



How a Data Center Technology Provider Turned Hidden Data Risks into a Microsoft Purview Roadmap

Overview

A leading data center infrastructure and technology provider designs, builds, owns, and operates advanced facilities for AI, cloud, and enterprise workloads.

As its data environment expanded across devices, applications, cloud services, Microsoft 365, and on-premises repositories, the organization needed better visibility into where sensitive information was stored, how it was being used, and which risks required immediate attention.

Challenge

Sensitive information had become distributed across the organization's growing data estate, making it difficult to understand where business-critical data resided and how it moved through the environment.

The organization needed to:

- Identify existing and hidden data security risks.
- Discover privacy data, personal identifiers, intellectual property, and other sensitive information.
- Locate sensitive and stale data across Microsoft 365 repositories.

Industry: Data Center Infrastructure and Technology

Services:

- Microsoft Data Security Engagement
- Microsoft Purview Advisory

- Detect unusual or suspicious activity involving sensitive information.
- Prioritize the risks requiring attention.
- Map those risks to the appropriate Microsoft Purview capabilities.

Solution

ProArch delivered a structured Microsoft Data Security Engagement, deploying a targeted set of Microsoft Purview capabilities within the client's environment.

The engagement demonstrated how the platform could improve sensitive data discovery, surface security risks, and guide prioritized remediation.

Automated Sensitive Data Discovery

ProArch worked with the organization to define the sensitive information types most relevant to its business. Automated discovery capabilities were then enabled to identify sensitive information across Microsoft 365 repositories, surface stale data, and monitor unusual activity involving protected information.

Evidence-Based Risk Prioritization

The Data Security Check gave stakeholders a clearer, fact-based view of the organization's data security posture. Rather than relying on assumptions, the organization could identify which risks were most significant and determine where mitigation efforts should begin.

Microsoft Purview Roadmap

ProArch mapped the identified risks to relevant Microsoft Purview products and services. The resulting recommendations established practical next steps for strengthening data protection and compliance.

Additional options—including Compliance Manager, on-premises data scanning, and Windows endpoint risk discovery—were identified as potential ways to extend protection across the organization's broader data estate.

Results & Impact



Improved sensitive-data visibility

The organization gained a clearer view of where sensitive data resides and how it is used across Microsoft 365 repositories.



Surfaced hidden data risks

The engagement revealed previously obscured data security exposures and unusual activity involving protected information.



Enabled evidence-based prioritization

Stakeholders could focus mitigation efforts on the risks with the greatest potential business impact.



Clarified the Microsoft Purview path

Identified risks were mapped to specific Microsoft Purview capabilities, creating practical next steps for protection and compliance.



Established a foundation for broader protection

The roadmap gives the organization a structured way to extend protection to additional endpoints and on-premises data sources as needed.

Turn Hidden Data Risks into a Microsoft Purview Roadmap

Discover where sensitive information resides, understand the risks around it, and establish a practical plan for stronger data protection.

[Explore ProArch Data Security Services >](#)



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