

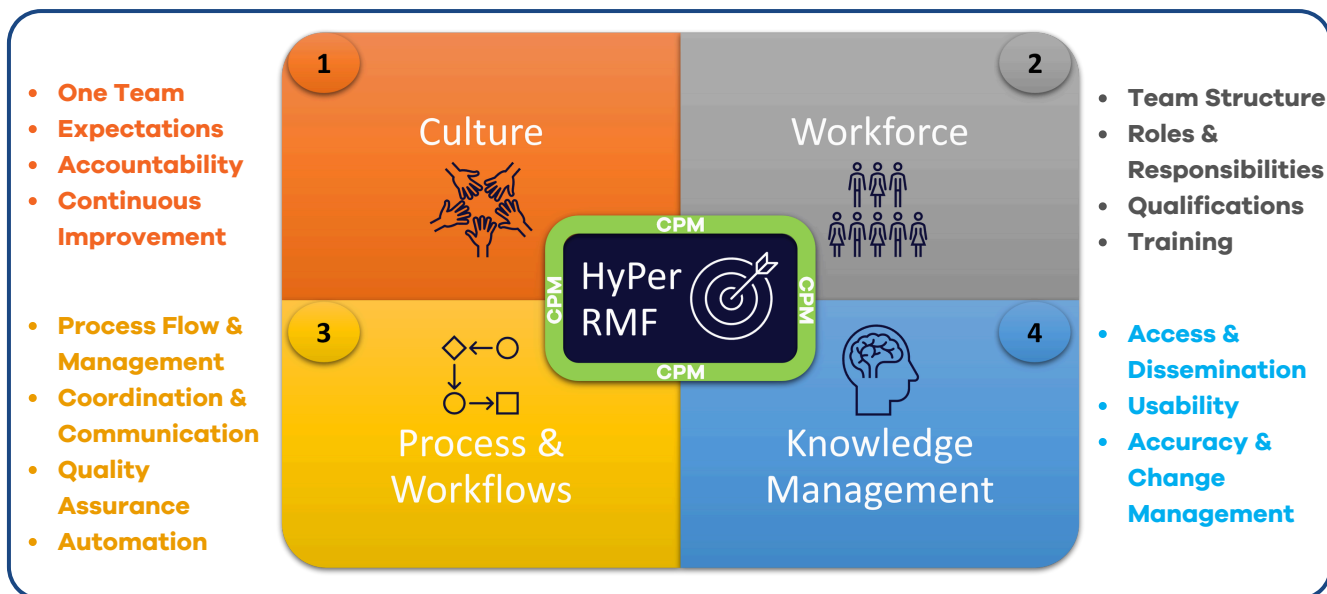
# High Performance RMF (HyPerRMF)<sup>™</sup>

Informed Risk Management and  
Rapid Deployment of  
Mission Critical Systems

The ideals of RMF are critical in managing digital risk, yet in reality the true effectiveness and efficiency of the framework are frequent areas of concern for many stakeholders. These everyday challenges fester in the shadows to erode the intent of RMF, reduce cyber readiness, and drain finite resources. Using TDI's 25 years of cybersecurity experience - along with Cybersecurity Performance Management (CPM)<sup>™</sup> - HyPerRMF enables organizations to optimize their approach to RMF to significantly reduce systemic risk and deliver cutting edge solutions today.

## Four Dimensions to Achieve High Performance RMF

TDI developed a proven set of 4 Dimensions along with 15 Key Practices to improve common issues associated with RMF. HyPerRMF is a unique and effective proprietary approach offering implementable actions to quickly assess and prioritize key outcomes and risks to achieve quality, consistent, and timely RMF artifacts along the critical path for rapid RMF authorizations.



HyPerRMF works in support of RMF Steps 1-6 and across roles such as the Assessor, CISO/AO, Analyst, PM/Owner, ISSE, and ISSM/ISSO. By focusing on outcomes, organizations experience reduced friction, delay, and waste, allowing focus on risk identification and management to rapidly deploy mission critical systems.

**GSA MAS | GSA HACS SIN | SEAPORT NXG | FAA eFAST**  
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# HyPerRMF in Action

## The Challenge

Government agencies face mounting pressure to modernize outdated systems and leverage advanced technologies to address strategic needs. In two separate recent cases, the Department of Defense (DoD) sought to:

- 1. Replace an aging Naval logistics platform with the Global Resource and Communications Environment (GRACE), Impact Level 4 (IL-4) cloud-based solution.**
- 2. Deploy a Generative AI (GenAI) system on NIPRNet (IL-5) designed to integrate advanced AI capabilities with government data, helping to process vast amounts of information into actionable intelligence for greater operational efficiency.**

Both initiatives required rigorous government authorization under the NIST RMF, a process traditionally plagued by manual documentation, subjective assessments, and significant delays. The challenge was to accelerate compliance while ensuring robust security for these advanced systems.

## Solution & Approach

In collaboration with key stakeholders, TDI leveraged HyPerRMF to address these challenges. This integrated strategy combined prioritization, deep expertise, and collaboration to streamline RMF compliance and achieve government authorization for both systems in a matter of weeks.

### 1. Aligned and Collaborative Culture:

- Encouraged shared understanding of goals among stakeholders, fostering collaborative problem-solving and reducing delays.
- Defined expectations for documentation and evidence requirements, creating a roadmap for efficient progress through RMF steps.

### 2. Skilled and Knowledgeable Team:

- Rapidly deployed key leadership and expertise early with full engagement throughout the process providing continuity, driving realization of outcomes.
- Clearly defined roles and responsibilities internally and across stakeholder partners ensuring known expectations and accountability.

### 3. Streamlined Processes and Communication:

- Established right-sized process, workflows, and comms cadence designed to efficiently and effectively achieve desired outcomes.
- Leverage cloud native security tooling to automate evidence collection and early identification of vulnerabilities to rapidly inform remediation strategies.

### 4. Knowledge Management and Centralized Documentation:

- Provided clear overview of information structures and maintained current and accurate information enabling process efficiency.
- Maintained centralized documentation portals for existing system documentation along with new plans, policies, POA&Ms, and other RMF artifacts for consistent and repeatable quality deliverables.

## Impact

Through HyPerRMF, TDI delivered transformative results:

- ✓ **Accelerated Authorization:** Both GRACE and NIPRGPT were authorized within significantly reduced timelines, both systems receiving approval in <2 months, representing ~87% reduction in time and over 25% in cost savings.
- ✓ **Enhanced Security Posture:** Robust documentation, automated evidence collection, and continuous monitoring strengthened security and eliminated rework across both systems.
- ✓ **Improved Assessment Outcomes:** Resulting in significantly fewer findings / POA&M entries and smoother authorization paths demonstrated the effectiveness of collaborative, evidence-based approaches.

TDI's success in securing government authorization for GRACE and NIPRGPT exemplifies how HyPerRMF can accelerate compliance and risk management for advanced technologies using their scalable model for deploying innovative systems in highly regulated environments, setting a benchmark for government modernization and efficiency.

## About Us

TDI's journey began in 2001 with a vision to Cybersecure the World. For over 20 years, our one and only focus has been delivering trusted full lifecycle cybersecurity services and solutions to the U.S. government and global commercial businesses. We are not an IT company doing cyber, WE ARE CYBER! Contact us today to learn more about how we can help achieve your goals by delivering essential outcomes in an ever evolving threat landscape.



Registered to ISO/IEC 27001, ISO/IEC 20000-1 and ISO 9001

