Securing AI-Driven Valuation: How a Global Fintech Firm Enhanced Cybersecurity and Compliance with Invinsense

About the Customer

This global fintech firm offers an AI-powered platform that revolutionizes the analysis, valuation, and monitoring of illiquid assets. Serving clients across the private capital industry, the company streamlines middle-office processes for alternative investments, enabling seamless data structuring, monitoring, and fair value estimation.

Industry	Fintech / Alternative Asset Management
Challenge	Protecting AI-powered valuation platforms and ensuring compliance with global financial regulations
Solutions Used	Invinsense XDR, XDR+, OXDR, GSOS

The Challenge

As the firm expanded its operations, it faced several cybersecurity and compliance challenges:

Complex attack surfaces due to AI-driven data extraction and valuation processes	Increased risk of data breaches with the handling of sensitive financial 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 valuation operations	

The Invinsense Solution

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

Invinsense XDR: Comprehensive Threat Detection Across Valuation Systems

Invinsense XDR provided centralized monitoring and analytics across the firm's AI-powered valuation platforms.

Key Results:

- 70% 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

Key Result

- 63% faster detection-to-response cycle
- 72% reduction in attack surface exposures
- 87% improvement in compliance readiness across RBI, PCI DSS, and ISO 27001
- 4x increase in threat detection accuracy using deception technology

Executive Insight

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

— Chief Information Security Officer, Global Fintech Firm

Invinsense OXDR + CTEM: Proactive Exposure Management

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

Scoping	• Identified over 6,800 assets, including AI models, databases, and client portals
Discovery	• Detected 220+ exposed endpoints and misconfigurations
Prioritization	• Assessed risks based on potential impact on valuation operations and data security
Validation	• Simulated attacks to test the effectiveness of existing security controls
Mobilization	• Coordinated cross-functional teams to remediate 90% of identified exposures within 30 days

CTEM Outcome:

- 4.7x improvement in vulnerability remediation timelines
- 72% 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:

6.3x 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

Invinsense GSOS: Ensuring Regulatory Compliance

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

Compliance Outcomes:

Achieved 95% alignment with ISO 27001 and SOC 2 standards	Automated compliance reporting, reducing manual efforts by 70%	Maintained audit readiness across all digital operations

Quantifiable Impact

Category	Improvement
Detection of Anomalous Activities	↑ 70% faster
Vulnerability Remediation Timelines	↑ 4.7x improvement
Regulatory Compliance Alignment	↑ 95%
Early Threat Identification	↑ 6.3x increase
Efficiency in Incident Response	↑ Enhanced through reduced false positives

Conclusion

By leveraging Invinsense's comprehensive cybersecurity solutions, the fintech firm has fortified its digital infrastructure, ensuring secure and compliant operations in its mission to revolutionize the valuation and monitoring of illiquid assets globally.

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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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