

CASE STUDY OF

CISO AS A SERVICE

A Leading Finance Company in the Kingdom of Saudi Arabia

It was the first lease financing company of its kind in the Kingdom was incorporated on January 16, 2001 as a closed joint stock company with a mandate to provide medium term asset financing to all productive sectors of the economy with particular emphasis to serving the needs of small to medium size enterprises and thereby, assist in extending and expanding the credit delivery mechanism in the Kingdom.

Business Challenge

- Audit Findings by independent parties and regulator to be mitigated related to Cybersecurity and Information Technology including partially business continuity.
- Compliance to the regulatory SAMA Cybersecurity Framework to be ensured.
- Compliance to regulatory notifications and circulars to be ensured.
- Security Operations Center Assessment and Improvement to be done.
- Compliance to SAMA BCM Framework to be ensured.
- Comprehensive Risk Assessments to be conducted for Cybersecurity, IT and Business Continuity.
- Governance, Risk and Compliance was obsolete and needed re-architecture.
- IT Security was outdated and needed to be improved.
- Threat Intelligence and vulnerability Management to be established.
- KRIs and KPIs of Standards to be conducted.
- Data Center, BCP and DR Site Assessments to be conducted and gaps to be mitigated.
- Cybersecurity Function and Business Continuity Functions to be established.



Skillmine Solution

-  Established the Committees and hired required skilled resources.
-  Conducted the GAP assessments and presented the findings to the concerned committee.
-  Redefined the Cybersecurity, IT and Business Continuity programs and Strategies.
-  Developed newly required documents (policy, procedures, standards etc) and re-defined existing documents.
-  Re-engineered and automated the processes.
-  Risk-based controls to be implemented and embedded to the processes.
-  Skill-based trainings to relevant stakeholders.
-  Review, Assess and drive improvements to various Technology areas like Network Security, Data Centre Security, End Point Security, Web / Email / Cyber Security, Data
-  Security by usage of right technology solutions in line with the Enterprise Architecture.
-  Formulate a comprehensive Vulnerability Management regime to identify and mitigate IT Security Issues.
-  Understanding IT Threat landscape & Remediation Strategy.

- Ensure Right alignment with the current & future business goals for the Business
- Ensure that appropriate Priority, Budget, and Capability is assigned to the InfoSec function.
- Review Enterprise Security architecture and re-architect as required in line with SAMA standards.
- Ensure that the InfoSec Risk Management in place in line with the Organization Risk Management framework.
- Created assurance for meeting Regulatory & Compliance Requirements (SAMA CSF)
- Ensure Third Party Risk Management was followed properly.

- As needed, formulate a function SOC with Security Incident Management.
- Formulated strategies for DR (Disaster Recovery) and BCP (Business Continuity Plans).
- Create working plans and testing procedures for Successful BCM on a regular cycle.
- Ensure an Audit Ecosystem to identify weakness and track Remediation
- Drive the culture of Continuous Improvement to overall improve SAMA Score for organization.



9+

Months the entire process was completed.

3+

Countries the services were completed.

100+

GPA's Initiated mitigation of audit findings and reported.

248

Privacy and Security Controls Implemented.

55

Audit Findings Closed.

0

Escalations were Reported after Implementation.

Capability & Competency



InfoSec
GRC
Management



Organization
Risk
Management
Framework



IT Threat
landscape &
Remediation
Strategy



Formulated
strategies for
Disaster Recovery
& Business
Continuity Plans



Formulated a
comprehensive
Vulnerability &
Threat Management
regime to identify
and mitigate
IT Security Issues

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