



Innovate. Control. Thrive.

Elevate Your Data Compliance & Governance with Data Dynamics UDM Software



Data compliance and governance are no longer merely checkboxes; they are fundamental and critical aspects of business in the modern world. Regardless of their size or industry, organizations are bound by a web of regulations, laws, and industry standards that dictate how they handle data. To thrive in this environment, organizations must adopt a proactive approach to compliance & governance, ensuring that they meet and exceed regulatory requirements to safeguard sensitive data and maintain data integrity.

Data Dynamics' **Unified Data Management software** is a one-stop solution designed to prioritize data governance. By providing comprehensive visibility and insights across your data landscape, the software enables enterprises to harness data as a strategic asset, drive innovation, ensure compliance, and cultivate trust and reliability.

Data Dynamics' Expertise in Data Governance & Compliance

Data Dynamics is your dedicated ally in the realm of unified data management, where data compliance and governance take center stage. With over a decade of industry expertise, Data Dynamics has been at the forefront of harnessing and rationalizing data to address pressing security and compliance needs for its clients, including 28 Fortune 100 companies. At the heart of our solution lies the award-winning Unified Data Management Software powered by cutting-edge AI/ML technologies. Featuring four key modules—Data Analytics, Mobility, Security, and Compliance—this software not only reveals comprehensive and intricate insights into unstructured data but also creates a robust data security and governance ecosystem equipped with features for sensitive data discovery,

classification, remediation, access management, and immutable audit logging.

Bid adieu to isolated data perspectives and fragmented point solutions and embrace a unified software that structures unstructured data, unlocks profound insights, and ensures unwavering compliance, empowering enterprises to navigate the complex landscape of data governance and compliance with confidence and ease.

Our Data Governance & Compliance Solutions Are Designed To:



Establish robust data governance frameworks.



Streamline compliance management.



Ensure data quality and integrity.



Enhance data security and privacy.



Empower organizations to make informed decisions based on trusted data.

SOLUTION OVERVIEW

Our exclusive six-tier approach offers Data Dynamics a meticulously organized and enhanced perspective on your data, unlocking its full potential as a valuable business asset. This process enhances your data's reliability and durability and strengthens its resilience in the face of challenges.



Data Visualization and Quality

- **Context Analytics:** Discover, catalog, and analyze all data types for informed data management decisions, including on-premises, cloud, and hybrid environments, as well as structured, unstructured, and semi-structured data.
- **Metadata Analytics:** Metadata discovery, classification, tagging, and cataloging for data lifecycle management and usage pattern analysis. Supports data relevance assessment, retention, and disposal policies, reduces data sprawl, consolidates data lakes, and optimizes storage.

Data Security

- **Content Analytics:** Content Analytics powered by a Data Science Engine, AI/ML, and NLP for accurate discovery and classification of data according to its sensitivity, consumer information, business value, and other criteria.
- **Risk Exposure Insights:** Generate actionable insights using multi-level logical expressions and operators and risk exposure identification through descriptive and diagnostic analytics.
- **Risk Remediation:** Quarantine high-risk sensitive data in secure storage, such as file shares on storage resources or object storage buckets, enhancing data security.

- **Access Control and file re-permissioning:** Implement policy-based and robust file permissions management, including preserving, re-permissioning, and security reassignments via SID Mapping.
- **Open Share Reporting:** Enhance security by identifying sensitive data within open shares and rectifying permissions accordingly.

Data Compliance

- **Data Mapping:** Perform scans to identify personal data files, creating an inventory of processed, collected, stored, and shared data.
- **Classification:** Employ industry-standard compliance and governance templates to classify data based on regulatory guidelines, ensuring adherence to standards.
- **Immutable Audit Log:** Leverages blockchain technology to create immutable audit logs for data access activities, ensuring the generation of reliable governance reports for compliance.
- **Data Tagging:** Establish file and folder tagging and security protocols to protect personal data.

Data Migration

- **Data Identification, Classification, and Location Mapping:** Accurate data identification, classification, and mapping of physical and virtual data locations. Manage transaction files and their location and destination.
- **Policy-Based Data Migration:** Policy-driven automated data movement, including migration, replication, transform & sync, and archiving across various platforms, both on-premises and in the cloud – Azure, OneDrive, GCP, AWS, etc (File to File, File to Object, Object to Object).
- **Intelligent Tiering and Placement:** Dynamically allocate resources and data storage to optimize performance based on usage patterns and requirements.
- **Secure Data Sharing:** Enable secure data sharing in data lakes and pipelines with appropriate access controls to maintain data confidentiality and privacy compliance.
- **Scalability and Performance:** Manage a high volume of policies and data files, serving data science, cloud, and governance teams for secure and reliable data management.
- **Dedicated Migration Factory:** Allow users to design, build, deploy, report, and audit data migrations with their dedicated engineering team for a seamless data migration process.

SOLUTION OVERVIEW

- **Post Migration Testing, Optimization, and Data Retention:** Post-migration analysis, audit log examination, defining retention and deletion criteria, and establishment of data lifecycle policies.

Data Lifecycle Management

- **Archive Policies:** Streamline data movement with flexible archive policies, making the seamless transition of unstructured data a breeze.
- **File Preservation:** Safeguard original content by effortlessly converting archived files into object format, preserving data integrity.
- **Efficient Data Retrieval:** Retrieve data easily, whether through the software or RESTful API, from object resources, ensuring quick access when needed.
- **Search and Discovery:** Simplify audit and legal discovery with user-friendly search and file-saving features, improving efficiency and compliance.
- **S3-Compliant Access:** Access object files conveniently using S3-compliant browsers or custom applications via REST APIs, ensuring compatibility and ease of use.

SUCCESS STORIES



- A Big Four accounting firm and a Fortune 100 company scan, categorize, and quarantine 700 TB of data to avoid sanctions and reputational loss.
[Read the Case Study →](#)
- A Fortune 50 U.S. bank fortified data privacy and security by optimizing 80 billion files with Data Dynamics, safeguarding customer privacy and mitigating data exposure risks.
[Read the Case Study →](#)
- A Fortune 50 bank discovers and remediates 21K files with sensitive data from 3M files scanned for efficient risk management and compliance.
[Read the Case Study →](#)
- A Fortune 500 multinational healthcare company utilized Data Dynamics' unified data management software for data sharing, marketplace rationalization, and risk mitigation involving hundreds of billions of data files through AI and ML.
[Read the Case Study →](#)

Data Dynamics is committed to helping organizations navigate the intricacies of regulatory requirements with confidence and ease. We provide the technology, expertise, and support needed to navigate the complexities of modern data environments and drive business success.

Contact us to learn how we can transform your data management strategy and empower your organization to thrive in the digital age.

For more information, call us at **(713)-491-4298** or visit the website at **www.datadynamicsinc.com**