



Enhancing IT Security for a Financial Client

Case Study

Overview

A financial client seeking private funding required a significant upgrade to their IT security infrastructure to meet investment requirements. PSM Partners was engaged to improve their security posture and implement key IT initiatives. Led by our Senior Engagement Manager, our team managed projects, contracts, and served as advocates for the client, ensuring their IT infrastructure aligned with their business goals and financial industry standards.

Our goal was to create a resilient security framework that not only addressed immediate concerns but also provided long-term scalability and compliance with evolving financial regulations.

Challenge

The client faced several security and compliance challenges that needed to be addressed to secure additional investments. Their existing security measures were insufficient to meet investor requirements, and they lacked a structured process for security updates and threat detection.

Additionally, they needed a compliant and scalable IT framework aligned with financial regulations to pass security audits and unlock business growth opportunities. Addressing these challenges required a comprehensive approach that integrated industry best practices and cutting-edge security solutions.

Solutions

To address these challenges, PSM Partners implemented a series of strategic IT security measures:

- **Multi-Factor Authentication (MFA):** Strengthened access control across systems.
- **Microsoft Sentinel SIEM:** Enabled real-time threat detection and monitoring.
- **Patching Schedule:** Established a structured update process for workstations and servers using Microsoft Intune.
- **Change Approval Process (CAB):** Ensured controlled and documented system modifications.
- **Endpoint Detection and Response (EDR):** Enhanced endpoint protection through Microsoft Defender.
- **Vulnerability Scanning & Remediation:** Regular assessments and threat mitigation to maintain compliance.

Key technologies utilized included the NIST Cybersecurity Framework, Microsoft M365 Security Suite, Microsoft Intune, and Microsoft Defender—all crucial in meeting financial industry security and compliance requirements.

Key Takeaways



Through our security enhancements, the client achieved significant operational and business improvements:

- **Strengthened Security & Compliance:** The implementation of security measures aligned with the NIST Cybersecurity Framework resulted in a stronger security posture, validated by annual audits.
- **Facilitated Investment & Business Growth:** Meeting security requirements enabled the client to secure critical private funding and pass additional audits, paving the way for business expansion.
- **Operational Efficiency & Risk Mitigation:** The integration of automated security processes, real-time threat monitoring, and structured change management reduced vulnerabilities and improved overall IT efficiency.
- **Scalability for Future Security Needs:** The solutions implemented provided a strong foundation for ongoing security evolution, ensuring long-term resilience against emerging threats.

CONTACT US

(312) 940-7830 | sales@psmpartners.com
www.psmpartners.com



209 W. Jackson Blvd, Suite 903
Chicago, IL 60606