



Customer Success Story

SISA Radar Helps Modernize Legacy Data Protection Controls and Secure Critical PII for a Leading Digital Financial Utility.

About The Customer

Founded in 2004, the client is a leading provider of digitalization, automation, and data management services for the financial sector, along with several large-scale e-governance initiatives. As a SEBI-registered entity and a key enabler within India's securities ecosystem, the organization plays a critical role in centralizing and simplifying the Know Your Client (KYC) process, allowing investors to complete verification seamlessly across multiple intermediaries without duplication.

Over the years, the client has expanded its portfolio to include digital onboarding and eKYC services, Registrar and Transfer Agent (RTA) operations, and National Insurance Repository (NIR) services. With millions of investor records under management, the organization operates under stringent regulatory expectations for the classification, protection, and security of sensitive Personally Identifiable Information (PII) and payment-related information. It is also recognized as an important partner in advancing the Digital India mission.

Business Challenge

Operating in a highly regulated environment and managing millions of sensitive investor records, the client needed a modern data classification and protection framework that could align with SEBI guidelines while supporting day-to-day business operations. Key challenges included:

01 Replacing an Underperforming Legacy Solution

Their existing data classification platform fell short in critical areas such as real-time classification, detection accuracy, and overall user convenience. The client sought a complete transition to a more cost-effective on-premises solution.

02 Ensuring Zero Business Disruption During Migration

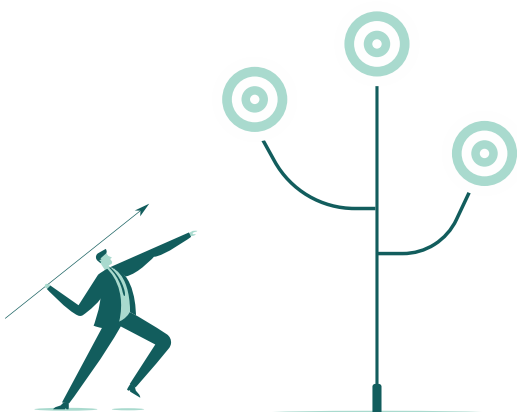
The organization required a seamless rip-and-replace approach that would not disrupt existing workflows, employee productivity, or business-as-usual operations.

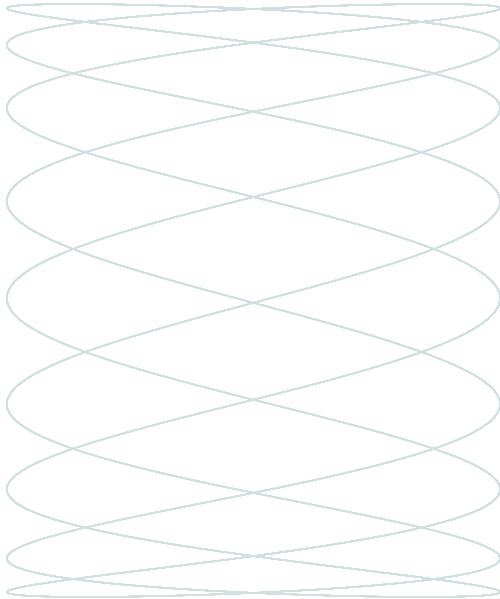
03 Integrating with Existing Security Controls

Any newly classified data also needed to be protected through the client's existing endpoint Data Loss Prevention (DLP) solution, making integration essential.

04 Reducing False Positives with Real-Time Classification

The client required highly accurate detection with minimal false positives, along with automated real-time classification for Microsoft Office files and documents.





- 05 Supporting Specialized Department Workflows**
 Certain business units relied heavily on Excel macro-based processes, requiring customized builds and policy configurations to preserve operational continuity.
- 06 Extending Visibility Across Endpoints and Critical Systems**
 Beyond end-user machines, the client wanted data discovery and classification across production databases and servers hosting large volumes of sensitive PII data.
- 07 Navigating Legacy IT Environments**
 The presence of legacy applications, outdated native tools, and aging IT policies created additional complexity for deployment, integration, and modernization.

SISA's Solution

To address the client's regulatory, operational, and budgetary requirements, SISA implemented a customized deployment of SISA Radar - a scalable, on-premises solution for data discovery, classification, and protection built for complex financial environments. The implementation followed a structured three-step approach designed to help the client transition quickly and strengthen protection of sensitive investor data without disrupting operations.

