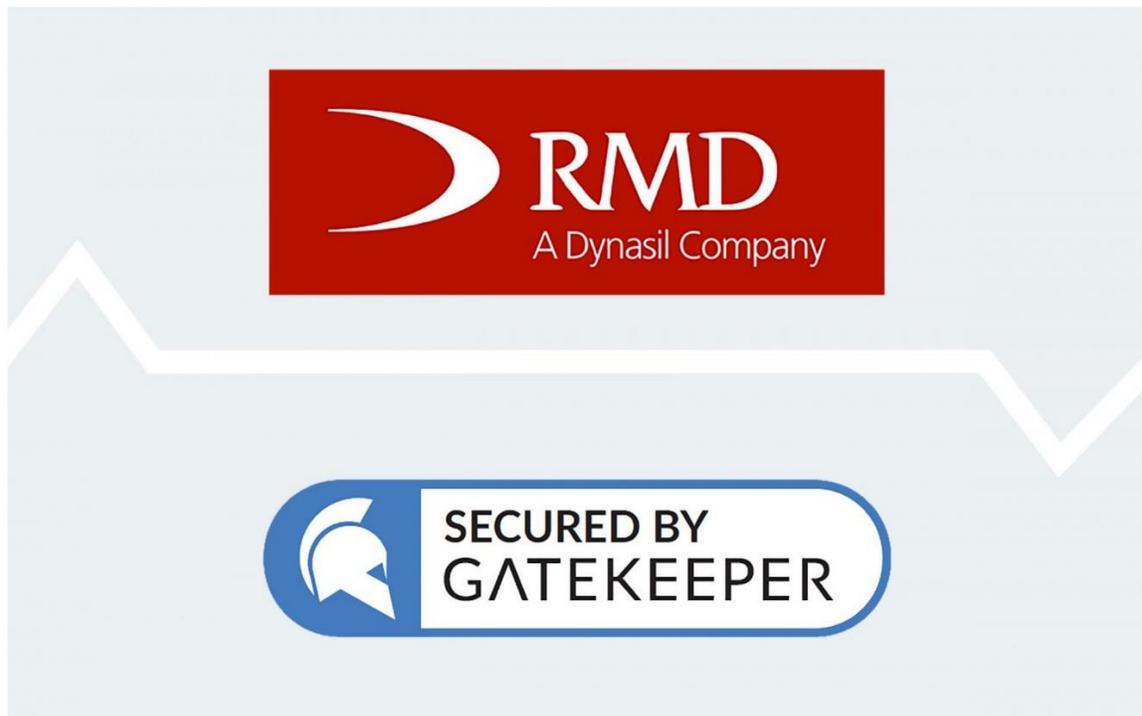


## Streamlining Compliance: RMD Inc. deploys 2FA with Smart Auditing



### **Introduction**

RMD Inc., an industry-leading provider of cutting-edge radiation detection technology solutions, faced a common challenge: managing the delicate balance between meeting stringent cybersecurity compliance requirements and improving operational efficiency. With the growing demand to meet CMMC (Cybersecurity Maturity Model Certification) and NIST (National Institute of Standards and Technology) 800-53 compliance requirements, RMD Inc. selected the advanced 2FA (two-factor authentication) and auditing solution by GateKeeper Enterprise. This case study explores how proximity 2FA streamlined RMD's compliance processes and simultaneously enhanced their cybersecurity posture.

### **RMD, Inc. – a Leader in Radiation Detection Technology**

Since 1974, RMD has steered the industry with groundbreaking research and the development of commercial products that exceed industry standards. RMD works with prominent U.S. government agencies, including NASA, NIH, DHS, DoE, DTRA, and DoD, in developing specialized radiation detection technologies. Their award-winning team consists of distinguished scientists and engineers, whose research and superior products are found in many scientific fields, ranging from space exploration to intricate particle physics, robust nuclear security, and pioneering clinical diagnoses. Underpinning their innovations is a robust portfolio of intellectual property, with a constantly growing collection of patents.

