

CMMC Compliance 101

How to Position Your Government Contracting Business
to Secure Contracts in 2022



Bill Walter



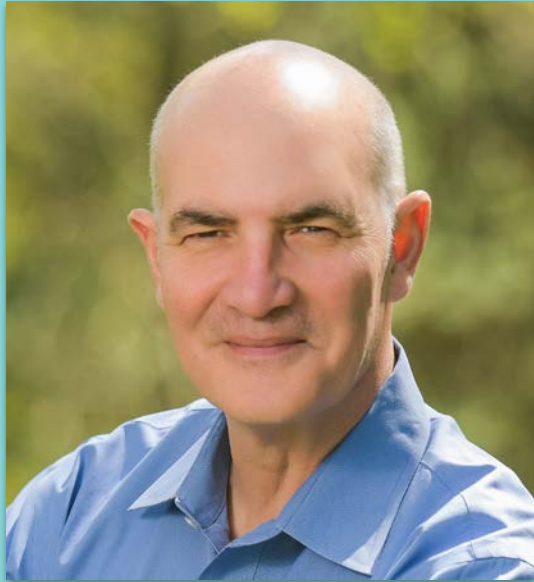
PARTNER

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 businesses better use technology to operate more efficiently.

- ➔ Cyber Security
- ➔ Remediation
- ➔ Technology Best Practices

Steve Rutkovitz



PRESIDENT & CEO

About Steve Rutkovitz

For over 20 years, Steve has been working with government contractors to help them meet NIST and ISO cyber security and compliance services. With the new CMMC compliance Choice Cybersecurity is certified as both a RPO and C3PAO.

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

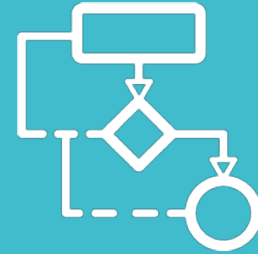
The State of CMMC



NIST 171



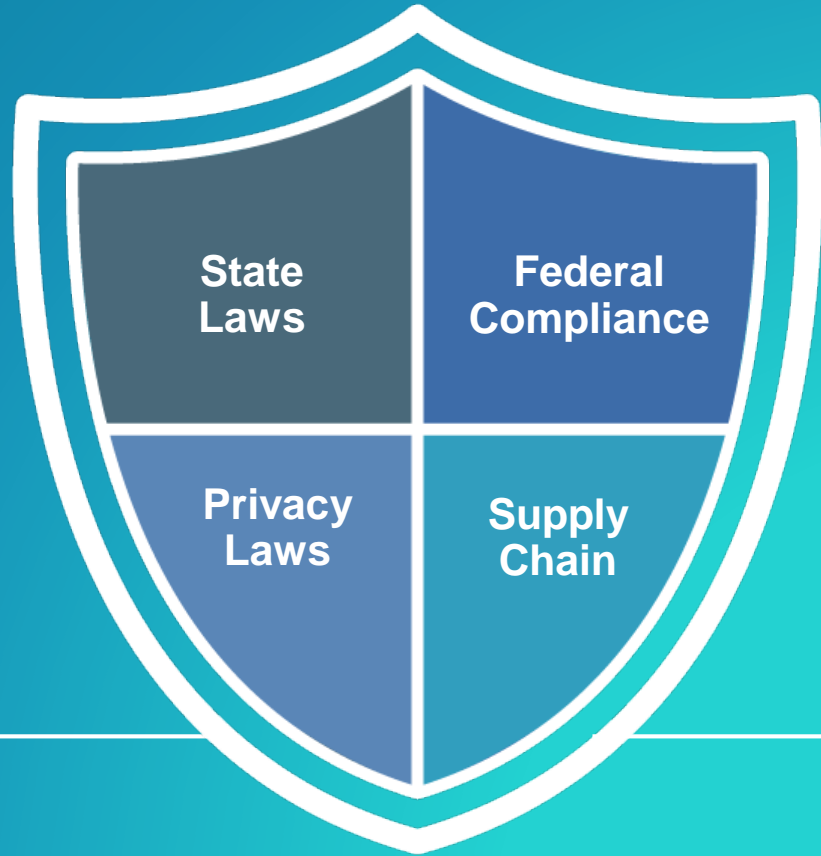
Prime Contractor
Reporting



CMMC Compliance

Best Practices & Compliance

NIST 171
CMMC Level 3



CMMC Compliance

CMMC – AB
Accreditation Body

RPO
Registered Provider
Organization

C3PAO
Auditor

Registered
Practitioner (RP)

Assessor



Requirements

SSP: System Security Plan

- Document that outlines how you are going to implement your security controls
- CMMC - Two pieces of objective evidence for each control

