

PreVeil customer achieves a 110/110 NIST SP 800-171 score in Joint Surveillance Voluntary Assessment using CMMC Assessment Guide

A 300-employee defense contractor using PreVeil's platform for storing and sharing Controlled Unclassified Information (CUI) recently achieved the highest possible NIST SP 800-171 score of 110 in a rigorous Joint Surveillance Voluntary Assessment (JSVA). JSVAs are conducted by C3PAOs under the supervision of DIBCAC, the Department of Defense's ultimate authority on CMMC compliance. **The C3PAO intends to issue a CMMC Level 2 Certification once rulemaking establishes CMMC.**

Here are the 3 steps the contractor took for its JSVA:

1

Adopted PreVeil and secured CUI in an enclave, reducing cost + complexity

First, in preparation for their JSVA, the company considered several options for securing CUI before deciding to deploy PreVeil's end-to-end encrypted file sharing and email platform. The contractor uses Microsoft O365 for its email and file sharing needs. However, O365 does not meet DoD requirements for storing, processing and/or transmitting CUI. The solution was to add PreVeil for the fewer than 50 employees that handle CUI, thus creating a secure enclave. This enclave approach allowed the company to reduce scope, avoid rip and replacement, and significantly reduce compliance costs.

2

Leveraged PreVeil's compliance documentation package, saving time + effort

Second, to demonstrate their compliance to the assessors, the contractor used PreVeil's compliance package and so further streamlined its efforts and reduced costs. The package includes a pre-filled template for the required System Security Plan (SSP) showing how PreVeil supports 102 of NIST SP 800-171's 110 security controls, as well as a pre-filled Customer Responsibility Matrix (CRM) that makes clear which of the NIST SP 800-171 controls and objectives are met by PreVeil, are a joint responsibility, or are the customer's responsibility. The package also includes templates for required policies and for POA&Ms should they be needed.

3

Took advantage of 1-on-1 support from PreVeil compliance team throughout the assessment

When the JSVA team sought clarification on security aspects of the PreVeil platform, the PreVeil compliance team provided timely responses and assistance as needed to bring the assessment to its successful conclusion.

Joint Surveillance Voluntary Assessments

are conducted by C3PAOs under the supervision of DIBCAC. C3PAOs, or CMMC Third-Party Assessment Organizations, are authorized by the Cyber AB (aka the CMMC Accreditation Body) to conduct assessments based on pending CMMC certification requirements. DIBCAC (the Defense Industrial Base Cybersecurity Assessment Center) oversees the joint assessments.



JSVA positions contractor for CMMC Level 2 certification

The JSVA was conducted against the security requirements for CMMC Level 2 and according to the CMMC Assessment Guide (v2, December 2021). Because CMMC Level 2 security controls will mirror the 110 security controls stipulated in NIST SP 800-171, the JSVA produces a NIST SP 800-171 score.

Given that all organizations that handle CUI will need to achieve at least CMMC Level 2, contractors with a top NIST SP 800-171 score are extremely well positioned to achieve Level 2 as soon as CMMC is implemented. In this case study, the C3PAO intends to issue a CMMC Level 2 certificate to the contractor once federal rulemaking establishes the CMMC program.

Why your NIST SP 800-171 Score Matters

Defense contractors are required to self-assess their compliance with NIST SP 800-171 and file those scores with the DoD's Supplier Performance Risk System, known as SPRS. If a company has a low self-assessment score, it stands to reason that the DoD will consider that company to be a higher security risk than an alternative supplier with a better score. Likewise, we know that primes consider self-assessment scores when evaluating possible subcontractors with which to work, and it is reasonable to expect that subcontractors with higher scores are more likely to win the work. The SMB in this case study was able to achieve a 110—the highest possible score—which will be updated by DIBCAC in SPRS.

PreVeil benefits: High security, simplicity, and low cost

This case study demonstrates how an SMB dramatically reduced its time and effort—and, importantly, its costs—to secure its CUI and achieve compliance.

PreVeil's benefits include:

- **EASY TO USE**, integrated with the tools you're using today, like Microsoft O365, Exchange, and Google Workspace platforms.
- **DEPLOYS IN HOURS**, with no need to rip and replace existing file and email servers, saving tens of thousands in costs and lost time.
- **NEEDS TO BE DEPLOYED ONLY TO USERS HANDLING CUI**, establishing an enclave that results in significantly lower licensing costs.
- **PREVEIL'S COMPLIANCE PACKAGE** provides all the templates, definitions and training videos needed to customize and fully document your compliance.
- **1-ON-1 SUPPORT** throughout your entire compliance journey—from prep to assessment—from PreVeil's compliance staff and through our network of CMMC consultants and auditors.
- **ALL CUI IS END-TO-END-ENCRYPTED** to deliver best in class Zero Trust security and ransomware protection.

These benefits all add up to make PreVeil a total solution for ITAR, NIST, DFARS, and CMMC that's far less expensive than patching together alternatives.

Proof points

This JSVA case study describes another proof point for PreVeil's platform. In an earlier case, a different SMB deployed PreVeil and also achieved a 110/110 NIST SP 800-171 score in a DCMA (Defense Contract Management Agency) DIBCAC High assessment for which it was randomly selected. That case study is described [here](#).

This SMB defense contractor not only achieved its 110 JSVA score, but also completed its Joint Surveillance Voluntary Assessment quickly and cost effectively, minimizing pain points and business disruption. PreVeil's total solution—its secure platform, compliance package, and ready support—made the difference.

The contractor is now in a highly competitive position to win DoD contracts and is poised to achieve CMMC Level 2 as soon as CMMC is finalized.

To learn more about how PreVeil can help your organization improve its NIST SP 800-171 score & achieve CMMC compliance, book a free 15-minute consultation with our compliance team.