Research and manufacturing companies, such as RMD Inc., face new CMMC/NIST compliance challenges in ensuring their cyber-physical security posture and customer data privacy. These challenges include

unattended, unlocked workstations, shared account logins, auditing shared access events, fast user logins, and the provision of 2FA solutions for users without using a cell phone.

### The Compliance Challenges

In the face of increasing cyber threats, compliance with security standards like CMMC and NIST has become non-negotiable for organizations, particularly those involved in government contracting. The challenges RMD faced included meeting requirements such as:

1. Meeting the CMMC/NIST controls:
  - Preventing unlocked and unattended computers (AC.L2-3.1.10)
  - Auditing users on shared workstation access (AU.L2-3.3.2)
  - Enforcing robust 2FA for PC access (IA.L2-3.5.3)
2. A 2FA solution that does not slow down the login process for employees after implementation.
3. Easy-to-integrate solution that does not interrupt office hours to set up.

RMD's custom workflow environment, primarily composed of shared lab stations for multiple users working on the same projects, faces unique security and compliance challenges. Auditing shared workstation access is a component of broader IT audit and cybersecurity practices. While it's recognized as good practice to audit shared workstation access, most office setups don't make this easy or possible. Most of RMD's software could not be utilized across different accounts, making the use of the KIOSK mode feature in GateKeeper imperative.

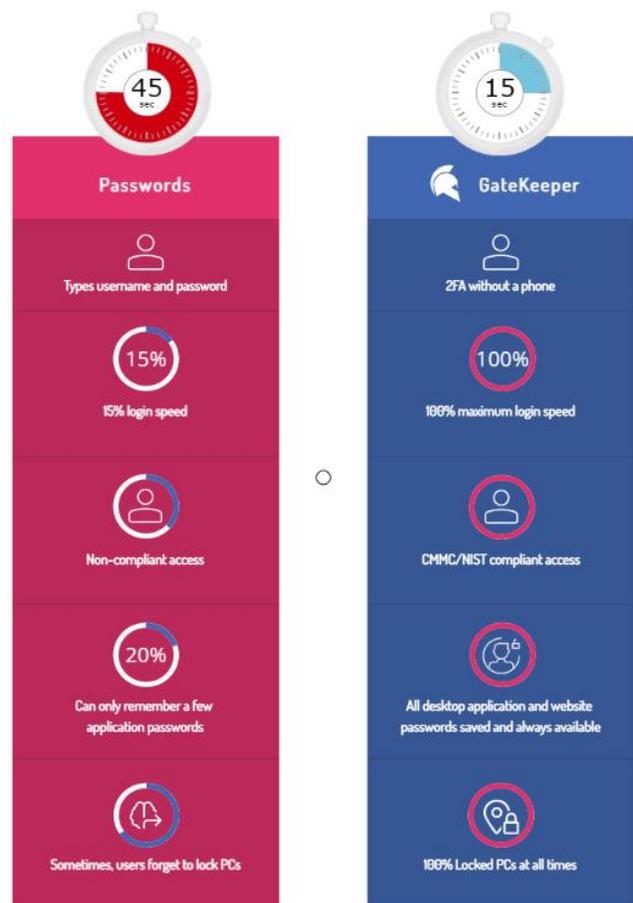
### Proximity 2FA for Faster Logins

To quickly address these compliance challenges without a long, drawn-out implementation, RMD selected GateKeeper Enterprise's comprehensive 2FA solution that automatically locks unattended workstations, to mitigate compliance requirements and automate workflow.

The GateKeeper 2FA solution provided an additional layer of security while enabling faster logins. By using the GateKeeper Enterprise solution, RMD Inc. ensured that users could quickly and securely access their accounts, even on shared workstations. This resulted in a robust, CMMC/NIST-compliant security environment and a user-friendly experience.

“GateKeeper is a game-changer in the realm of access control, audit compliance, and management in a research lab environment. It provides a robust solution that seamlessly integrates with Windows and simplifies adherence to CMMC and NIST guidelines.”

