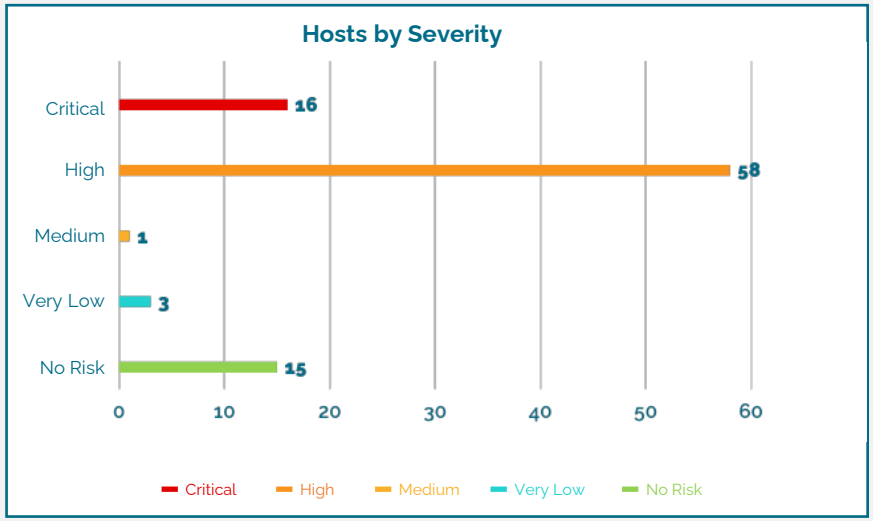

50
compliant
6
work in progress
5
not applicable
70
non-compliant
131
controls
COMPLIANT
55
NON-COMPLIANT
76
0
10
20
30
40
50
60
70
80

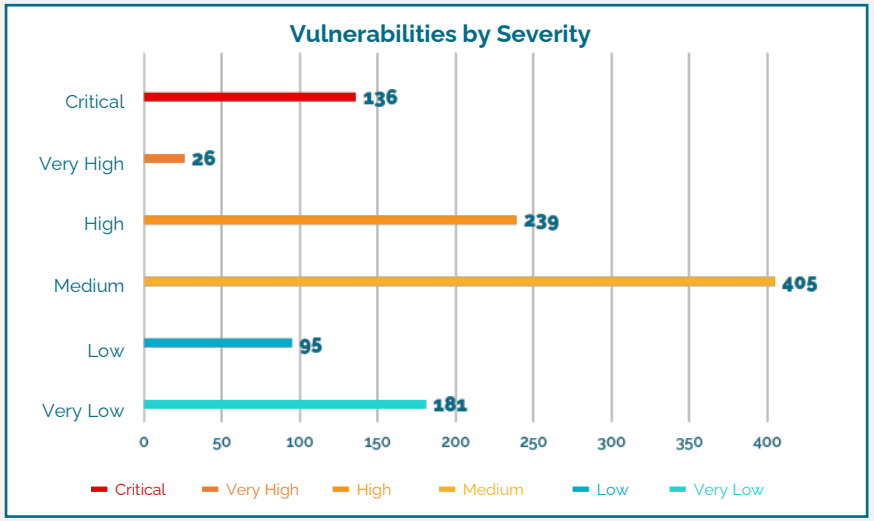
Vulnerability Scans



Summary

There are 93 hosts scanned so far and found 1082 total vulnerabilities on them.





