SAYYAM INVESTMENTS PRIVATE LIMITED

Regd. Off: Agyathuri, Chamajali, Amingaon Guwahati
Kamrup assam 781031
CIN- **U74900AS2012PTC011294**

'INFORMATION TECHNOLOGY / INFORMATION SYSTEM POLICY'

of

Sayyam Investments Private Limited

Email id: compliance@sayyaminvestments.in   SAYYAM INVESTMENTS PRIVATE LIMITED
Telephone no: 022-489-30118   Corporate Office: 1 and 2 Floor Khykha Court II #8, 2nd Stage
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Introduction

Reserve Bank of India vide its circular RBI/DNBS/2016-17/53 (Master Direction DNBS. PPD.No.04/66.15.001/2016-17) of June 8, 2017 has given guidelines for Information Technology Framework for the NBFC sector ("Guidelines"). These Guidelines aim to enhance safety, security, efficiency in processes leading to benefits for NBFCs and their customers. NBFCs, pursuant to these Guidelines, are required to conduct a formal gap analysis between their present status and stipulations as set out in the Guidelines and put in place a time-bound action plan to address the gap.

This IT Framework falls within the scope of Section B of the Guidelines i.e. NBFCs with asset size of below INR 500 crores (Indian Rupees Five Hundred Crores only).

IT governance is an integral part of corporate governance of SAYYAM INVESTMENTS PRIVATE LIMITED (Sayyam), and effective IT governance is the responsibility of the board of directors of Sayyam ("Board") and its executive management. Sayyam has designated a Head of Technology as the Chief Technology Officer ("CTO") of its IT operations and the Board exercisesoversight on the CTO. The CTO ensures implementation of this IT Framework which, inter alia, includes (i) Security aspects; (ii) User Role; (iii) Information Security and Cyber Security; (iv) Business Continuity Planning Policy; (v) Back-up Data. For the purpose of effective implementation of this IT Framework, the CTO shall ensure technical competence at senior/middle level management of Sayyam. The CTO is also responsible for periodic assessment of the IT training requirements to ensure the availability of sufficient, competent and capable human resources in Sayyam.

A. Security Aspects

(i) Password Policy

All users are responsible for keeping their passwords secure and confidential. The password credentials of the users must comply with the password parameters ("Complexity Requirements") and standards laid down in this IT Framework. Passwords must not be shared with or made available to anyone in any manner that is not consistent with this IT Framework.

The Complexity Requirements for setting passwords are as follows:

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- A strong password must be at least 8 (Eight) characters long.

- It should not contain any of the user's personal information—specifically his/her real name, user name, or even company name.

- It must be very unique from the passwords used previously by the users.

- It should not contain any word spelled completely.

- It should contain characters from the four primary categories i.e. uppercase letters, lowercase letters, numbers, and characters.

- To ensure that a compromised password is not misused on a long-term basis, users are encouraged to change the password every 30 (Thirty) days

. • Passwords must not be stored in readable form in computers without access control systems or in other locations where unauthorized persons might discover them. Passwords must not be written down and left in a place where unauthorized persons might discover them.

- Immediately upon assignment of the initial password and in case of password "reset" situations, the password must be immediately changed by the user to ensure confidentiality of all information.

- Under no circumstances, the users shall use another user's account or password without proper authorization.

- Under no circumstances, should the user share his/her password(s) with other user(s), unless the said user has obtained from the concerned branch manager/IT head the necessary approval in this regard. In cases where the password(s) is shared in accordance with the above, the user shall be responsible for changing the said password(s) immediately upon the completion of the task for which the password was shared.

(ii) Access Controls

- Access to the Sayyam's electronic information and information systems, and the facilities where they are housed, is a privilege that may be monitored and revoked without notification. Additionally, all access is governed by law and Sayyam policies including but not limited to requirements laid down in this policy.

- Persons or entities with access to the Sayyam's electronic information and information systems are accountable for all activities associated with their user credentials. They are responsible to protect the confidentiality, integrity, and availability of information collected, processed, transmitted, stored, or transmitted by Sayyam, irrespective of the medium on which the information resides.

- Access must be granted on the basis of least privilege - only to resources required by the current role and responsibilities of the person.

- Requirements:

a. All users must use a unique ID to access Sayyam's systems and applications.

b. Alternative authentication mechanisms that do not rely on a unique ID and password must be

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formally approved.

c. Remote access to Sayyam systems and applications must use a two-factor authentication where possible

d. System and application sessions must automatically lock after 10 (Ten) minutes of inactivity.

B. Information Security and Cyber Security

(i) Information Security:

Sayyam has an information security framework with the following principles:

- Identification and classification of information assets: Sayyam maintains detailed inventory of information asset with distinct and clear identification of the asset.

- Functions: The information security function is adequately resourced in terms of the number of staff, level of skill and tools or techniques like risk assessment, security architecture, vulnerability assessment, forensic assessment, etc. Further, there is a clear segregation of responsibilities relating to system administration, database administration and transaction processing.

- Role based access control – Access to information is based on well-defined user roles (system administrator, user manager, application owner.). Sayyam has a clear delegation of authority to upgrade/change user profiles and permissions and also key business parameters.

- Personnel Security - A few authorized application owners/users may have intimate knowledge of financial institution processes and they pose potential threat to systems and data. SI has a process of appropriate checks and balances to avoid any such threat to its systems and data. Personnel with privileged access like system administrator, cyber security personnel, etc are subject to rigorous background check and screening.

- Physical Security - The confidentiality, integrity, and availability of information can be impaired through physical access and damage or destruction to physical components. Sayyam has created a secured environment for physical security of information assets such as secure location of critical data, restricted access to sensitive areas like data centers etc. and has further obtained adequate insurance to safeguard such data.

- Maker-checker – Maker checker is one of the important principles of authorization in the information systems of financial entities. It means that for each transaction, there are at least two individuals necessary for its completion as this will reduce the risk of error and will ensure reliability of information. Sayyam ensures that it complies with this requirement to carry out all its business operations.

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- Trails - Sayyam ensures that audit trails exist for IT assets satisfying its business requirements including regulatory and legal requirements, facilitating audit, serving as forensic evidence when required and assisting in dispute resolution. If an employee, for instance, attempts to access an unauthorized section, this improper activity is recorded in the audit trail.

- Mobile Financial Services – Sayyam has a mechanism for safeguarding information assets that are used by mobile applications to provide services to customers. The technology used by Sayyam for mobile services ensures confidentiality, integrity and authenticity and provides for end-to- end encryption.

- Social Media Risks – Sayyam uses social media to market their products and is well equipped in handling social media risks and threats in order to avoid any account takeover or malware distribution. Sayyam further ensures proper controls such as encryption and secure connections to mitigate such risks.

- Digital Signatures - A Digital signature certificate authenticates entity's identity electronically. Sayyam protects the authenticity and integrity of important electronic documents and also for high value fund transfer. • Regulatory Returns – Sayyam has adequate system and formats to file regulatory returns to the RBI on a periodic basis. Filing of regulatory returns is managed and verified by the authorized representatives of Sayyam.

(ii) Cyber Security

- Sayyam takes effective measures to prevent cyber-attacks and to promptly detect any cyber intrusions to respond / recover / contain the fall out. Among other things, Sayyam takes necessary preventive and corrective measures in addressing various types of cyber threats which includes denial of service, distributed denial of services (DDoS), ransom-ware / crypto ware, destructive malware, business email frauds including spam, email phishing, spear phishing, whaling, vishing frauds, drive-by downloads, browser gateway fraud, ghost administrator exploits, identity frauds, memory update frauds and password related frauds.

- Sayyam realizes that managing cyber risk requires the commitment of the entire organization to create a cyber-safe environment. This requires a high level of awareness among staff at all levels. Sayyam ensures that the top management and the Board have a fair degree of awareness of the fine nuances of the threats. Further, it also proactively promotes, among their customers, vendors, service providers and other relevant stakeholders an understanding of their cyber resilience objectives, and ensures appropriate action to support their synchronised implementation and testing.

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(iii) Confidentiality

• Sayyam, along with preservation and protection of the security (as set out in detail above), also ensures confidentiality of customer information in the custody or possession of the service provider.

• Access to customer information by employees of the service provider to Sayyam is on 'need to know' basis i.e., limited to those areas where the information is required in order to perform the outsourced function.

• Sayyam further ensures that the service provider isolates and clearly identifies Sayyam's customer information, documents, records and assets to protect the confidentiality of the information. Sayyam has strong safeguards in place so that there is no comingling of information / documents, records and assets.

• Sayyam ensures that it immediately notifies RBI in the event of any breach of security and leakage of confidential customer related information.

• In furtherance to this Policy, Sayyam has implemented various internal IT policies in the Company as below:

a) Acceptable Usage Policy
b) Antivirus Policy
c) Application Security Policy
d) Asset Management Policy
e) Backup and Restoration Policy
f) Card Data Management and Retention Policy
g) Change Management Policy _ Procedure
h) Clear Desk and Clear Screen Policy
i) Control Effectiveness Measurement
j) Corrective Action Procedure
k) Cryptographic policy
l) Data Classification, Retention and Disposal Policy
m) Data physical access control Policy
n) Data Protection Policy
o) Desktop Hardening Policy
p) Disaster Recovery Planning Policy
q) Email policy
r) Endpoint Security Policy

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s) Exit Procedure

t) Firewall Security Policy

u) Human Resource Policy

v) Incident management Procedure

w) Information classification labelling Handling Policy

x) Information Security Incident Management Policy

y) Information Security Policy

z) Internal Audit Procedure

aa) Internal Policy

bb) Internet Policy

cc) IP and Copyrights Policy

dd) ISMS Scope and Objectives

ee) Log Retention Policy

ff) Logging and Monitoring policy

gg) Logical access control policy

hh) Mail size Restriction Policy

ii) Management Review procedure

jj) Mobile computing device handling policy

kk) Network security policy

ll) Password policy

mm) Patch management policy

nn) Physical access control policy

oo) Physical and environmental security policy

pp) Preventive Action procedure

qq) Procedure for deleting card data

rr) Remote access policy

ss) Risk assessment methodology

tt) secure data transmission policy

uu) secure login procedure

vv) Security monitoring policy

ww) service provider management policy

xx) software acquisition policy

yy) software development life cycle

zz) software installation procedure

aaa) system acquisition, development_maintenance

bbb) Third party network access procedure

ccc) third party security policy

ddd) time synchronization policy

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eee) vulnerability management policy

fff) wireless security policy

ggg) Business continuity management policy

hhh) Communication and operations management policy

iii) Human resource security policy

jjj) IT security compliance policy

kkk) Mobile device policy

lll) Supplier relationship policy

mmm) ISMS_APEX_01 Information Security Management Scope

C. Business Continuity Planning (BCP)

• BCP forms a significant part of any organization's overall Business Continuity Management plan, which includes policies, standards and procedures to ensure continuity, resumption and recovery of critical business processes. BCP at Sayyam is also designed to minimise the operational, financial, legal, reputational and other material consequences arising from a disaster. Sayyam has a Board approved BCP Policy. The functioning of BCP shall be monitored by the Board by way of periodic reports.

• Sayyam requires its service providers to develop and establish a robust framework for documenting, maintaining and testing business continuity and recovery procedures. Sayyam ensures that the service provider periodically tests the Business Continuity and Recovery Plan and occasionally conducts joint testing and recovery exercises with its service provider

• In order to mitigate the risk of unexpected termination of the outsourcing agreement or liquidation of the service provider, Sayyam retains an appropriate level of control over their outsourcing and the right to intervene with appropriate measures to continue its business operations in such cases without incurring prohibitive expenses and without any break in the operations of Sayyam and its services to the customers.

• Sayyam ensures that service providers are able to isolate Sayyam's information, documents and records and other assets. In appropriate situations, Sayyam can remove, all its assets, documents, records of transactions and information given to the service provider, from the possession of the service provider in order to continue its business operations, or delete, destroy or render the same unusable.

• The CTO is responsible for formulation, review and monitoring of BCP to ensure continued effectiveness including identifying critical business verticals, locations and shared resources to prepare a detailed business impact analysis.

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- After the vulnerabilities and inter relationships between various systems, departments and business processes are identified, there should be a recovery strategy available with the CTO to minimise losses in case of a disaster. Sayyam also has the option of alternate service providers and would be able to bring the outsourced activity back in-house in case of an emergency.

- Sayyam also has in place necessary backup sites for their critical business systems and Data centers. These plans are also tested by Sayyam on a regular basis. The results along with the gap analysis are placed by the CTO before the Board.

D. Back-Up Of Data With Periodic Testing

- In order to prevent loss of information by destruction of the magnetic means in which it is stored, a periodic backup procedure is carried out. The responsibility of backing up the information located in shared access servers is the network administrators.

- Restoration testing on a time to time basis is done as both hard disks and magnetic tapes are prone to errors. As a general rule, daily full backup happens for all critical business application and a complete weekly full backup is carried out including file servers/old data kept on servers. The Board approves of this IT Framework and has overall charge of the operational functions of Sayyam. The Board is further responsible for timely amending this IT Framework pursuant to its operations and/or any change in the regulations or new regulations issued by the RBI in relation to this IT Framework.

E. System Generated Reports

Sayyam shall ensure that system generated reports shall be generated for Top Management summarising financial position including operating and non-operating revenues and expenses, cost benefit analysis of segments/verticals, cost of funds, etc.;

F. Regulatory Returns To RBI (Cosmos Returns)

Sayyam shall ensure adequacy to file regulatory returns to RBI (COSMOS Returns).

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