



Data Policy Assessment

Service Description

Data Classification, Business Continuity and Disaster Recovery, and Cloud Policy dictate the What and the Where of your data, while the IT systems and processes dictate the How. The Data Policy Assessment is an engagement to assess the current definition and application of policies concerning your company's data to make sure policy is aligned with business objectives and provides audit capabilities to ensure procedures and practices are aligned with policy. The Hummingbird service helps businesses cope with the quantity and quality of data, and provides a solid foundation for data strategies into digital transformation and analytic capabilities.

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Service Description

Data policies that are properly aligned with business requirements and execution capabilities provide the foundation for a data strategy and enable digital transformation and data analytics. By understanding the quantity of data that needs to be managed (how many instances of the same data are across ecosystems) and the quality of data instances, organisations can start to build their source of truth (which instance of my data do I trust, and when). Policies that are misaligned across data classification, business continuity and disaster recovery, and cloud can also increase the risk if non-compliance. Aligning these data policies and providing mechanisms to measure and maintain compliance within your systems reduces this exposure and allows a mature data strategy for transformation.

A data policy assessment reviews the existing policies to map policy rules to business or industry compliance requirements. A policy map documents the dependencies across policies and drives decision making for updating policies. Once data policies have been defined and mapped auditing capabilities measure compliance and provide a path for any remediation.

Benefits of a Data Policy Assessment and Audit:

- Insights into volume of data
 - How many copies of the same data are being managed?
 - Where are these copies being stored
- Insight into quality of data
 - Where is my single source of truth
 - Can I trust the integrity of all my data
 - What confidence to apply to high velocity data
- Reduce risk for non-compliance
 - Map data policies to industry or legislative requirements
 - Identify potential data sovereignty requirements
 - Understand the exposure for potentially sensitive data
- Provide a mechanism for continual improvement
 - Identify native tooling to maintain compliance
 - Introduce technology to measure, report on, and enforce policy

Hummingbird's consultancy services provide the expertise necessary to aid you in understanding and updating your existing data policies, and provide the roadmap for continuous monitoring and compliance

Customer Scenarios

Data Strategy

Customers want to or have tried building a data strategy document and are unsure of where to start. To identify strengths or weaknesses within your data portfolio organisations first need to get a basic understanding of where their data is, and which of their data they can trust. By understanding their data policies and knowing that their data is compliant, organisations can start to map where data has true value, and where they can enhance gaps in their visibility.

Digital Transformation and Cloud Strategies

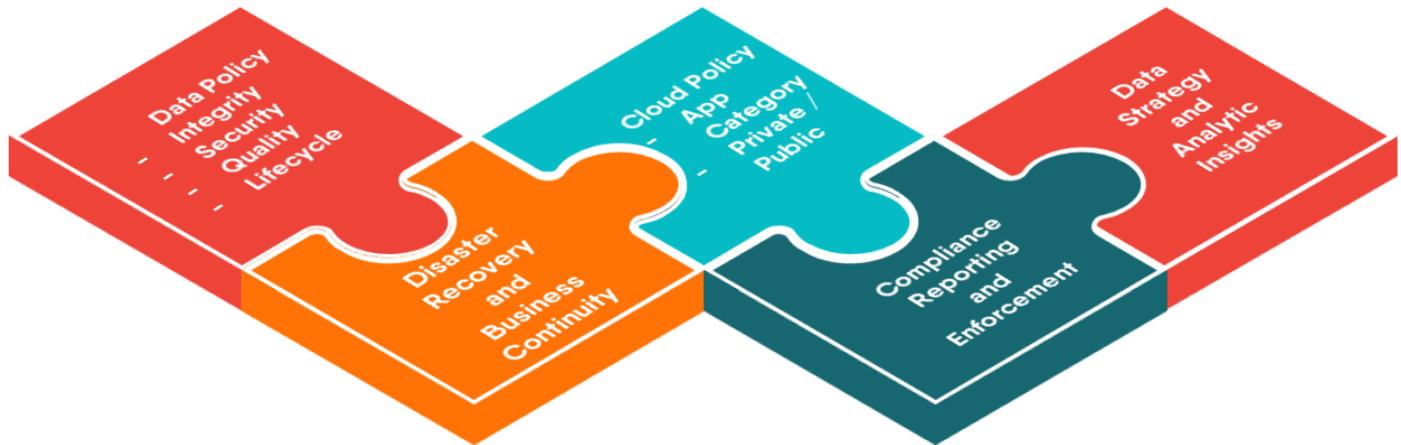
Customers moving through their digital transformation journey often rapidly increase the sources and variety of data without regard to the additional exposure this brings. Data that is transitioned to the cloud can sometimes be difficult to protect, both for security and integrity. By mapping data policies with business continuity, disaster recover, and cloud strategies, companies can mitigate the risk of non-compliance. Additional visibility into the number of instances of data can help inform decisions on optimising these strategies, allowing for smoother transitions into cloud, and reducing the complexity for migrations

