Fortifying Fintech: How a Leading Digital Payments Platform Enhanced Cybersecurity and Compliance with Invinsense

About the Customer

This Bengaluru-based fintech platform offers a members-only service that rewards individuals for timely credit card bill payments. With over 25 million creditworthy members, the platform provides features such as credit score analysis, spend tracking, and exclusive rewards, transforming each payment into a rewarding experience.

Industry	Fintech / Digital Payments
Challenge	Securing a high-volume, reward-based credit card payment ecosystem while ensuring compliance with financial regulations
Solutions Used	Invinsense XDR, XDR+, OXDR, GSOS

The Challenge

As the platform scaled its operations, it faced several cybersecurity and compliance challenges:

Complex attack surfaces due to integration with multiple financial institutions and services	Increased risk of data breaches with the handling of sensitive financial and personal information	Compliance requirements with global standards such as ISO 27001, SOC 2, and GDPR
Limited visibility into real-time threats across diverse systems and geographies	Need for proactive threat detection to prevent potential disruptions to payment operations	

The Invinsense Solution

To address these challenges, the fintech platform implemented a suite of Invinsense solutions, enhancing their cybersecurity posture and ensuring compliance across all operations.

Invinsense XDR: Comprehensive Threat Detection Across Payment Systems

Invinsense XDR provided centralized monitoring and analytics across the platform's payment and reward systems.

Key Results:

- 72% faster detection of anomalous activities
- Immediate identification of unauthorized access attempts
- Enhanced visibility into security events across critical workflows
- Reduction in false positives, improving incident response efficiency

Invinsense OXDR + CTEM: Proactive Exposure Management

The integration of OXDR and Continuous Threat Exposure Management (CTEM) enabled the provider to proactively identify and remediate vulnerabilities.

Scoping	• Identified over 9,500 assets, including APIs, databases, and user interfaces
Discovery	• Detected 300+ exposed endpoints and misconfigurations
Prioritization	• Assessed risks based on potential impact on payment operations and data security
Validation	• Simulated attacks to test the effectiveness of existing security controls
Mobilization	• Coordinated cross-functional teams to remediate 92% of identified exposures within 28 days

CTEM Outcome:

- 5.2x improvement in vulnerability remediation timelines
- 75% reduction in misconfigurations across digital platforms
- Streamlined vulnerability management processes

Invinsense XDR+: Advanced Threat Detection

Invinsense XDR+ deployed deception technologies to detect and respond to sophisticated threats.

Outcomes:

6.8x increase in early-stage threat identification	Identification of insider threats and unauthorized data access attempts	Deployment of decoy systems to lure and analyze malicious activities	Enhanced threat intelligence, informing proactive security measures

Key Result

- 72% faster detection of anomalous activities across payment systems
- 5.2x improvement in vulnerability remediation timelines
- 96% alignment with ISO 27001 and SOC 2 compliance requirements
- 6.8x increase in early threat identification through deception technology

Executive Insight

"Implementing Invinsense solutions has significantly strengthened our cybersecurity infrastructure, ensuring the safety of our digital platforms and compliance with international standards."

— Chief Information Security Officer, Leading Fintech Platform

Invinsense GSOS: Ensuring Regulatory Compliance

With stringent regulatory requirements, GSOS facilitated continuous compliance monitoring and reporting.

Compliance Outcomes:

Achieved 96% alignment with ISO 27001 and SOC 2 standards	Automated compliance reporting, reducing manual efforts by 68%	Maintained audit readiness across all digital operations

Quantifiable Impact

Category	Improvement
Detection of Anomalous Activities	↑ 72% faster
Vulnerability Remediation Timelines	↑ 5.2x improvement
Regulatory Compliance Alignment	↑ 96%
Early Threat Identification	↑ 6.8x increase
Efficiency in Incident Response	↑ Enhanced through reduced false positives

Conclusion

By leveraging Invinsense's comprehensive cybersecurity solutions, the fintech platform has fortified its digital infrastructure, ensuring secure and compliant operations in its mission to reward financial responsibility and transform the digital payments landscape.

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About Infopercept - Infopercept is one of the fastest growing comprehensive cybersecurity companies in India, serving global clients. It provides platform led managed security services that covers all areas of cybersecurity, including defensive, offensive, detection and response, and security compliance. Infopercept has its own cybersecurity platform, 'Invinsense,' which integrates tools such as SIEM, SOAR, EDR, deception, offensive security, and compliance tools. Its cybersecurity and MDR services include dedicated teams of experts, ensuring that organizations have 24x7 cybersecurity operations support.

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