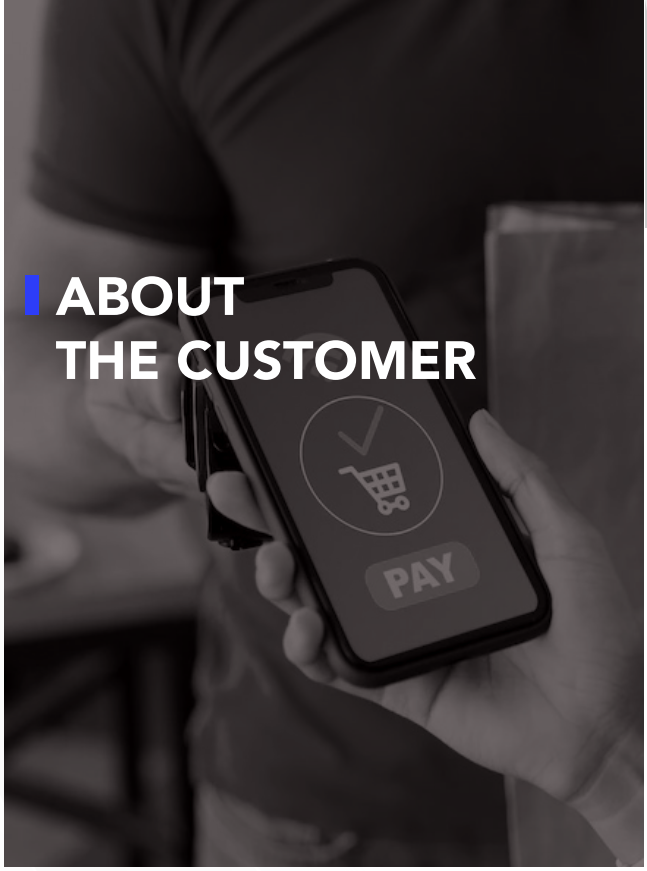
SISA

CUSTOMER SUCCESS STORY

SISA ProACT's cloud-based MDR solution helps Tonik Digital Bank improve real-time threat detection and response



ABOUT THE CUSTOMER

Tonik Digital Bank is one of the earliest digital-only (NEO) banks to operate in the Asia Pacific region. The bank offers retail banking products including deposits, savings accounts, payments,loans, and cards. Being one of the leading digital-only banks, it gained a lot of popularity among digitally savvy customers and witnessed accelerated adoption amidst the COVID-19 pandemic. It's USPs (Unique Selling Propositions) are extremely user-friendly and secure banking applications.

Currently, Tonik Digital Bank serves over 1 million customers and has secured over $100 million worth of deposits within the first 6 months of its operations in the Philippines.

THE CHALLENGE

Being a digital-only bank, it was of paramount importance for Tonik Digital Bank to secure sensitive data and adhere to compliance standards. It needed to take a proactive approach to secure against increasing sophistication and frequency of cyberattacks, advanced attacks on endpoints, third-party risk, and inherent threats from its cloud infrastructure. Maintaining a secure environment while enabling uninterrupted operations for rapid business growth was the top most priority.

To achieve these objectives the bank evaluated solutions that could help them with proactive threat detection, enhance the visibility of their digital assets, and secure their dispersed infrastructure along with setting up 24-hour alert monitoring.

SOLUTION OFFERED BY SISA

SISA leveraged forensics learnings along with practitioner-guided insights to provide the bank's security team with the necessary direction they needed to move forward. Tonik Digital Bank initially engaged SISA to perform application penetration testing, vulnerability assessment and PCI DSS compliance audit. The positive outcomes from the engagement along with SISA team's consultative approach gave them the confidence to enlist SISA as their MDR services provider. The bank extended the partnership by choosing SISA ProACT MDR solution for its comprehensive, next-gen, scalable, and user-friendly solution to help address their business challenges. With SISA ProACT, the bank was able to detect anomalies in its network traffic and improve its security posture with real-time visibility into potential threats. With a unified dashboard and built-in drag-and-drop features, ProACT's user interface allowed the bank to create bespoke reports on the state of their infrastructure.

