



INNOVATIVE
DIGITAL
TRANSFORMATION

Secure and Compliant Data Lake

In today's business landscape, your company's ability to realize the value in your data is critical to your growth and success. Decisions about the future of your offerings, workforce, and operations can now be influenced by real time data from unstructured, multi formatted sources like; application logs, customer transactions, IoT sensors, or mobile devices. Unifying your data in a data lake, while maintaining security standards and PCI, HIPAA, and/or SOC2 compliance is challenging, but the benefits are undeniable. IDT can help your organization build a secure, compliant data lake that will form the foundation for your forward-looking data strategy.

GOAL

- ▶ Create a centralized data repository that can store diverse data types in their original format
- ▶ Establish data ingestion pipelines and transformations to enable data analysis
- ▶ Develop data analytics and aggregation tools with secure access for end-users or APIs
- ▶ Ensure robust security measures and compliance with relevant regulations and laws

OUTPUT

IDT will implement a Data Lake solution tailored to your specific requirements. We will ensure that the solution is secure, resilient, scalable, and cost-efficient. As with all of our offerings, we partner with you and set you up for success by providing technical guidance on daily usage and management to prepare you for third-party compliance audits.

IMMEDIATE BENEFITS

CUSTOM-BUILT DATA STORAGE AND ANALYTICS SOLUTION READY FOR USE

We approach the project holistically, leveraging our customer-focused delivery approach that walks you through a comprehensive analysis of your requirements and proceeding with architecture development, deployment, testing, and knowledge transition

MINIMAL MANAGEMENT OVERHEAD

We leverage AWS managed services to allow our customers to focus on their core business processes, reducing the need for extensive management and administration tasks

EXPERIENCED TEAM OF CLOUD PROFESSIONALS

Our team has industry-leading expertise in assisting businesses of all sizes through migrations, modernizations, audits, and the introduction of new technologies

WHAT YOU'LL RECEIVE

Data Lake solution tailored for your business specifics and deployed in one or multiple of your AWS accounts


Infrastructure as Code (IaC) automation templates to maintain your new environment configuration in a version-controlled manner.

Comprehensive documentation covering all aspects of usage and maintenance of the Data Lake deployment

Security and compliance report confirming the solution's readiness for third-party audits

In-depth knowledge transition and working sessions with our cloud experts to guide you through the entire solution and provide advice on passing compliance audits

FAST AND EASY PROCESS

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- ▶ **Contact us**
 - ▶ **On our introduction call, we discuss the scope and necessary access details**
 - ▶ **You'll provide read-only access to your environment**
 - ▶ **Our team conducts the assessment and prepares reports**
 - ▶ **Start addressing critical security issues within days of beginning the assessment, reducing exposure and overall cost of remediation**

WHO WE ARE

IDT is a team of AWS certified experts in Cloud Security and Compliance. With deep expertise and a history of successful client engagements, our aim is to build a strong relationship with each customer and assist them on their cloud journey.