POAM: Plan of Actions and Milestones

- Missing controls
- Timeline of when they will be implemented

SCORE:

- The Score needs to be updated to the SPRS
- 110 to -303

5 Levels of CMMC

1



2



3



4



5

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

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

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

Proactive Cybersecurity Hygiene Practicest

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

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 Proven Process



**1:
ASSESS**

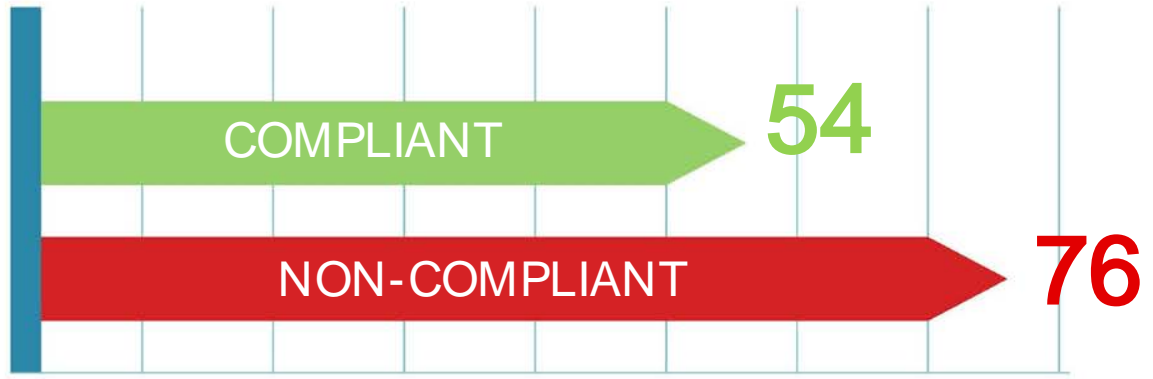


**2:
ADDRESS**



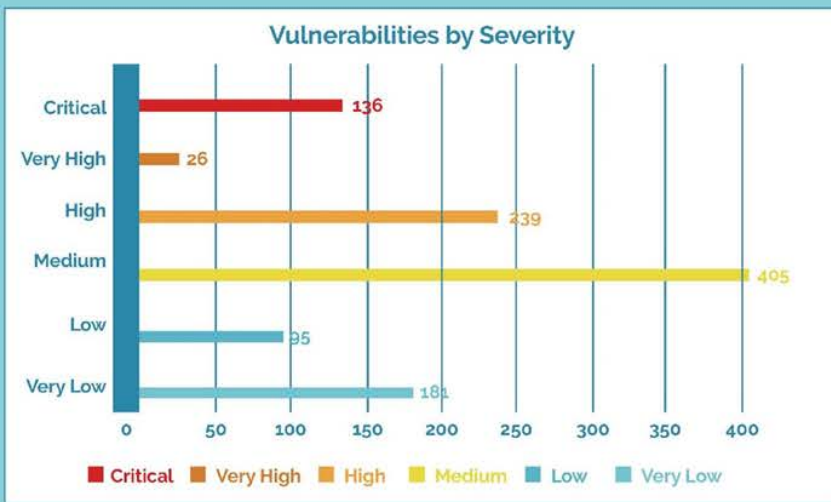
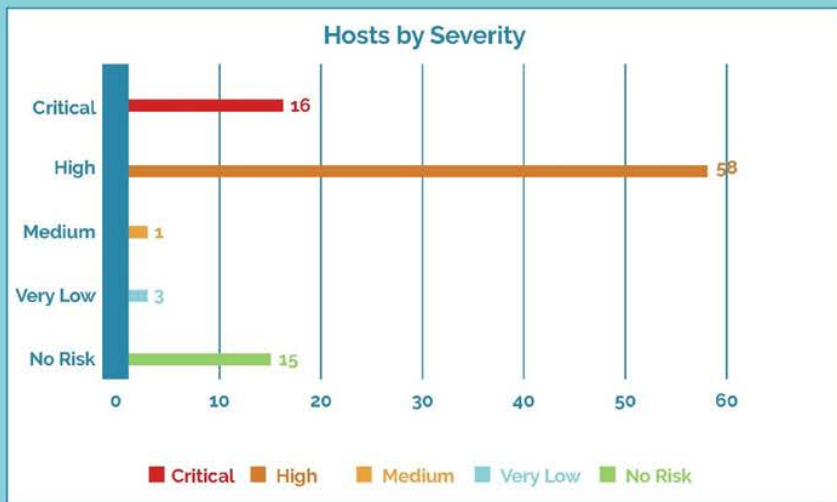
**3:
MAINTAIN**

CMMC Level 3 (130 Controls)