SISA's SOC team also provided the bank with 24x7 monitoring of all its assets, including weekends. Staffed with a highly trained group of threat analysts and researchers, the SOC team helped the bank by accelerating the detection, prioritization, and response to advanced cyber threats.

More importantly, being a 100% cloud-native application, SISA ProACT offered Tonik Digital Bank flexibility to expand based on the growing needs of its business and realize considerable cost savings in infrastructure.

CUSTOMER QUOTE

"Harnessing the power of AI/ML and behavior-based analytics, it's remarkable how the SISA ProACT platform manages to refine threat hunting and investigative capabilities. This has bolstered our productivity and resulted in a sharp reduction in our mean time to detect (MTTD). A noteworthy addition has been the daily actionable threat advisories, ensuring we're never blindsided and always equipped to preemptively tackle emerging threats. Plus, the 70+ threat intel feeds integrated into their MDR platform further broadens our horizon, providing a comprehensive view of the ever-shifting cyber threat landscape. What truly sets SISA apart, however, is their impeccable team—who are always poised to offer their support and guidance as our teams collaborate."

Melvin M. Ramis
Chief Technology Officer (PH), Tonik Digital Bank, Inc

BUSINESS IMPACT

With SISA's 24x7x365 monitoring, Tonik Digital Bank was able to identify and respond to potential threats, swiftly. It also allowed them to have proactive threat-hunting capabilities with an automated incident response system. SISA's forensics-driven approach with a rigorous focus on learning from every forensic investigation together with the proven process of layering on practitioner insights, helped the bank advance their cyber security program in parallel with their aggressive growth strategy.

The bank has seen many advantages with this service such as improved detection accuracy, faster incident resolution time, reduced false positives, and improved compliance levels.

SISA ProACT's MDR solution also enabled Tonik Digital Bank to get PCI-DSS certified - helping them meet all the compliance metrics and providing them with all the required reports for audits.

After the implementation, Tonik Digital Bank's threat detection and response capability improved significantly with:

- Mean Time to Detect (MTTD) being reduced to <60 minutes and
- Mean Time to Respond (MTTR) cut down to <24 hours.

In addition, through actionable IOCs (Indicators of Compromise) and forensics-based intelligence, shared every day, the bank's overall security posture improved significantly.
As part of the continuous awareness program, SISA also conducted a Forensic Learning Session (FLS) and SISA Ransomware Prevention Learning Session to help improve employee awareness and preparedness for any future breach incidences. Tonik Bank has continuously given SISA a promoter score for the past four quarters.

SISA

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. We apply the power of forensic intelligence and advanced technology to offer true security to 2,000+ customers in 40+ countries.

Compliance

Payment Data Security

- 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

Strategy and Risk

- CCPA
- GDPR
- HIPAA
- ISO
- NIST
- SOC 1
- SOC 2
- Cloud Security

Security Testing

Application Security

- Application Penetration Testing
- CREST/CERT-in Approved Security Testing
- API Security Testing
- Secure Code Review

Network Security

- Vulnerability Assessment
- Penetration Testing
- Configuration Review
- Red Teaming Exercise
- Firewall Rule Review
- PCI ASV Scan
- Phishing Simulation

Hardware and IoT Security Testing

- Firmware Security Testing
- Hardware/Embedded Security Testing
- IoT Network Security Testing
- IoT/Embedded Application and Management Layer Security Testing

Cyber Resilience

Managed Detection and Response Solution – SISA ProACT

- Monitoring
- Attack Simulation
- Use-case Factory
- Advanced Threat Hunting

Digital Forensics and Incident Response

- 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

Data Discovery and Classification Tool – SISA Radar

- Card Data Discovery
- PII (Privacy) Discovery
- Data Classification
- Data Masking/Encryption

Data Security as a Service

SISA Training

Payment Data Security Implementation Programs

- CPISI
- CPISI Advanced
- CPISI-D (Developers)

Security Incident Detection and Response Programs

- CIDR

Cybersecurity Awareness

Forensic Learning Sessions for Senior Management

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