

Enhanced cloud resiliency with advanced data security solutions

Maximize cloud security with HCLTech's data security solutions through Microsoft Purview





Overview

Digital transformation has been a major paradigm change for all aspects of modern business operations systems. As the volume of data businesses create, store and manipulate grows, there is a rising need for every more resilient data governance and security. Today, computing environments have become complex entities spanning the enterprise data center, public cloud and multiple end devices– all of which results in a larger attack surface that is more challenging to secure and monitor.

Furthermore, with the growing adoption of hybrid environments that combine cloud-based and on-premises systems, the risks of data breaches and cyber threats have become more prevalent than ever before. In fact, these trends have precipitated the rapid rise in risk of cyber-attacks against infrastructure-critical systems that impact brand reputation and core business operations.

To mitigate these risks, modern organizations need a robust security architecture that provides higher visibility and real-time insights across multiple digital environments.

Challenges

Hybrid work models have made critical business information easily accessible to employees from the comfort of their homes, hampering business continuity and productivity. Also, compromise of sensitive data can make businesses incur losses in monetary fines, downtime costs and reputation loss. Also, its challenging to find a solution that integrates well with hybrid cloud environments.

Cloud computing erodes the classical network boundaries that supported cybersecurity strategies until recently. In recent years, 45% of organizations have faced a cyberattack and 25% have experienced a security breach. And to add to this the amount of data within an organization doubles every year, but most organizations continue to remain in the dark. Enterprises presently face the following challenges related to data security:

- Lack of visibility into data estate
- Lack of knowledge about sensitive business (critical data and its location)
- Maintaining compliance with rapidly evolving global regulations
- Dependence on multiple solutions that are not compatible, exposing gaps in the infrastructure, and increasing complexity and costs
- Fragmented data landscape
- Lack of solutions that can integrate with hybrid environments
- Difficulty in managing fragmented compliance and solutions related to risks

Our solution

HCLTech's data security offering in partnership with Microsoft has been specifically designed to provide comprehensive solutions to help govern, protect and manage your data estate. The Microsoft Purview solution helps organizations address the challenges of managing and protecting data across a range of sources, including on-premises, cloud, and SaaS applications. And HCLTech's implementation ensures a seamless and smooth transformation journey by developing an in-depth deployment roadmap for the cloud environment. Some of the features of this comprehensive solution include:



1. It is built in- Built-in labeling and protection experience in Office apps, Office 365 services, other MS services like Power BI, Edge, and Windows
2. It is intelligent- Accuracy in classification via ML based trainable classifiers to exact data match and named entities
3. It is unified- Single admin console to configure and manage your policies and view analytics across on-premises, Office apps, Microsoft 365 services, third-party services (via Microsoft Defender for Cloud Apps), and devices
4. It is extendable- MIP SDK extends the protection experience, in a consistent way, to popular non-Microsoft apps and services

Our data security offering based on the cloud provides the following data security implementation services:



Data security strategy and roadmap

Data/application discovery and compliance

E5 migration assessment and roadmap



Compliance in the cloud

Cross-border data protection and privacy compliance

Compliant storage and secure collaboration

Data sovereignty and residency, and Schrems II compliance



Activity monitoring and threat prevention

Insider threat prevention

Data security platform

We deliver the following data security solutions through the MS Center of Excellence:

- Data discovering and labeling with the help of Microsoft AIP
- Defining the DLP architecture, DLP policy definition and providing ongoing support for incident remediation with the help of Microsoft Endpoint DLP
- Preventing the leakage of sensitive data with the help of Microsoft O365 DLP
- Identifying threats across all the Microsoft and third-party cloud services with the help of Microsoft Cloud App Security (MCAS aka MDCA)

Value delivered

Our Data Security solution powered by Microsoft Purview has delivered tremendous value to enterprises and has helped them achieve their data security goals. Some of the key benefits of choosing the HCLTech solution include:

- Constant transformation and assessment of security posture delivered through our Dynamic Cybersecurity Framework
- Enabling clients to enhance their security posture across a hybrid infrastructure and meet next-generation compliance and security requirements via advanced security frameworks
- Providing optimum security to clients by partnering with Microsoft
- Leveraging architects qualified to manage the evolving cloud environment, and to design advanced security architecture for various cloud deployment models
- Maintenance of security controls from global locations across customer environments through a smooth delivery model supported by experienced resources



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