

Manage and Secure Your Data Lake with Daturic

Harness the power of automation to keep your data safe

Modern data lakes make it easier to work with large data sets, allowing organizations to gain insights earlier in data modelling. As organizations move more raw data into their data lakes, protecting sensitive data becomes a larger concern. Daturic provides an elegant approach to setup and manage an organization's data lake securely and efficiently.

Common Data Lake Issues

Most organizations struggle with their data lakes and find existing management strategies lacking in the following three areas:

- **It is Complex:** Big data strategies inherit the structure, security, and administration issues of the underlying data sources at scale.
- **It is Inefficient:** Setting the data structures and providing access at scale is largely manual, time consuming, and prone to error.
- **It is Disconnected:** Lack of tie ins with existing administrative tooling results in duplication and lack of visibility.

Concerned about any of these items? Let Daturic help maximize security and minimize latency to data value.



Improved Efficiencies

Deliver the promise of a data lake by providing data structures and access to the business users in record time.



Versatile Scalability

Data lakes grow with the organization and your toolset needs to support this, not just grow in cost.



Automated Processes

Ensure components are consistent, secure, and compliant by default by leveraging public cloud tools.

SOLUTION BRIEF

Managing a Modern Data Lake

Moving data into your data lake as part of a project is just step one in your big data journey. While Daturic can certainly streamline the initial setup, ensuring a consistent setup across the organization, most organizations start to struggle with what we refer to as the day two processes.

For example:

- How do I design operational processes to grant appropriate access to data sets across all data assets in my organization?
- How do I quickly provision and de-provision access as per business needs?
- How do I quickly create appropriate auditing and compliance reporting?
- How do I ensure that my admins do not have access to data that they should not have?

This is where Daturic takes a unique approach to solving this problem.

Tagging

Daturic Tagging is the core mechanism that allows organizations to group their data. By grouping data with tags that match your organization's business vernacular, your admins will be able to create groups that relate to the business while also making their lives easier.

Tags are globally created and can be used on any folder in any data lakes registered within the system. Tags can be used to make finding data easier and are ultimately used when creating data sets for policies.

Policies

Daturic Policies allow you to group tags in ways that make sense for providing access at any level of your data lakes. By combining tags that relate to your business to create access policies, Daturic ensures your access policies are easily decipherable by both the business and your admins.

The policy and tagging mechanisms work across all your registered data lakes and can provide access no matter where your data lives. Combine tags in creative ways to meet your access control demands.

SOLUTION BRIEF

Automation

Daturic has been built to integrate with your organizations DevSecOps approach by crystallizing all access permissions into standard identity and access control mechanisms for your data lakes. Because of this, your identity administrators do not need to learn and configure another permission system.

Let your data administrators create your access policies and let your identity administrators govern group/role memberships.

As an added benefit of this approach, all your existing processes and tooling for granting access will work seamlessly with your existing processes and cloud infrastructure toolsets.

Restricted Access

Traditionally, to manage and administer data lakes, administrators needed access directly to all data within your data lakes. This resulted in administrators needing to be added to data risk models, and their actions needed to be strictly controlled.

Daturic helps to solve the challenge of administrators of data lakes also having access to the data. Delegate those permissions to Daturic and your administrators will be provided a folder only view allowing them to manage your data lakes securely.

Deliver quicker time to value while decreasing risk

Daturic provides everything your organization needs to grant required access to business stakeholders in a secure, efficient manner by leveraging your cloud native toolsets. **Maximize your security, minimize your latency.**

Ready to get started with Daturic?

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Daturic