

Internal Data Marketplace

Integrate data sources, systems and users to enable secure, intuitive and self-service data shopping and consumption experience

With vast volumes of siloed data stored across a range of systems, today's organizations are facing data discovery and data consumption challenges. Increasingly, customers are gravitating towards internal data marketplace solutions for point-and-click data discovery, democratization and consumption experience.

The Internal Data Marketplace framework is built with leading AWS services and partner solutions – AWS Lake Formation for fine grained access control, Collibra for data governance and centralized metadata repository, Protegrity for data security, S3 for Data Lake and Athena for data consumption. The flexible architecture allows customers to integrate into their own data sources, applications and technologies, to accelerate the time to enable data driven decision making.

Benefits



Flexible architecture

Decoupled API-driven framework allows customers to pick and choose solutions to integrate with their marketplace



Controlled ingestion

Data is registered, cataloged, and validated during data collection, and schema is referenced throughout the entire lifecycle of the data



Data Protection

Data is classified during collection and the right policies are maintained through the data lifecycle including data retention policies that restrict sharing of the data



Secure access

Automate data access requests that are compliant with internal compliance policies around personally identifiable information (PII) and external regulations

Solution Highlights

AWS Lake Formation makes it easy to set up a secure data lake in days while enforcing policies for users across analytics applications.

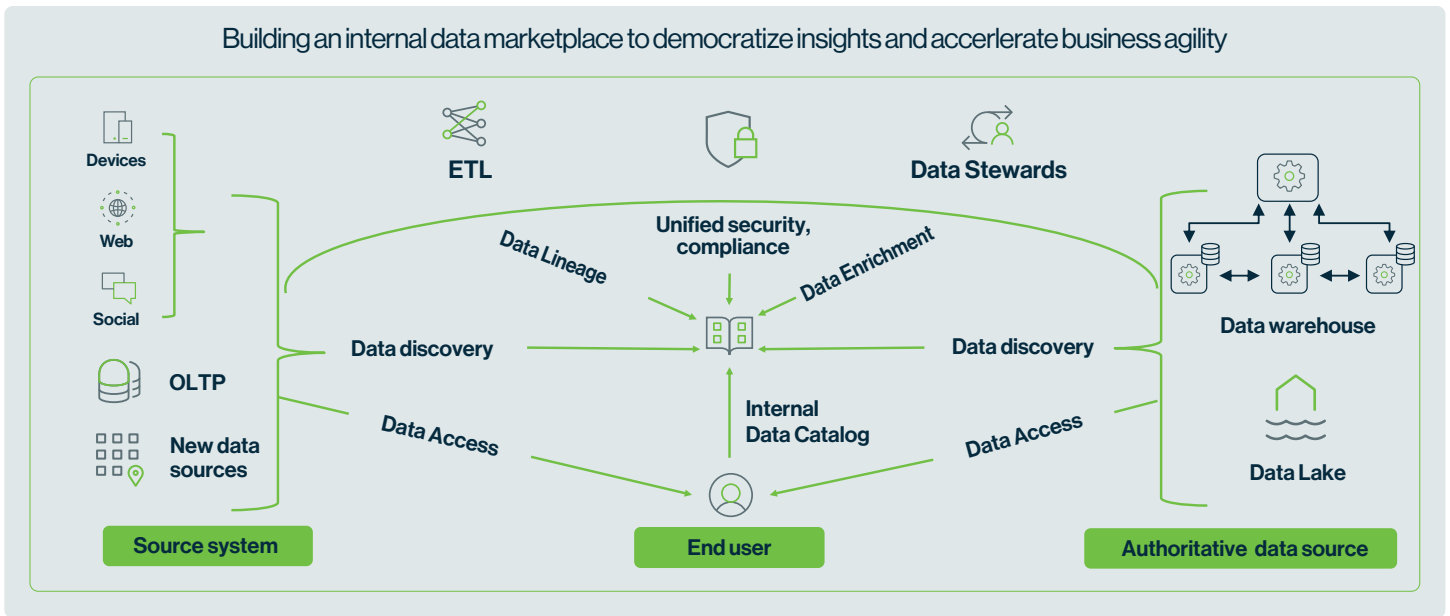
AWS Data Services including Amazon Kinesis, AWS Glue, Amazon Athena, and Amazon Redshift make it easy for users to discover and collect, query and process and analyze data in real-time.

Amazon Simple Storage Service (S3) is an object storage that offers industry-leading scalability, data availability, security, and performance.

Collibra Data Governance allows organizations to create a common understanding of all data across the enterprise.

Collibra Data Catalog gives organizations a unified view of all data assets, including visibility into all relevant data with full business context. Collibra supports all AWS data services such as S3, Redshift, Athena, Glue, DynamoDB.

Protegrity data security protects data close to the source, enabling protected data to securely move to downstream analytics systems.



The centralized data catalog and discovery module of the Internal Data Marketplace is a single pane of glass for the entire organizational data landscape. The combined ML based data quality score provides a powerful data trust enabler. The integrated role-based access control and format preserving data tokenization solution brings synergy between data democratization and sensitive data protection requirements.

The easy to deploy Internal Data Marketplace framework is a one-stop solution for data discovery, data catalog, data security, data democratization and data monetization needs.



To learn more about the AWS Internal Data Marketplace, visit collibra.com or [request a demo](#)