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

Scanning for CUI Data

Sensitive Files

Classification	Actions	Sensitive	Files	Records	Risk in USD	Countries	Regulation
US - ACH Clearing Numbers	  	<input checked="" type="checkbox"/>	533	90535	\$ 1,810,700	United States of America	PII
CMMC - CUI	  	<input checked="" type="checkbox"/>	1848	25263	\$ 505,260	United States of America	
ePHI (SSN + ICD-10)(New)	  	<input checked="" type="checkbox"/>	39	1484	\$ 267,120		
US - SSN (hi-sensitivity)(New)	  	<input checked="" type="checkbox"/>	279	5953	\$ 119,060	United States of America	PII
CMMC - FCI	  	<input checked="" type="checkbox"/>	174	1236	\$ 24,720	United States of America	CMMC
USA - Driving License	  	<input checked="" type="checkbox"/>	192	1394	\$ 13,940	United States of America	PII
CMMC - CUI (NOFORN)	  	<input checked="" type="checkbox"/>	19	507	\$ 10,140	United States of America	CMMC
CMMC - CUI (NNPI)	  	<input checked="" type="checkbox"/>	6	148	\$ 2,960	United States of America	CMMC
CMMC - CUI (UCNI)	  	<input checked="" type="checkbox"/>	2	43	\$ 860	United States of America	CMMC
Total:			3092	126563	\$ 2,754,760		

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

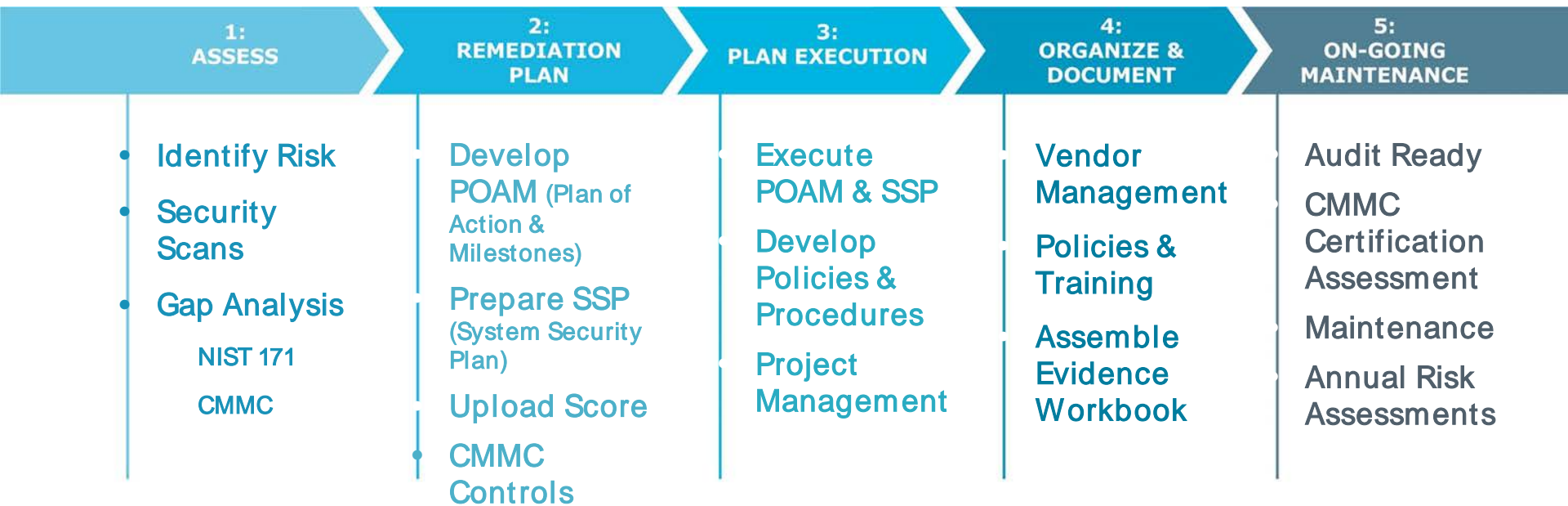
Protection from
Malware

Domain
Recovery

THE STACK OF SECURITY LAYERS



Choice Compliance Journey



TEAM OF EXPERTS

PASS THE BATON TO US



**Subject Matter
Experts**



**Project
Manager**



**Compliance
Officer**



Paralegals



**Security
Analysts**



CHOICE CYBERSECURITY



Independent risk assessments with over 100 conducted world wide



Works with your existing Managed Services Provider (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

What makes CHOICE different

Choice Gets You Ready

Project Management

On a Budget

Audit Ready



NP

Certification Process



Schedule a free-one
hour assessment of your
CMMC position



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