

# NEXT-GENERATION AUTHENTICATION FOR FINANCIAL SERVICES

Silverfort's agentless and holistic MFA platform monitors user access across all systems and environments and enforces adaptive AI-driven MFA, enabling financial organizations to mitigate threats in real-time and achieve compliance with PCI DSS, SWIFT CSP, NY-DFS, GDPR and more.

Cybersecurity is a top concern for banks, insurance companies, investment funds and other financial organizations, which are prime targets for cyber-attacks due to the valuable financial assets and rich customer data they hold.

## Agentless MFA for Homegrown Applications and Legacy Systems

In financial organizations, the use of legacy and internally-developed applications that are not supported by current MFA solutions creates significant security and compliance challenges. Silverfort's agentless MFA technology can seamlessly enforce MFA on access to legacy and homegrown systems, IT infrastructure (e.g. hypervisors, DCs and network equipment), critical financial servers (e.g. SWIFT servers and Cardholder Data Environment), file shares, databases, IoT devices and more.

## Holistic Visibility and Risk Assessment

Silverfort provides consolidated auditing of user activity across all systems and environments. It automatically maps vulnerabilities and risks, including use of weak authentication protocols, stale accounts and devices, old or expired passwords, shared accounts and more. It also assists organizations in achieving least privileges as part of periodic entitlement reviews, by clearly showing which entitlements are being used and which are redundant. In addition, Silverfort provides advanced AI-based risk assessment to detect and stop identity-related threats, including account takeover, lateral movement, ransomware and brute-force attacks.



*"Silverfort enabled us to address PCI DSS requirements and easily incorporate MFA to systems we couldn't previously protect. Silverfort saved us a lot of time and resources by avoiding any modifications to our systems"*

Michael Rubenchuk,  
VP of IT Operations and  
Infrastructure at BlueSnap

**BlueSnap**<sup>®</sup>

## AI-Driven Authentication Across All Systems and Environments

Silverfort delivers adaptive MFA across entire corporate networks and cloud environments, without deploying any software agents or inline proxies. While other MFA solutions require integration with individual servers and applications, which is an impossible task in large and dynamic networks, Silverfort's technology seamlessly enables strong authentication for all sensitive systems across all environments.

## Addressing Compliance Requirements with Silverfort

Silverfort helps financial organizations achieve compliance with the following regulations:

Regulation	Silverfort addresses the following requirements
PCI DSS	Req 7: control all access to the CDE Req 8.3: Enable MFA across the CDE Req 10: Audit user access to all CDE assets
SWIFT CSP	Req 4.2: enable MFA across all SWIFT servers Req 5.1: Restrict unauthorized access and achieve least privileges
NY-DFS – 23 NYCRR 500	Req. 500.06: Provide a comprehensive audit trail Req. 500.07: Achieve least privileges Req. 500.09: Perform continuous risk assessment Req. 500.12: Enable MFA Req. 500.14(a): Enforce risk-based policies
GDPR	Apply MFA for any access to applications, databases and file shares that contain personal information.
SOX (Sarbanes-Oxley Act)	Ensure secure access and least privileges by monitoring all activity and mapping redundant entitlements.
MAS-TRM	Achieve least privileges, enable MFA for privileged users, and audit all user access activity to comply with Chapter 11.

## Silverfort's Unique Advantages

- MFA enablement for homegrown, legacy and proprietary systems
- Holistic authentication policies across all systems and environments
- Non-intrusive MFA: no software agents, inline proxies or any integration with individual assets
- The most accurate AI-based adaptive authentication engine, leveraging 10x-50x more data than any other authentication solution
- Frictionless user experience with a unified authenticator



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