SISA's Three-Step Implementation Approach



Accelerated Evaluation and Rapid Decision-Making

To support a time-sensitive replacement of the existing legacy tool, SISA enabled a fast-track evaluation process through live product demonstrations and a focused proof of concept. This allowed the client to compare market alternatives quickly, validate outcomes, and make a confident decision quickly.



Secure On-Premises Deployment with Full Data Control

Given the sensitivity of investor information, the client required that all data remain within its own environment. SISA deployed Radar on-premises, ensuring full data sovereignty, internal control over processing, and alignment with security mandates. Radar's SOC 2 Type II compliance further strengthened trust in the platform.



Seamless Integration with Existing DLP Controls

SISA's engineering specialists integrated Radar with the client's existing endpoint DLP solution through metadata-driven policy enforcement. Once files were classified by Radar, downstream DLP controls could automatically apply protection policies, creating a connected discover-classify-protect workflow.

Solution Components



Enterprise-Wide Data Discovery

SISA Radar enabled discovery across end-user machines, production databases, and critical servers hosting sensitive PII. Radar's lightweight, agentless scanning allowed remote discovery across critical systems without impacting day-to-day operations.



Real-Time Classification with High Accuracy

SISA Radar platform was configured to automatically apply default labels in real time and revalidate classifications whenever file content changed, ensuring labels remained current and accurate throughout the data lifecycle.



Custom Discovery Templates

Beyond standard SEBI-related PII templates, SISA developed tailored discovery templates as ready-to-use modules for additional sensitive business data, giving the client broader visibility and protection coverage.



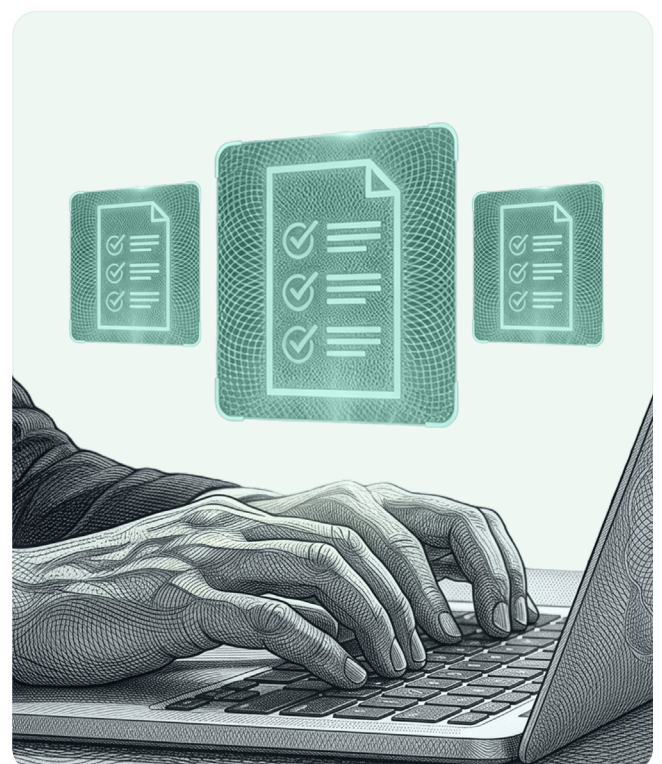
Tailored Builds for Specialized Teams

To address certain departments' requirement for Excel macro-based workflows that demanded environment-specific compatibility, SISA developed customized builds and configurations, ensuring compatibility without compromising productivity.



Support for Complex IT Environments

The client operated a diverse ecosystem spanning Outlook, multiple file types, databases, and servers. As requirements evolved, SISA's engineering team accelerated roadmap enhancements to support additional email platforms and exchange formats.



Business Impact

SISA Radar provided a cost-effective, accurate, and scalable solution that addressed the client's regulatory, operational, and technical challenges while respecting strict budgetary constraints. By enabling comprehensive data discovery, real-time classification, and seamless integration with existing DLP controls, Radar helped the organization strengthen its data governance posture without compromising usability or performance.

