



CUSTOMER SUCCESS STORY

SISA's tailored approach to the RBI data localization audit enabled secure UPI 123 on non-feature phones

ABOUT THE CUSTOMER

The client is a large business conglomerate that provides a variety of digital services such as telecom, broadband, e-commerce, and online payment solutions. Headquartered in India, the client aims to radically transform the nation's financial landscape by spearheading an ecosystem that provides accessible, simple, and inexpensive banking solutions to all. Fueled by this ambition, the client's digital payments bank teamed up with a mobile manufacturer, unveiling a budget-friendly, non-feature phone equipped with UPI 123 technology.

THE CHALLENGE

The client had an urgent requirement: a data localization audit and an exhaustive system audit report for their premier non-feature phone. Their overarching objective was to facilitate UPI payments directly, bypassing the need for a dedicated mobile app. To gain a competitive edge in a rapidly growing and fiercely competitive market, they aimed to secure RBI data localization certification prior to product launch. The challenges were two-fold: first, completing a data localization audit within a tight two-day timeframe, and second, comprehending and auditing the intricate architecture of the non-feature phone in a limited period. Both necessitated swift coordination and prompt responses. To address this urgency, the client required dedicated resources who could understand the complex network architectures, ensuring continuous support to cater to the pressing needs.



SOLUTION OFFERED BY SISA

SISA's long-standing experience in spearheading unconventional projects meant we had the skills to craft innovative solutions for stringent compliance needs. As one of the oldest cybersecurity compliance services companies in the India region, our cadre of certified auditors is deeply entrenched in the nuances of RBI data localization regulations. This ensured a detailed examination of every facet of the audit with SISA's internal QA team collaborating closely with the client's delivery and audit divisions.

Acknowledging the project's pressing timeline, SISA offered unwavering, 24/7 support, ensuring instant assistance at each audit juncture. Our bespoke auditing strategy ensured the client met compliance within the stipulated period. We delved deep into the non-feature phone's ecosystem, pinpointing and mitigating all potential risk vectors.

However, our responsibilities extended beyond mere auditing. Recognizing the broader implications of our role, we systematically provided guidance for the future. Leveraging our repository of forensic data and learnings from previous engagements, we presented the client with a structured set of best practices and informed recommendations. This diligent methodology not only identified existing vulnerabilities but also ensured their mitigation, thereby enhancing the comprehensive security infrastructure of the product.

BUSINESS IMPACT

SISA's expertise and experience with Indian Payment regulations and work with governing bodies like RBI, IDRBT, NPCI, IRDAI, etc., played a pivotal role in completing the RBI audit faster. The seamless coordination between the client and SISA resulted in the launch of the certified product on the committed timelines. The successful completion of the data localization audit enabled the client to capture a significant 40% market share in the UPI payments space and expand its reach to the tier-2 cities population of the country. The client acknowledged the SISA team's round-the-clock support and consultation and promptly implemented the security recommendations which proved instrumental in the project's success.

SISA is a global forensics-driven cybersecurity solutions company, trusted by leading organizations for securing their businesses with robust preventive, detective, and corrective cybersecurity solutions. Our problem-first, human-centric approach helps businesses strengthen their cybersecurity posture. Industry recognition by CREST, CERT-In and PCI SSC serves as a testament to our skill, knowledge, and competence. We apply the power of forensic intelligence and advanced technology to offer true security to 2,000+ customers in 40+ countries.

Compliance	Security Testing	Cyber Resilience
<p>Payment Data Security</p> <ul style="list-style-type: none"> • PCI DSS • PCI PIN • PCI 3DS • PCI P2PE • PCI S3 • PCI S-SLC • PCI CP (Card Production) • Facilitated PCI SAQ • Quarterly Health Check-ups • Central Bank Compliance • SWIFT <p>Strategy and Risk</p> <ul style="list-style-type: none"> • CCPA • GDPR • HIPAA • ISO • NIST • SOC 1 • SOC 2 • Cloud Security 	<p>Application Security</p> <ul style="list-style-type: none"> • Application Penetration Testing • CREST/CERT-in Approved Security Testing • API Security Testing • Secure Code Review <p>Network Security</p> <ul style="list-style-type: none"> • Vulnerability Assessment • Penetration Testing • Configuration Review • Red Teaming Exercise • Firewall Rule Review • PCI ASV Scan • Phishing Simulation <p>Hardware and IoT Security Testing</p> <ul style="list-style-type: none"> • Firmware Security Testing • Hardware/Embedded Security Testing • IoT Network Security Testing • IoT/Embedded Application and Management Layer Security Testing 	<p>Managed Detection and Response Solution – SISA ProACT</p> <ul style="list-style-type: none"> • Monitoring • Attack Simulation • Use-case Factory • Advanced Threat Hunting <p>Digital Forensics and Incident Response</p> <ul style="list-style-type: none"> • Incident Response / Compromise Assessment Services • Forensic Readiness Audit • Forensic and Incident Response Retainer Service • Payment Forensics Investigation • Internal Forensics Investigation • Ransomware Simulation

Data Protection and Governance	SISA Training
<p>Data Discovery and Classification - SISA Radar</p> <ul style="list-style-type: none"> • Card Data Discovery • PII (Privacy) Discovery • Data Classification • Data Masking/Encryption <p>Data Security as a Service</p>	<p>Payment Data Security Implementation</p> <ul style="list-style-type: none"> • CPISI • CPISI Advanced • CPISI-D (Developers) <p>Security Incident Detection and Response Programs</p> <ul style="list-style-type: none"> • CIDR <p>Cybersecurity Awareness</p> <p>Forensic Learning Sessions for Senior Management</p>

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