

# Achieving SEBI Cyber Resilience Compliance with Zimperium



Comprehensive  
Mobile Security for  
Financial Institutions'  
Apps and Devices



# Introduction

The Securities and Exchange Board of India (SEBI) requires regulated entities (REs) to comply with the Cybersecurity and Cyber Resilience Framework (CSCRF). The framework outlines stringent guidelines for securing mobile applications and devices, ensuring data security, continuous monitoring, and incident response to combat evolving threats. Zimperium's mobile security platform empowers financial institutions to meet SEBI's regulations while enhancing their overall security posture with robust, real-time defense against mobile-specific threats.

The SEBI Cybersecurity and Cyber Resilience Framework (CSCRF) is built upon six key pillars:

**Identify, Protect, Detect, Respond, Recover, and Evolve.** These pillars emphasize the importance of being prepared to prevent cyber threats, maintaining operations even during an attack, containing incidents to minimize impact, recovering critical functions quickly, and continuously improving to stay ahead of future threats. Zimperium's mobile security solutions address these pillars by providing proactive threat detection, real-time defense, and over-the-air security updates to withstand attacks, isolate compromised devices, and accelerate incident response for recovery—all designed to secure mobile devices and applications throughout their lifecycle.

## CSCRF KEY PILLARS



Identify



Protect



Detect



Respond



Recover



Evolve



## Zimperium helps clients comply with SEBI requirements in the following ways:

Zimperium Capabilities					
SEBI CONTROL GROUPS		Mobile Endpoint Protection	Mobile App Scanning	Mobile App Shielding <small>includes Runtime Protection</small>	Key Protection
IDENTIFY	<b>ID:RA: Risk Assessment</b>  ID.RA.S3 – Anti-Phishing & Anti-Malware ID.RA.S4 – Risk based Authentication	✓			
	<b>PR.AA: Identity Management, Authentication, and Access Control</b>  PR.AA.S15 – Endpoint Security PR.AA.S17 – Mobile Application Security	✓	✓	✓	✓
PROTECT	<b>PR.DS: Data Security</b>  PR.DS.S4 – Data Storage PR.DS.S5 – Vulnerability Assessments & Best Practices		✓		✓
	<b>PR.IP: Information Protection Processes and Procedures</b>  PR.IP.S1 – Hardening of Hardware and Software PR.IP.S4, PR.IP.S6 – Secure Software Development Life Cycle (SSDLC) PR.IP.S15 – Application security testing		✓	✓	

Zimperium Capabilities					
SEBI CONTROL GROUPS		Mobile Endpoint Protection	Mobile App Scanning	Mobile App Shielding <small>includes Runtime Protection</small>	Key Protection
DETECT	<b>DE.CM: Security Continuous Monitoring</b>  DE.CM.S1 DE.CM.S2 DE.CM.S2 DE.CM.S5	✓		✓	
	<b>DE.DP: Detection Process</b>  DE.DP.S4 – Continuous Testing DE.DP.S5 – Threat Hunting	✓	✓	✓	
RESPOND	<b>RS.CO: Incident Response Reporting and Communication</b>  RS.CO.S1 RS.CO.S2 RS.CO.S3	✓		✓	
	<b>RS.AN: Incident Analysis</b>  RS.AN.S1 RS.AN.S2 RS.AN.S3 RS.AN.S4 RS.AN.S5	✓		✓	
EVOLVE	<b>EV.ST: Strategies</b>  EV.ST.S1 – Threat Modelling EV.ST.S2 – Reduce Attack Surface EV.ST.S3 – Stay Ahead of Emerging Threats	✓	✓	✓	



# Get SEBI-Compliant and Strengthen Your Mobile Security

Request a personalized demo to see how Zimperium helps your security team comply with SEBI's CSCRF guidelines and protect your institution from mobile app and device threats.

[Request a Demo](#)

## About Zimperium

Zimperium, the world leader in mobile security, protects over 1,500 global customers—including leading enterprises and governments—against the ever-evolving mobile threat landscape. Purpose-built for mobile environments, Zimperium provides unparalleled protection for mobile applications and devices, leveraging AI-driven, autonomous security to counter evolving threats including mobile-targeted phishing (mishing), malware, app vulnerabilities and compromise, as well as zero day threats. As cybercriminals adopt a mobile-first attack strategy, Zimperium helps organizations stay ahead with proactive, unmatched protection of the mobile apps that run your business and the mobile devices relied upon by your employees. Headquartered in Dallas, Texas, Zimperium is backed by Liberty Strategic Capital and SoftBank.



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