Data Analytics

Customers that are looking to data analytics to become more agile start to deal with a velocity of data that they have not previously seen. When dealing with high rates of data, understanding data integrity, and having confidence in your data is important. As data ages, its relevance or integrity can become compromised, and ensuring that you are analysing the right data source is important. Data instance and lifecycle management is key to ensuring that organisations are getting the highest possible value out of their analytics platforms.

Key Features

Hummingbirds Data Policy Assessment reviews existing Data policies and maps dependencies across related policies such as Disaster Recovery and Business Continuity, and Cloud policies. By understanding the dependencies across these policies potential conflicts can be identified and policies can be updated to provide a cohesive set of rules across all data sets. Once the true requirements are understood and mapped, data can be audited to understand compliance, and any remediation can be conducted. Policies that are understood and enforced then form the platform for a true Data Strategy to increase the view of an organisations data, and drive a Data Analytics strategy to gain further insights.



Consultation and Assessments

To understand what you need; the initial part of the engagement is a combination of both consultations and assessments to understand where you are now. The first phase seeks to understand your existing data policies and ensure that they are still fit for purpose for your organisation's current goals. This is achieved through a policy assessment engagement to review and update existing policy, and understand the current level of compliance to policy.

Once an initial policy assessment is completed customers can progress to a more comprehensive data audit and strategy roadmap. This includes deeper understanding of the applications and specific data sets, along with the tooling required to measure, report on, and enforce compliance of data to your data policies. Roadmaps provide a "route to green" for any existing data sets that do not comply with current policy, and for maintaining compliance with continuous monitoring and remediation.

The Policy Assessment includes:

- **Policy Analysis** – Hummingbird will review existing policies, business continuity and disaster recovery policy and cloud policy to map requirements across policies and identify any contention.
- **Sample Audit** – A small sample of customer data is audited and against the existing policies to look for potential areas of non-compliance
- **Data Policy Workshop** – In this workshop we will review the current policies and how they relate the organisation's business objectives, and review the findings from the policy analysis and sample audit.
- **Outputs** – Hummingbird will provide updated data policies, data policy map to document interdependencies across data policies and a responsibility matrix for risk exposure, an audit strategy to measure and enforce policy within your systems.

The Data Audit and Strategy Roadmap includes:

- **Business Workshops** – To discover and map applications and data sets with data policies, and impact or value those data sets have for the organisation. Outcomes from these workshops will drive the technical workshops and identify data sets for a data audit.
- **Technical Workshops** – To better understand the existing tools and applications that are or could be used for monitoring data against policy. Within this workshop Hummingbird will also identify gaps in existing toolsets and help identify new tools to cover the identified gaps.
- **Data Audit** – Data and applications identified in the business and technical workshops is audited against previous and amended data policies. Outputs from the audit include an audit report for compliance against previous and revised data policies and an impact report for non-compliant data (type and scale of impact)
- **Roadmaps** – By understanding the data requirements and the current state of policy measurement and enforcement Hummingbird will provide a roadmap for a "route to green", a remediation roadmap to bring applications and data into compliance with policies. In addition to the remediation, recommendations and a roadmap to continuous policy monitoring are provided, allowing an organisation to maintain compliance with new and future data policies.

Pricing Structure

The following describes the items that will be seen on a quote or service order relating to this service and the structure of those items in building this service.

Data Policy Consultation and assessment:

The specific service lines are on request

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