Remediations/Solutions

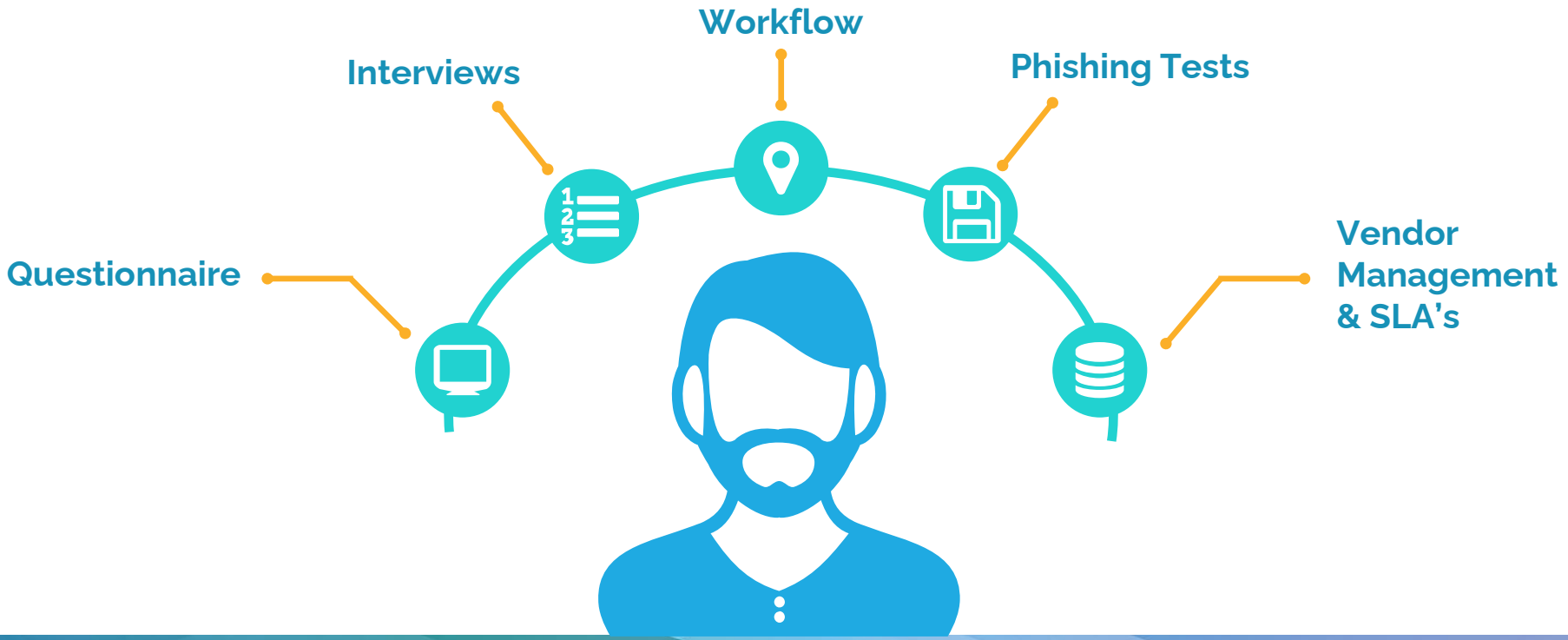
Apply **20** Remediations

To **75** Hosts

To Remediate **81.52%** Of Your Vulnerabilities

And Mitigate **92.36%** Of Your Risks

Data Flow Analysis



Acceptable Level of Risk

Executive Summary

Gaps, Risks & Recommendations

System Security Plan (SSP)

Plan of Action & Milestones (POAM)

Discovery Reports

THE STACK OF SECURITY LAYERS

ASSESS ADDRESS MAINTAIN

BASICS	Next Generation Firewall	Advanced Endpoint Protection	Protective Filtering	Centralized Management	Patch Approval & Management	Secure Backups & Recovery	Password Policy & Management
SECURITY 2.0	Endpoint Detection & Response	Intrusion Prevention & Detection	Single Sign-On	Two Factor Authentication	Email & Drive Encryption	Continuous Vulnerability Scans	Cloud Access Security
COMPLIANCE	User Awareness Training	Security Incident & Event Monitoring	Change Management	Data Leak Prevention	File & Data Encryption	Mobile Device Management	Policies & Procedures

CMMC Policies & Procedures

Access Control	Identification & Authentication	Maintenance	Physical Protection
Personnel Security	Security Assessments	System & Communication Protection	Audit & Accountability
Awareness Training	Configuration Management	Incident Response	Media Protection
System & Information Integrity	Risk Assessment	Protection from Malware	Domain Recovery

Certification Process

Audit Completed by Assessor/C3PAO

Choice Compliance Journey

1 Risk Assessment

- Identify Risk
- Analyze Risk
- Evaluate Risk

2 Remediation Plan

- Develop POAM (Plan of Action & Milestones)
- Prepare SSP (System Security Plan)
- Gap Resources Selection

3 Plan Execution

- Execute POAM & SSP
- Develop Policies & Procedures
- Implement Gap Resources

4 Organize & Document

- Vendor Management
- Policy Distribution
- Establish SOPs (Standard Operating Procedures)

5 On-going Maintenance

- Audit Ready
- CMMC Certification Assessment
- Maintenance
- Annual Risk Assessments

TEAM OF EXPERTS

ASSESS ADDRESS MAINTAIN

PASS THE BATON TO US

CHOICE CYBERSECURITY

Independent risk assessments with over 100 conducted worldwide since 2000.

Works with your existing Managed Services Provide (MSP) or IT Staff

Providing DOD contractors help to meet NIST 171

Complete assessment readiness solutions (RPO) to meet the NIST 800-171 and CMMC certifications

Approved vendor for the Maryland Cybersecurity 50% Tax Credit

Compliance & Medallions

Q&A

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