

NIST SP 800-171 Gap Analysis

TalaTek's NIST SP 800-171 gap analysis is an in-depth review of your organization's capabilities and practices, designed to provide you with assurance that you are meeting those requirements. It can also help you determine if your organization is ready to obtain Cybersecurity Maturity Model Certification (CMMC).



What Is CMMC 2.0?

CMMC 2.0 is the latest Department of Defense (DoD) mandated security framework for organizations seeking to provide services to the agency. Once fully rolled out, all DoD-contracting organizations must be compliant with CMMC 2.0 standards, and those that are not may find themselves shut out of DoD business.

TalaTek can help you prepare for compliance once the CMMC AB finalizes the details.

How CMMC 2.0 Reconciles to NIST SP 800-171

NIST SP 800-171 makes up 110 of CMMC Level 2's requirements. NIST SP 800-171 already exists, so a gap analysis is a great starting point to determine if your organization is meeting these 110 required practices.

How TalaTek's NIST 800-171 Gap Analysis Can Prepare You for CMMC

TalaTek's NIST SP 800-171 gap analysis will help you:

- Get used to the process of undergoing an independent assessment, organizing artifacts, and understanding requirements. This can help you plan for future CMMC assessments.
- Obtain an objective assessment and determine if your organization has addressed the necessary requirements and understand if there are gaps in your implementations.
- Gain assurance at both a system and enterprise level that you are exercising the necessary due diligence to protect sensitive data.
- Implement a roadmap to follow to ensure you are properly documenting and implementing all requirements, policies, and procedures and make your organization both more compliant and secure.

Talatek can help you prepare for CMMC compliance once that's announced by providing advisory services that include strategic and operational consulting to ensure CMMC alignment around governance, risk management, and remediation activities.

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Here's how TalaTek performs the gap analysis:

- **Collects, reviews, and analyzes all existing documentation.** We will ensure that your documents are thorough, accurate, and properly disseminated to meet 800-171 and CMMC requirements.
- **Follows NIST SP 800-171A.** We will use the Examine, Interview, and Test assessment procedures documented in NIST SP 800-171A: *Assessing Security Requirements for Controlled Unclassified Information*. We will
- gather information and evidence regarding how your organization has implemented various requirements.
- **Provides a gap analysis report.** The report will describe:
 - How TalaTek evaluated each requirement, practice, and process.
 - Our determination of the implementation status.
 - All deficiencies discovered during our analysis.
 - Our recommended remediation for each deficiency.

Gap Analysis Project Timelines

TalaTek's estimated timeline is between **4 to 6 weeks** and includes:

- Gathering and reviewing existing documentation.
- Examining evidence, interviewing SMEs, and testing requirement implementations.
- Compiling the gap analysis report.

Post Gap Analysis Wrap-Up

TalaTek will present our findings and ensure your organization understands them and agrees on our recommended remediations. We'll help your team include these recommendations in your Plan of Actions and Milestones (POA&M) as well as establish achievable goals and milestones toward achieving 800-171 compliance and preparing for CMMC certification.



Hands-On Remediation and Execution of POA&M

If your organization lacks the resources to address the found deficiencies (e.g., implementing complex requirements; documenting necessary plans, policies, and procedures), our advisory services can help.

Once your organization has remediated these deficiencies, we can review your implementations and update the gap analysis report. The gap analysis becomes an iterative process, where your organization systematically addresses deficiencies until you have achieved full NIST 800-171 compliance and are fully prepared for an eventual CMMC certification.

