

NIST Artificial Intelligence Risk Management Framework (AI RMF)

How Did NIST Develop the AI RMF?

Through a consensus-driven, open, transparent, and [collaborative process](#) that included a Request for Information, several draft versions for public comments, multiple workshops, and other opportunities to provide input.

Actions to Take

Put the AI RMF into use!

Develop AI RMF profiles. These can be either “*use case*” profiles (e.g., hiring or fair housing) or *temporal profiles* (describing how an organization can move from its current state to its target state in managing AI risks).

Translate the AI RMF into additional languages.

Contribute additional AI RMF crosswalks.

Contact

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Learn More



About The AI RMF

NIST developed the voluntary **NIST AI Risk Management Framework (AI RMF)** to help individuals, organizations, and society manage AI’s many risks and promote trustworthy development and responsible use of AI systems. NIST was directed to prepare the Framework by the National Artificial Intelligence Initiative Act of 2020 (P.L. 116-283). The intended audience of the AI RMF are organizations which design, develop, deploy, or use AI systems.

The Framework provides implementation flexibility to organizations of all sizes and in all sectors and throughout society. Released in January 2023, the AI RMF is intended to build on, align with, and support AI risk management efforts by others.

- A **NIST AI RMF Playbook** suggests ways to navigate and use the **AI RMF** to incorporate trustworthiness considerations in the design, development, deployment, and use of AI systems.
- An **AI RMF Roadmap** identifies key activities for advancing the AI RMF that could be carried out by NIST in collaboration with private and public sector organizations – or by those organizations independently
- **AI RMF Crosswalks** enhance the Framework’s alignment with other AI frameworks and international standards.
- Japanese and Arabic **translations** are available.
- The **NIST Trustworthy and Responsible AI Resource Center (AIRC)** supports operationalizing the **NIST AI Risk Management Framework (AI RMF 1.0)** and accompanying **Playbook** and will grow with enhancements to enable an interactive, role-based experience providing access to a wide-range of relevant AI resources.



In July 2024, NIST released **Artificial Intelligence Risk Management Framework: Generative Artificial Intelligence Profile** (NIST AI-600-1). Fulfilling an **Executive Order**, the profile can be used alongside the AI RMF to help organizations identify and address unique risks posed by generative AI.