



Ronathan RMF Use Cases

Automate Risk Management



How it Works: Analysis + Bias = Compliance



Ronathan automatically assesses the compliance of content proceeding through RMF

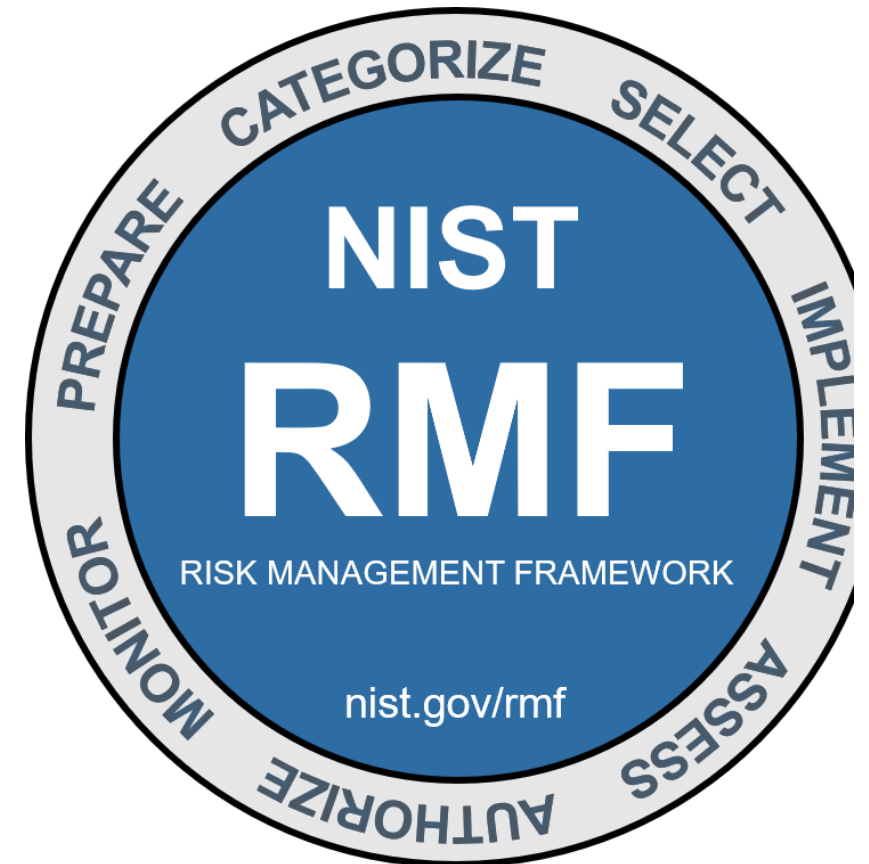
Content evolves as it works it cycles through risk management

- Risks Change
- Systems Change
- Mission Change



Ronathan's Compliance engine performs both implementation and policy fidelity analysis

Said **analysis + user bias = classification** for the security control and assessment objective



Your Compliance Bias

- Ronathan allows users to set threshold settings to project their bias into classification settings
 - Policy Objective Threshold: Whether or not the assessed content has direct bearing onto the control or assessment objective
 - Policy Compliance Threshold: Minimum fidelity score that content must have to appear as compliant if not including evidence of implementation
 - System Compliance Threshold: Minimum fidelity score that content must have when including evidence of implementation

The screenshot shows a 'My Default Preferences' dialog box with the following settings:

- Default Tab: Control Detail
- Default Profile: NIS I LOW Baseline Controls
- Default Classification: All
- Default Mapped Control: Yes (80-53, 800-171, CMMC)
- Policy Objective Threshold: 37 (indicated by a yellow bar)
- Policy Compliance Threshold: 77 (indicated by a green bar)
- System Compliance Threshold: 77 (indicated by a green bar)

At the bottom of the dialog are three buttons: 'Save', 'Save and Reasses', and 'Close'.



Prepare: Task 4

Ronathan helps Mission, and Business Owners tailor their security control baseline by

1. Provide fidelity scores per control against any selected baseline control set
2. Allowing users to select a minimum threshold acceptable
 - Security Policy
 - System Evidence
 - Control Information
3. Establish a trackable fidelity score to understand how security controls diverge from the baseline over time

RMF Prepare with Ronathan

- During Prepare, Ronathan expects users to tailor common security controls for the organization;
 - Expected uploaded documents
 - Common security controls descriptions ,
 - Common security control policy & procedure potentially spanning info implementation detail
 - Common implementation requirements
- Out-the-box Ronathan comes with a default thresholds based on expertise garnered over years of work federal agencies.
 - 44% for Policy Objective Threshold
 - 88% for Policy & System Compliance Threshold
- Users should adjust to meet their bias and use case. This fine tuning should be done with exemplar documents for the use case.

My Default Preferences

Default Tab: Control Detail

Default Profile: NIS I LOW Baseline Controls

Default Classification: All

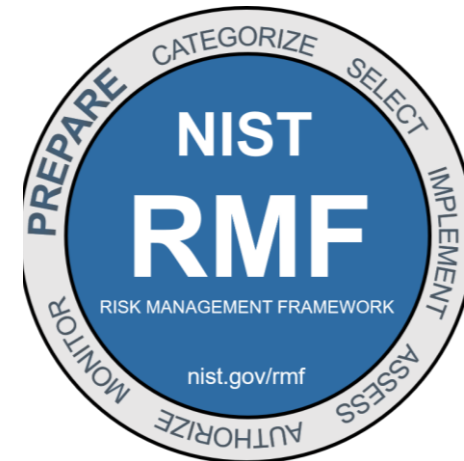
Default Mapped Control: Yes (60-53, 800-171, CMMC)

