

Data Discovery & Data Mapping

Gain Complete Visibility into Your Personal and Business Data

Know Your Data. Reduce Risk. Strengthen Compliance.

In today's digital landscape, organizations process vast amounts of personal and sensitive information across on-premises infrastructure, cloud environments, business applications, and third-party platforms. Without a clear understanding of where this data resides and how it moves, organizations face increased operational, security, and regulatory risks.

Our **Data Discovery & Data Mapping** service provides a comprehensive view of your data ecosystem, enabling informed decision-making, stronger governance, and regulatory readiness.

What is Data Discovery & Data Mapping?

Data Discovery is the process of identifying and classifying structured and unstructured data across your organization.

Data Mapping documents how personal and business data is collected, processed, stored, shared, retained, and securely disposed of throughout its lifecycle.

Together, these activities provide the visibility needed to manage privacy obligations, improve security, and support business resilience.

Why is Data Discovery Important?

Organizations often struggle with:

- Unknown data repositories
- Duplicate and obsolete information
- Shadow IT
- Unmanaged cloud storage
- Inconsistent data ownership
- Lack of visibility into personal data
- Ineffective data retention
- Regulatory compliance challenges

Without accurate data visibility, it becomes difficult to implement effective privacy, security, and governance controls.

Our Assessment Covers

Data Inventory

Identify:

- Personal Data
- Employee Information
- Customer Records
- Vendor Data
- Financial Information
- Operational Data
- Sensitive Information
- Business-Critical Assets

Data Sources

Assessment across:

- Microsoft 365
- Google Workspace
- File Servers
- Network Shares
- Databases
- ERP Systems
- CRM Platforms
- HR Systems
- Email Systems
- Cloud Storage
- SaaS Applications
- Backup Repositories
- Endpoints

Data Classification

Classify information based on:

- Public
- Internal
- Confidential
- Restricted

- Personal Data
 - Sensitive Personal Data
 - Business Critical Information
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Data Flow Mapping

Document how data moves across:

- Internal departments
 - Business applications
 - Third-party vendors
 - Cloud services
 - External partners
 - Cross-border transfers
 - Backup environments
 - Archival systems
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Data Lifecycle Review

Evaluate:

- Collection
 - Storage
 - Processing
 - Sharing
 - Access
 - Retention
 - Archiving
 - Secure Disposal
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Ownership & Accountability

Identify:

- Data Owners
 - Data Custodians
 - Business Process Owners
 - Third-Party Processors
 - System Administrators
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Our Methodology

Phase 1

Discovery Workshop

Understand business processes, applications, and organizational structure.



Phase 2

Data Identification

Identify structured and unstructured data repositories.



Phase 3

Classification

Categorize data based on sensitivity, business value, and regulatory requirements.



Phase 4

Data Flow Analysis

Document how information moves within and outside the organization.



Phase 5

Risk Identification

Identify excessive collection, redundant storage, unauthorized access, and unmanaged data repositories.



Phase 6

Reporting & Roadmap



Deliver comprehensive documentation with recommendations for governance and compliance improvements.

Key Deliverables

- ✓ Enterprise Data Inventory
 - ✓ Personal Data Register
 - ✓ Data Processing Activities Register
 - ✓ Data Flow Diagrams
 - ✓ Data Mapping Documentation
 - ✓ Data Classification Matrix
 - ✓ System Inventory
 - ✓ Business Process Mapping
 - ✓ Risk Assessment Report
 - ✓ Gap Analysis
 - ✓ Recommendations for Data Governance
 - ✓ Executive Summary
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Business Benefits

Our service helps organizations:

- Understand where critical and personal data resides
- Improve data governance and accountability
- Reduce privacy and security risks
- Support compliance with privacy regulations
- Eliminate redundant and obsolete data
- Strengthen data lifecycle management
- Enable better access control and monitoring
- Improve incident response readiness
- Facilitate audit preparedness

- Support digital transformation initiatives
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Supporting Privacy & Security Programs

Data Discovery & Data Mapping provide the foundation for:

- Digital Personal Data Protection (DPDP) Act compliance
 - General Data Protection Regulation (GDPR) readiness
 - Privacy Impact Assessments (PIA/DPIA)
 - Information Security Management Systems (ISO/IEC 27001)
 - Data Governance initiatives
 - Cloud Security programs
 - Zero Trust strategies
 - Data Loss Prevention (DLP)
 - Records Management
 - Business Continuity Planning
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Industries We Support

- Manufacturing
 - Information Technology
 - Banking & Financial Services
 - Healthcare
 - Education
 - Retail & E-commerce
 - Logistics & Supply Chain
 - Telecommunications
 - Professional Services
 - Government & Public Sector
 - Startups and SMEs
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Why Choose Us?

Comprehensive Discovery Approach

We assess structured and unstructured data across on-premises, cloud, and hybrid environments.

Privacy and Security Expertise

Our consultants combine expertise in data privacy, cybersecurity, governance, and compliance.

Actionable Insights

We deliver practical recommendations to improve visibility, governance, and risk management.

Business-Focused Outcomes

Our assessments are designed to support operational efficiency, regulatory readiness, and strategic decision-making.

Our Engagement Process

Initial Consultation → Discovery Workshop → Data Discovery → Data Classification → Data Mapping → Risk Assessment → Executive Report → Governance Roadmap

Turn Data into a Strategic Asset

Understanding your data is the first step toward effective privacy, security, and governance. Our **Data Discovery & Data Mapping** service provides the visibility and insights needed to protect sensitive information, improve compliance, and support informed business decisions.

Contact us today to build a clear picture of your data landscape and establish a strong foundation for privacy and governance