*RMD, Inc.*



## Automatic PC Lock = Automatic Compliance

To meet the requirement of CMMC/NIST control AC.L2-3.1.10, which demands session termination after a period of inactivity, the GateKeeper solution provided automatic workstation locking. This feature, paired with proximity 2FA, gave RMD Inc. confidence in preventing unlocked and unattended PCs.

## Smart Auditing of Shared PCs

For the audit of shared workstation access, stipulated by control AU.L2-3.3.2, the GateKeeper Enterprise's smart auditing solution provided a transparent and easily traceable record of all user activity, without impeding productivity. It provided an easily auditable trail that simplified the compliance process and ensured shared workstation security posture.

A standout feature was seamless integration with Windows and Active Directory, enabling GateKeeper to provide RMD with a robust solution without disrupting operations. GateKeeper's KIOSK mode securely managed shared logins, enabling fast and secure access for multiple users working on the same projects.

Moreover, the GateKeeper smart auditing ability enabled RMD to see who logged in when, even when logging into a shared account, meeting the CMMC and NIST 800-171 compliance requirements. It also provided 2FA solutions for users without needing cell phones, reinforcing the cybersecurity posture without inconveniencing employees with more security touchpoint requirements.

## The Impact of Proximity 2FA

Post-implementation of high-speed 2FA, RMD Inc. saw substantial improvements in IT security and compliance automation capabilities. By leveraging GateKeeper Enterprise's comprehensive solution, RMD dramatically enhanced its security posture while meeting the stringent requirements of CMMC and NIST 800-171.

Importantly, with the GateKeeper Enterprise solution, RMD employees experience no reduction in productivity due to login security requirements. Employees save even more time from faster logins to shared kiosk PCs and now being able to not worry about having to lock the PCs since GateKeeper does this automatically.

GateKeeper Enterprise proved instrumental in addressing RMD's critical challenges in access control, audit compliance, and management within a research lab environment. Most importantly, meeting CMMC/NIST compliance requirements did not add additional tasks or time to login for employees. In fact, since users no longer need to remember passwords, password-related tickets will decrease.

With the deployment of proximity 2FA and smart auditing solutions, RMD Inc. not only met CMMC/NIST compliance requirements but also boosted their operational efficiency. They were able to maintain a robust, secure environment while ensuring unhindered productivity - a clear win for RMD Inc.'s commitment to operational excellence and cybersecurity.

## Testimonial

RMD Inc. acknowledged the transformational impact of the solution, stating, "GateKeeper has been instrumental in addressing critical challenges faced by our organization... GateKeeper stands out for its



seamless integration with Windows, making it an indispensable tool for RMD to enhance our security posture while minimizing operational disruptions. GateKeeper is a game-changer in the realm of access control, audit compliance, and management in a research lab environment. It provides a robust solution that seamlessly integrates with Windows and simplifies adherence to CMMC and NIST guidelines."

### **Going Forward**

RMD Inc.'s successful implementation of proximity 2FA and auditing solution represents a significant achievement in cybersecurity and compliance management. It underlines the effectiveness of the GateKeeper solution in not only meeting CMMC/NIST standards but also enhancing operational efficiency. By partnering with GateKeeper Enterprise, RMD Inc. has taken a significant step in safeguarding their organization's compliance posture, highlighting their role as leaders in cybersecurity best practices. Additionally, employees now have an easier and faster way of logging into PCs, even with the additional security measures.

According to a 2023 ISACA survey, "only 40% of organizations audited their shared workstation access". With the GateKeeper smart auditing solution, RMD Inc. joined this exclusive group, thus significantly reducing their exposure to threats and ensuring clean audit trails. By leveraging the GateKeeper solution, RMD was not only able to easily meet CMMC/NIST compliance requirements, but also strengthened its security posture and increased ease of access for employees, thereby laying a robust foundation for continued growth and innovation. World-class security for world-class research.

