**Assignment 2: Eurobits Technologies**

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**A case study of Eurobits Technologies**

**Understanding Legal and Governance Challenges in Cloud Banking**

Eurobits is an established company which is specialised in the provision of bank account aggregation service and is currently preparing for expansion. It is now aiming for growth irrespective the complexities of multiple regulatory and governance frameworks. This article explores the challenges that Eurobits encountered during this process. Also offering approaches to tackle them with a particular emphasis, on data management, legal jurisdictions, collaborative responsibility models and compliance obligations.

**Case Summary and Key Challenges faced by Eurobits**

This case study showcases that how Eurobits, a leading provider of account aggregation services for banking, seamlessly transition its open banking platform into IBM Cloud for VMware Solutions. This migration resulted into significant growth and heightened efficiency. Moreover, this strategic move also amplified the company’s security mesures, enabling it to comply with stringent data regulations across Europe and beyond. (Eurobits Technologies, n.d.)

1. **PSD2 Compliance**

Eurobits met PSD2 by modifying its operational structure and technical infrastructure, establishing robust client authentication means, open bank APIs, and safe information sharing between banks and Eurobits to facilitate market entry and customer satisfaction.

1. **GDPR Adherence:**

Eurobits faced significant challenges in implementing GDPR due to strict rules for handling personal information and handling requests for data access, correction, or deletion, as they had to ensure data procedures were in line with GDPR principles. (Tink wraps up Eurobits Technologies takeover, 2024)

1. **Local Data Sovereignty Laws:**

Eurobits, faced challenges in navigating data transfer regulations across different regions. Some regions prohibited border crossings, while others required data keeping within the country.

**Compliance with data governance and legal jurisdictions across countries**

With the seamless integration of IBM Cloud for VMware Solutions, Eurobits has triumphantly introduced their open banking platform in various international sites and data centers.Going above and beyond in their utilization of cutting-edge technology and effective resource allocation, they consistently ensure strict compliance with varied data governance and regulatory standards in every nation. (Jeffrey E. Fine, 2024)

1. Legal Assessments:

At Eurobits, data governance compliance is of utmost importance. Inorder to achieve this conducting rigorous legal assessments, implementing strict data localization measures, and negotiating thorough data processing agreements is essential. Moreover, they actively partner with knowledgeable legal professionals in the community to proactively tackle any potential issues of non-compliance. With cutting-edge technology, they guarantee the utmost security and proper handling of data within designated jurisdictions. (Arturo Gonzalez, n.d.)

1. Data localization Measures:

Eurobits has the capability to meet data localization standards. In order to store and manage customer data in specific geographical locations advanced technology solutions are being utilized. This may involve establishing data centers as well as utilizing cloud services with servers located in the necessary countries.

1. Data processing Agreement

In order to maintain strong security measures and adhere to strict data protection protocols, it is crucial for Eurobits to carefully select reliable security measures and obtain necessary compliance certifications. Additionally, to ensure secure handling of sensitive information, Eurobits can form data processing agreements with financial institutions and partners, clearly outlining their respective responsibilities.

**IBM and Eurobits use a shared responsibility approach, as do Eurobits and its clients.**

In cloud services Shared responsibility involves clearly outlining the responsibilities. It also includes obligations of all individuals involved, emphasizing security, compliance, and governance, which is beneficial for IBM and Eurobits in achieving their goals.

1. Eurobits and IBM:

Eurobits did good using IBM's cloud. It's vital for Eurobits to put these first. To keep their customers' privacy safe, Eurobits must use tough data protection, such as codes and hard access rules. Where as Eurobits deals with its open banking system, including software, databases, and data. It also sets up and keeps its VMware environment working well.

1. Eurobits and Customers:

Eurobits is obligated to ensure customer data safety and adhere to strict data rules, including strong security measures like codes and limits. It is also observed that customers adhere to Eurobits' service rules, login safety, and usage limits which fostering trust in its work. Users must agree and permit access to their money records, check its correctness, and agree to the services given.

**Summarizing the data governance, privacy, and legal requirements that Eurobits should satisfy.**

To make sure data is good, safe, and follows rules, it must follow three main ideas: data rules, privacy, and law. These rules say how data is gathered, worked on, stored, and given, controlling all of its users. (Gratton, 2022)

1. Data Encryption: Data management procedures, controls, and policies are of utmost importance to ensure smooth operation. This includes managing of metadata, maintaining data integrity, managing the data's lifecycle, and guaranteeing ethical treatment of data.
2. Access Control:

GDPR enforces data privacy by limiting data collection, observing data subject rights, and ensuring responsibility and transparency in case of a breach, while eurobits aims to minimize data collection, use, and ensure customer rights.

1. Data Retention Policies:

Local data sovereignty laws may require Eurobits to store and process data within the country it operates. While also adhering to contractual obligations such as service level agreements, data quality standards, and audit procedures. These regulations ensure the secure handling of data and maintain the trust of our clients.

**Data governance, privacy, and legal requirements from Cloud Service Provider**

Data governance, privacy, and legal requirements are crucial in ensuring that data is carefully managed, handled, and shared according to strict rules and standards. These regulations play a vital role in upholding the reliability, protection, and compliance of data. (What is data governance?, n.d.)

1. Data Security: Ensuring constant and dependable access and functioning of cloud services with appropriate backup and recovery measures is crucial. It is imperative that these services possess the capability to effectively handle large amounts and diverse types of data and tasks. The provider's ability to adjust resources and capacities seamlessly and cost-effectively is also a critical consideration.
2. Compliance Certifications: he clouds provider must ensure that their services comply with all necessary data regulations and industry standards, as well as obtaining valid and verifiable certifications and accreditations.
3. Data Localization:   
   To ensure competent and dependable services, it is paramount for the cloud provider to abide by vital data regulations and industry standards. Furthermore, obtaining legitimate and substantiated certifications and accreditations is essential for establishing their credibility.

Finally, Eurobits had to surmount significant legal and governance materials that gave it a hard time to penetrate the matters outside Europe. Thus, there was a need for timely perfect maneuvering around regulatory machines and building on top of strong and accepted compliance platforms. To go beyond these hurdles and settle a sustainable future in a dynamic fintech world, I would like to create partnerships built on trust such as the one with IBM. The quality data is another aspect that could not be left out from the strategy of prosperity (EU Data Governance Act: What privacy professionals need to know, 2022).

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