

# Cybersecurity Maturity Model Certification (CMMC) Services



The Defense Industrial Base (DIB) sector, which supplies products and services to the Department of Defense (DOD), continues to be a primary target for malicious cyberattacks. If you are one of the more than 300,000 DIB companies or subcontractors, you need to prepare for the safeguarding requirements to protect unclassified information through the Cybersecurity Maturity Model Certification (CMMC) program.

CMMC 2.0 (last updated in November 2021) is a framework that includes a comprehensive and scalable certification element to verify the implementation of processes and practices associated with the achievement of a cybersecurity maturity level. The framework is a streamlined model with three levels across 14 security domains (see list on following page) that measure the implementation of cybersecurity requirements.

Below are the Avalon Cyber services that can help you comply with each of the CMMC levels:

	Model	Assessment	Avalon Cyber Services
<b>LEVEL 1</b> <b>Foundational</b>	17 practices	Annual self-assessment	Policy & document development KnightVision MDR Digital forensics / incident response vCISO
<b>LEVEL 2</b> <b>Advanced</b>	110 practices aligned with NIST SP 800-171	Triennial third-party assessments for critical national security information: Annual self-assessment for select programs	All CMMC Level 1 services Incident response planning Risk assessments KnightVision CAM (SIEM) Vulnerability assessments Penetration testing Phishing simulation & training
<b>LEVEL 3</b> <b>Expert</b>	110+ practices based on NIST SP 800-172	Triennial government-led assessments	All CMMC Level 1 & 2 services



## The 14 CMMC Domains

Access Control

Audit & Accountability

Awareness & Training

Configuration Management

Identification & Authentication

Incident Response

Maintenance

Media Protection

Personnel Security

Physical Protection

Risk Management

Security Assessment

System & Communications Protections

System & Information Integrity

## HOW AVALON CYBER CAN HELP

Let Avalon Cyber help you prepare for CMMC requirements by defining the scope, developing project plans, identifying necessary controls and processes, and performing a readiness assessment to identify effective policies and controls, as well as gaps. This will allow your organization to see its baseline compliance and associated recommendations. Through our proactive cybersecurity services, Avalon Cyber can also assist with meeting several of the capabilities within the 14 domains required by the CMMC.

### Avalon Cyber services compatible with CMMC compliance:

#### Policy & Documentation Development

The establishment of clear, documented policies are essential to any business and make up the basis for IT/IS security programs, laws, regulations, and standards. Our experts can help create or mature policies, procedures, and audit evidence needed to confirm controls are designed and operating effectively.

#### Managed Detection & Response

Avalon Cyber's KnightVision MDR service is a robust endpoint monitoring solution that screens malicious behavior at the endpoint level, allowing our team of experts to alert you and take immediate action to shut down a potential threat.

#### Digital Forensics & Incident Response (DFIR)

Our experts have extensive experience in digital forensics and cybercrime remediation that enables a prompt and comprehensive response to cyberattacks. We know where to find critical electronic evidence, and how to obtain, recover, and analyze or sanitize it using today's most sophisticated technology and forensic software.

#### Virtual CISO (vCISO)

We partner with experienced, practicing CISOs to work with you and your management team, board, and additional stakeholders to develop the strategic vision, resources, and protocols for an appropriately sized, measured, and effective security program.

#### Incident Response (IR) Planning

Avalon Cyber's IR planning service helps you identify, protect, detect, respond, and recover from a cyber incident. Our team can guide you through plan creation and tabletop exercises, in which we run through various threat scenarios and practice how you would respond to those



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threats. We can also help you implement tools and technology to manage and mitigate security incidents.

### Risk Assessments

Organizations of any size should understand the gaps within their information security program. Without this, your organization is vulnerable to threats which ultimately put your data and your company's reputation at risk. Our approach allows for evaluation of the internal and external controls that your organization employs and helps you identify a prioritized list of risks. This will not only assist you in meeting the many laws, regulations, and standards that require a formal, regularly performed security assessment, but will help reduce the chance of becoming victim of a future cyber incident.

### SIEM/SOC

Avalon Cyber developed KnightVision CAM (Compliance, Alerting, Monitoring), our customizable, scalable – and affordable – solution to address cybersecurity challenges, including regulatory compliance and threat alerting and monitoring.

### Vulnerability Assessments

Avalon Cyber's expert engineers conduct internal and/or external vulnerability scans to identify risks in your company's environment.

### Penetration Testing

Our cybersecurity professionals safely simulate the actions of a cybercriminal targeting your network and attempt to exploit critical systems to access sensitive data.

### Phishing Simulation & Training

We offer an innovative program that allows your security team to launch simulated phishing attacks and run comprehensive security awareness training campaigns to help educate your employees and stakeholders.

## QUESTIONS?

For more information on our services, visit [avaloncybersecurity.com](https://avaloncybersecurity.com).

To set up an appointment with one of our cyber experts, call **1.877.216.2511**.