Policy Objective Threshold: 37

Policy Compliance Threshold: 77

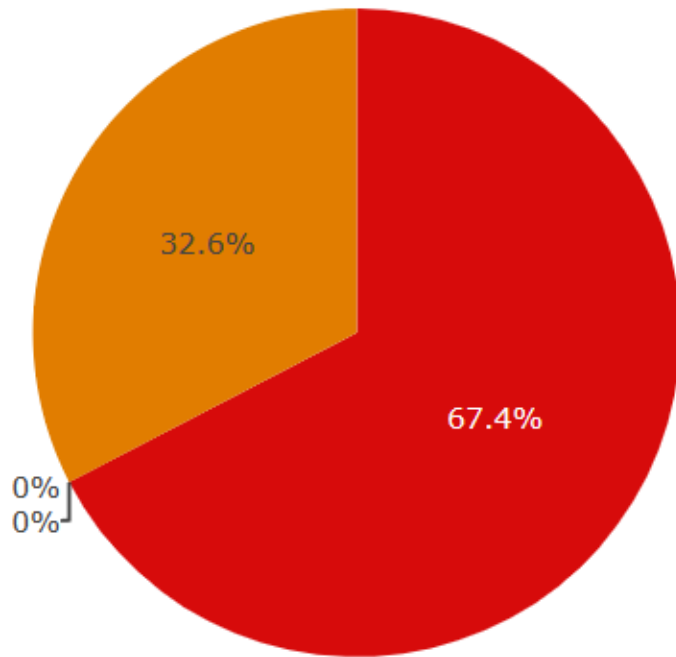
System Compliance Threshold: 77

Save Save and Reasses Close



Fine Tuning Ronathan

Compliance Chart



Use Case Fine Tuning Ronathan: Begins with data but is a simple process

1. Find exemplar documents for the use case you're tuning for
2. Upload the exemplar documents into Ronathan
3. Review the classifications produced
 1. Determine if the classifications are "lenient" or "too strict"
4. Adjust the thresholds then save and reassess from my presences screen
5. Perform steps 3 and 4 again until satisfied with the classifications

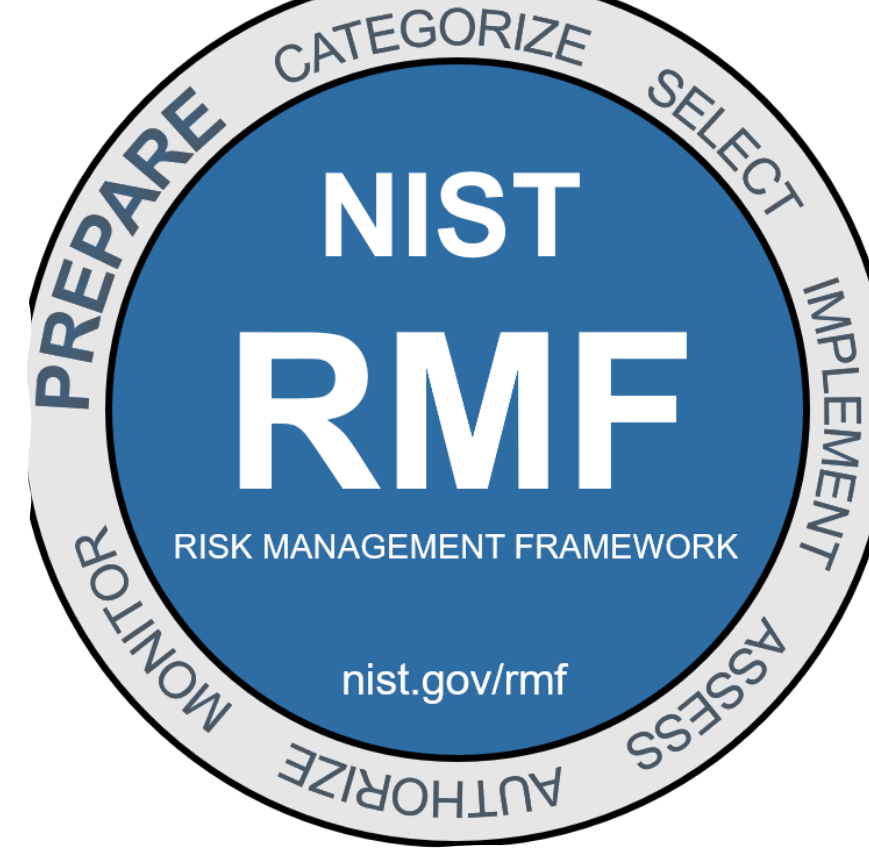
Assess: Tasks 2-4



- Ronathan helps those playing the ISO, SCA , and ISSM/ISSO role assess, reassess, and ultimately generate the SAR by providing :
 1. Automated the classification of all content
 2. Associate all content with the appropriate security control
 3. Steps for a subset of the controls deemed not compliant
 4. Compliance Status for all security controls
 5. Visual and text based reports to create the SAR from

RMF Assess with Ronathan

- During the Assess step of RMF Ronathan expects to assist the user in assessing the implementation of security controls for a system
 - Expected Uploaded Documents
 - System Security Plans, Configuration Management Plans, Audit Plans, Access Control Plans, etc...
 - Evidence : Images , Config files, and interviews
- Out-the-box Ronathan comes with a default thresholds based on expertise garnered over years of work federal agencies.
 - 44% for Policy Objective Threshold
 - 88% for Policy & System Compliance Threshold
- Users should adjust to meet their bias and use case. This fine tuning should be done with exemplar documents for the use case.



Default Classification: All ▾

Default Mapped Control: Yes (80-53, 800-171, CMMC) ▾

Policy Objective Threshold:

37

Policy Compliance Threshold: