Reimagining Your Data Governance Programs and Mitigating COVID-19 Risks

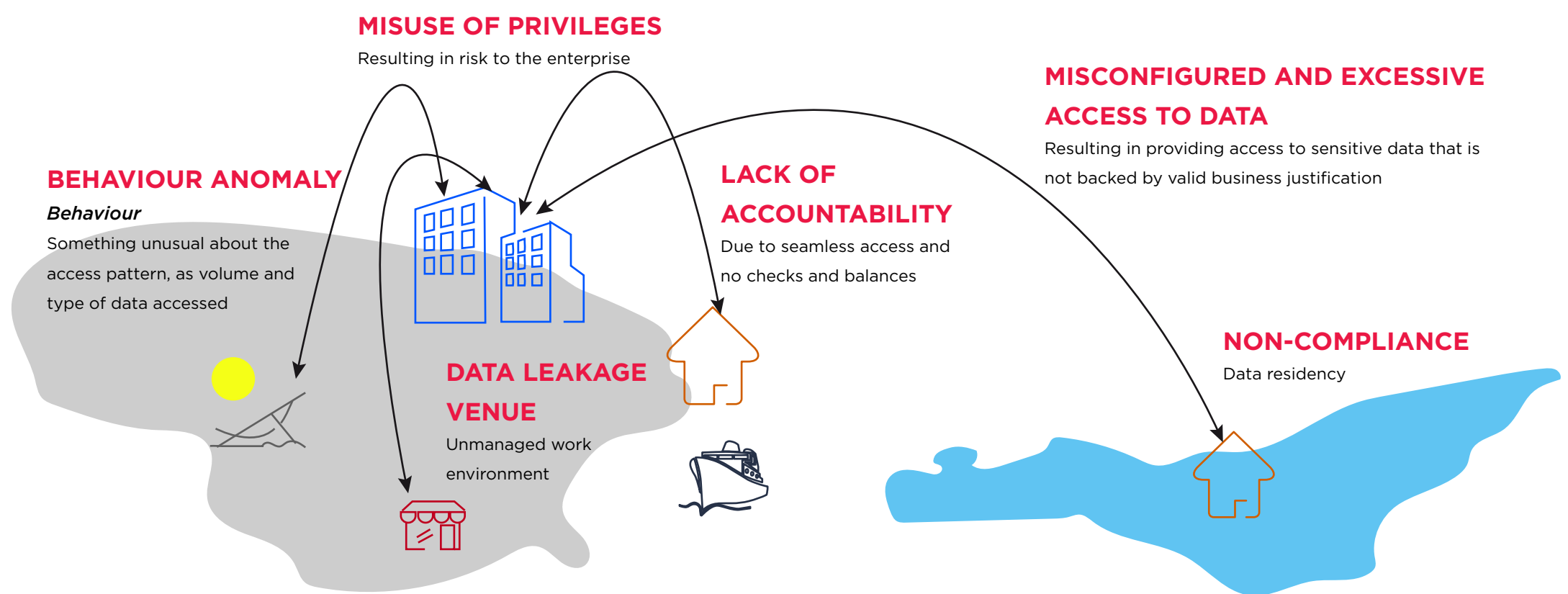## Challenges Faced by Financial Services due to Digitization and the Current Pandemic Situation

With financial services (FS) organizations and banks rapidly increasing their digital business, the presence of unstructured data increases the complexity of data management processes, and consequently, data governance.

With the current COVID-19 situation, organizations need to mitigate the new risk posed by remote workers who have access to privacy sensitive information from an uncontrolled home environment.

Various regulations like GDPR, CCPA, etc. make it imperative for FS organizations handling PII data governance and'here to have strong data privacy standards as well as controls in place

How HCL can Help You Prevent the Risks and Challenges

Remote working requires us to look beyond secure VPN and address the compliance and risk issues associated with the data. The solution is not to lock down the data and protect everything regardless of sensitivity but to address the risk emanating from both the authorized and unauthorized users.

MISUSE OF PRIVILEGES
Resulting in risk to the enterprise

MISCONFIGURED AND EXCESSIVE ACCESS TO DATA
Resulting in providing access to sensitive data that is not backed by valid business justification

BEHAVIOUR ANOMALY
Behaviour
Something unusual about the access pattern, as volume and type of data accessed

LACK OF ACCOUNTABILITY
Due to seamless access and no checks and balances

DATA LEAKAGE VENUE
Unmanaged work environment

NON-COMPLIANCE
Data residency

The solution to address the risks requires both a "Protection" as well as "Detection and Response"

HCL Protection Solution: Dynamic Data Masking	HCL Detect and Respond Solution: Data Security with Database Activity Monitoring
Tokenize production data in production and obfuscate in non-prod thus de-risking remote access. This can also hide view to regulatory data through DDM technology.	Ensuring DBA access is monitored, controlled, actions pre-approved & no regulatory data access granted
Service Features	**Service Features**
» Data flow analysis and classification » Solution design and configuration in accordance with industry standards » Enable real-time data masking without changing » production data » Prevent misuse of privileges	» Risk-based approach to reduce the risk to the enterprise due to breach of customer data » Reduce the risk to the enterprise by monitoring the activity and action on the data by both authorized and unauthorized/excessive privilege users » Address insider threats by a blend of solutions ranging from user behavior analytics to data forensics and eDiscovery

Service Benefits

- » Adherence to Regulatory Compliance
- » Data residency addressed
- » Secure and risk-free access to QA/Test/Dev teams
- » Business-sensitive data masked where no business justification
- » Reduce data risk exposure
- » Enforce fine grained access control in line with business requirements

Service Benefits

- » Reduce risk posture of the enterprise
- » Reduce cost of compliance
- » Increase accountability of data access
- » Understand the privacy obligations and meet compliance
- » Accountability of access privileges
- » Control on DBA action

These HCL services can help meet compliance to major regulatory requirement such as FFIEC, BASEL, FCA, NYDFS 500, MAS, MiFID etc.

HCL Credentials and Success Stories

Success Story

1 Static and dynamic data masking for a large bank – HCL has deployed, and is managing, a data governance program for key applications for a large European bank. The scope cuts across the global footprint of the bank. The scope includes data discovery as well as static and dynamic data masking.

Objective
- » The bank wants to use its partner network from offshore locations securely.

Our solution
- » We proposed two solutions mainly, to implement static data masking in their QA/Test/DEV environment to sanitize this environment of real PII data and dynamic data masking to ensure that the offshore access doesn't get to see real PII data.

Benefit to the client
- » This solution gives them lots of flexibility and reduces the risk

2 **Data access governance – HCL is running the enterprise data governance program for a large insurance customer in the UK.**
Objective
- » The client wants to address the risk emanating through their unstructured data environment (open networkshares, SAN storages, SharePoint environment etc.).

Solution
- » HCL implemented enterprise data discovery and remediation program with 3 main components, (1) Classify the data (2) Identify the data owners (3) Remediate the files in line with the information security policy

Benefit to the client
- » Biggest benefit to the client is in terms of increased insight to the data spread in their environment and a visibility to current risk with a clear visibility of remediation roadmap

Data Security Practice Credentials

HCL's data security practice deals in the end to end data security space with over 250 SMEs trained in various technologies supporting over 50 G2000 clients globally. The key capabilities include data discovery and classification, data access governance, database tokenization, encryption, as well as static and dynamic data masking. HCL helps of clients to de-risk the data sprawl in the environment and meet data privacy compliances with the help strategic partnerships with multiple technology vendors like Microfocus, Thales, Varonis, MENTIS and IBM. These vendors, among other solution offerings, also bring in tools for data masking through their unique approaches.

HCL

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