COVA CCI

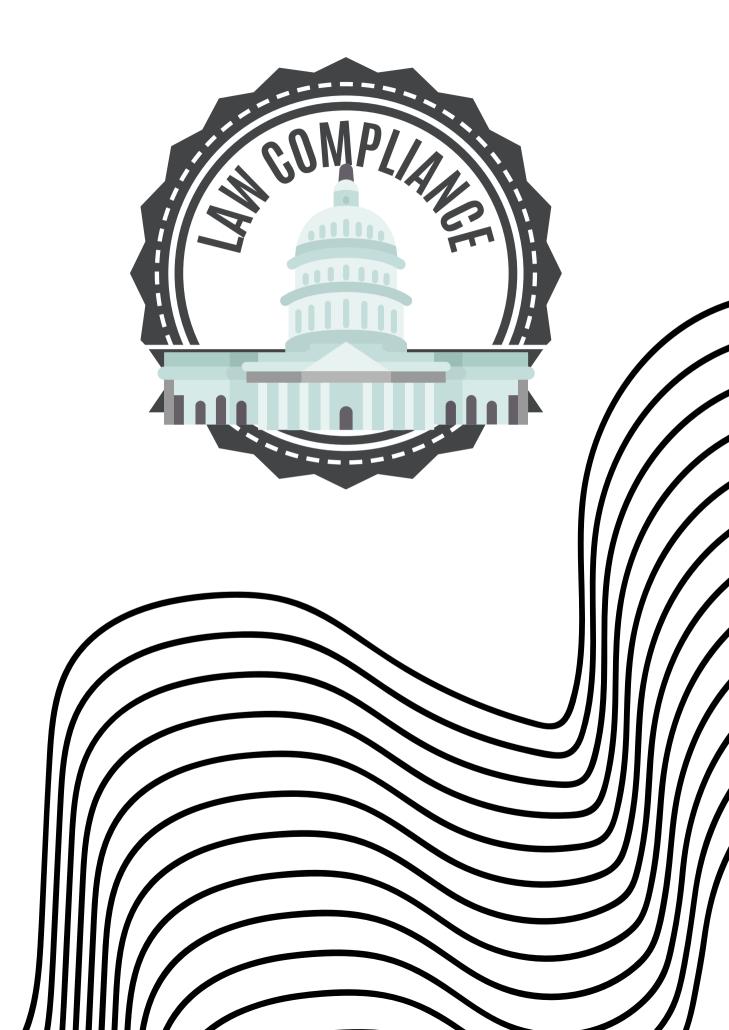## AUTOMATION OF CMMC CYBERSECURITY IMPLEMENTATION GUIDANCE: ENHANCING COMPLIANCE AND EFFICIENCY EFFORTS

PRESENTATION SUMMARY

The presentation by Terrance Perry from SimIS was interesting. He discussed a project by SimIS to create software with embedded AI technologies that would automate the Cybersecurity Maturity Model Certification (CMMC) program to help small and medium business contractors.

The CMMC is a program that ensures that contractors and subcontractors are compliant in accordance with the DoD's information security requirements.

THE PROBLEM

The process of being a CMMC complaint contractor is rigorous and involves knowing all the cybersecurity and information security standards the DoD requires. Most large business contractors have dedicated cybersecurity professionals who maintain CMMC compliance, which also comes with high operational costs. Smaller business contractors do not have the same luxury to hire cyber professionals. They usually rely on the few personnel they have to maintain the CMMC program even though they are not specifically cybersecurity professionals.

THE SOLUTION

The goal of SimIS is to create software that would consolidate all required cybersecurity and information security standards to be CMMC compliant and, with the use of AI technologies such as ChatGPT, translate these technical standards into easily understandable steps that non-technical personnel from small/medium business contractors can use to achieve CMMC compliance. The software would also include links to external tools to facilitate CMMC compliance and actual NIST standards.

WHAT I LEARNED?

In this presentation,
I learned how cybersecurity professionals leverage AI technologies to produce solutions that would assist businesses.
Cybersecurity solutions for business not only involve threat detection or incident response, but can also extend to developing solutions for compliance.