

Evaluation of Google Services against the US Navy Unclassified Naval Nuclear Propulsion Information categorization

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Summary: This document presents Coalfire's independent assessment of Google's compliance with the Unclassified Naval Nuclear Propulsion Information (U-NNPI) categorization, as defined within the Naval Reactor Cloud Authorization Framework.

Overview

From March 8, 2024, to March 13, 2025, Coalfire, an A2LA accredited FedRAMP Third-Party Assessment Organization (3PAO), conducted an annual FedRAMP High security assessment of the Google Services information system. The assessment determined that Google has effectively implemented security controls to maintain the security and privacy of the Google Services information system. The methodology for this assessment was based on the National Institute of Standards and Technology (NIST) Special Publication (SP) 800-37, Revision 1, "Guide for Applying the Risk Management Framework to Federal Information Systems." The Security Control Assessment for Google Services was performed in accordance with NIST SP 800-53A, "Guide for Assessing the Security Controls in Federal Information Systems and Organizations."

Additionally, Coalfire conducted an annual assessment of the FedRAMP+ DOD IL5 to include the recently added National Secure System (NSS) controls for the same system from 12/20/2024 to 06/04/2025. Coalfire recommended continued Preliminary Authorization to Operate (P-ATO) of the system based on this review.

Subsequently, from August 12, 2025, to August 22, 2025, Coalfire reviewed and tested the differential controls for the Unclassified Naval Nuclear Propulsion Information (U-NNPI) categorization, as specified in the May 2019 Naval Reactor Cloud Authorization Framework (listed in Section 7.1). Coalfire determined there is substantial overlap between U-NNPI controls and both the FedRAMP High Baseline and FedRAMP+ IL5-NSS, which were evaluated as part of the FedRAMP and DOD security assessments.

Based on the comprehensive evaluations of the information system, Coalfire concludes that Google Services is compliant with the Unclassified Naval Nuclear Propulsion Information categorization within the Naval Reactor Cloud Authorization Framework.

Coalfire Background

Coalfire is a prominent 3PAO within the FedRAMP program, renowned for conducting extensive assessments for leading cloud technologies worldwide. Our reputation is built upon the comprehensiveness of our assessments for clients and the thoroughness of our reviews on behalf of the US Federal Government. We stand by the integrity of our work and provide unbiased deliverables outlining assessment findings. Any recommendations are derived from our review results and presented to the US Federal Government for their authorization determination.