Key outcomes achieved included:



Regulatory compliance

The client achieved improved alignment with SEBI Guidelines by implementing centralized, consistent, and auditable classification of sensitive data across endpoints, databases, servers, and email platforms.



High accuracy with low false positives

SISA Radar demonstrated strong detection accuracy, even when tested by SEBI-regulated auditors who intentionally injected false-positive data. The solution correctly identified true positives and applied appropriate classifications in real time.



Seamless rip-and-replace

The legacy data classification tool was successfully replaced without disruption to business operations, ensuring continuity across departments and user tiers.



Real-time classification and reclassification

Automated, real-time classification was implemented across Microsoft Office applications, with continuous re-evaluation to ensure modified files retained correct sensitivity labels.



Integrated protection with existing DLP

SISA Radar's metadata-based integration enabled the client's existing endpoint DLP solution to automatically enforce protection policies, ensuring classified data was safeguarded without introducing a new protection layer.



On-premises, secure deployment

All discovery, processing, and storage remained within the client's infrastructure, satisfying strict data residency requirements and reinforcing trust through Radar's SOC 2 Type 2 compliance.

Overall, the engagement reinforced SISA's capability to deliver practical, regulator-aligned, and enterprise-ready data security solutions, helping one of SEBI's key enablers confidently protect millions of investors' sensitive information. The solution not only met current SEBI compliance requirements but also positioned the client for future regulatory readiness and scalable data protection as its ecosystem evolves.

About SISA

SISA is a global leader in cybersecurity for the payment ecosystem, operating at the intersection of AI, cybersecurity, and payments. Trusted by leading brands and financial institutions across 40+ countries, SISA secures over 1,000 organizations by helping them anticipate threats, strengthen resilience, and protect critical payment infrastructure. Powered by real-world breach intelligence, SISA enables organizations to stay ahead of evolving cyber risks. Follow SISA on LinkedIn for the latest insights on cybersecurity, payment security innovation, and emerging technologies.

SISA's Portfolio of Forensics-driven Cybersecurity Solutions

Compliance	Security	Privacy
<p>Payment Security</p> <ul style="list-style-type: none"> • PCI DSS Compliance • PCI PIN • PCI 3D Secure (3DS) • PCI P2PE Compliance • PCI S3 • PCI S-SLC • PCI CP (Card Production) • PCI SAQ Compliance • Facilitated PCI SAQ • Quarterly Health Check-ups • Central Bank Compliance <p>Strategy & Risk</p> <ul style="list-style-type: none"> • SWIFT • HIPAA • ISO Management System Services • NIST • SOC Compliance • HITRUST Certification • Information Security Risk Assessment • CSA STAR Assessment & Certification • Crisis Management Exercise / Crisis Management & Incident Response Simulation Exercises • Indian Regulatory Cybersecurity Audit & Assurance Services <p>Unified Audits</p> <p>Managed Compliance</p>	<p>Security Testing</p> <ul style="list-style-type: none"> • Application Security Testing • Infrastructure & Network Security • Cloud & Container Security • IoT Security Testing • Adversary-Led Ransomware Simulation • Red Teaming <p>ProACT Agentic SOC</p> <p>Digital Forensics & IR (DFIR)</p> <ul style="list-style-type: none"> • Payment Forensics Investigation • Internal Forensic Investigation • Acquirer Led Investigation • Ransomware Incident Response • Breach and Attack Simulation • Compromise Assessment • Cloud Forensics • Retainer Services • Digital Threat Report Briefing Session <p>PRISM</p> <ul style="list-style-type: none"> • Prism Discovery (AIBOM) • Prism Strike (Gen AI app PT) • Prism Secure (Model Security) • Prism Observe (Live AI App monitoring) <p>Quantum Security</p>	<p>Data Protection and Governance</p> <ul style="list-style-type: none"> • SISA Radar (Discovery & Classification) <p>Data Privacy Consulting Services</p> <ul style="list-style-type: none"> • DPDPA (India) Compliance Consulting • GDPR • CCPA

SISA is a global cybersecurity leader for the payments ecosystem

USA | Canada | UK | Bahrain | Saudi Arabia | UAE | Qatar | India | Singapore | Malaysia | Australia

To learn more about SISA's offerings visit us at www.sisa.ai or
Contact your SISA sales representative at contact@sisa.ai