

# Collibra Data Intelligence Cloud for State and Local Agencies

## Overcoming data challenges

State and local agencies operate in a highly complex data landscape with petabytes of data residing in hundreds of disparate data sources. These sources are spread across an on-premises, hybrid and multi-cloud environment.

Data citizens - including chief data officers, data scientists, data stewards and government employees at large - are unable to find or understand the data they need. It is difficult for users to ascertain if the data comes from a trustworthy source, whether it is certified or approved for use. In other words, data citizens are unable to fully appreciate the corpus of data and its relevance for use in their applications.

For any agency, the inability to find the right data coupled with data integrity issues, a lack of data governance, transparency and traceability of data can adversely impact their ability to serve constituents and support critical missions in a timely and secure manner.

To speed digital transformation and data modernization initiatives, government policies and laws such as the Foundations for Evidence-based Policymaking Act provides a framework for agencies to overcome data silos. The goals of the initiatives are to make data available, accessible, re-useable and shareable. This requires the implementation of a rigorous data governance and management strategy that accounts for all data assets created, collected, controlled and maintained by each agency. Furthermore, agencies are increasingly required to make trustworthy, unclassified information available for public consumption. This enables greater accountability and transparency across programs and spending to better serve their constituents.

**Collibra Data Intelligence Cloud is an intelligent data platform that leverages the power of machine learning and provides a holistic and integrated approach to cataloging, governing, protecting, managing and collaborating with data at scale across on-premises, hybrid and multi-cloud environments.**

## Drive innovation with trusted data

With Collibra Data Intelligence Cloud, state and local agencies can build a common foundation of data. They can speed data discovery, improve data literacy (understanding of data) and drive greater collaboration with trustworthy data both within and across agencies.

Collibra Data Intelligence Cloud is built on a zero-trust architecture allowing agencies to securely and quickly govern data, protect classified and sensitive information, and enable data integrity at scale. Security and data protection are key to serving government agencies and meeting rigorous standards, as such, Collibra is FedRAMP Moderate authorized.

State and local agencies rely on Collibra Data Intelligence Cloud to accelerate data-driven decisions, mitigate operational risks, enable mission-critical applications and operationalize government policies and laws including:



**Evidence-based  
Policymaking Act**



**Digital  
transformation**



**Open  
Government  
Data Act**



**Digital  
democratization and  
self-service analytics**



**Financial and  
regulatory  
reporting**



**Digital  
transformation and  
data modernization**

# Enable strategic use cases



## Accelerate data democratization and self-service analytics

- Empower data citizens to rapidly discover, understand and collaborate with fully governed data that’s primed for self-service analytics and AI use.
- Enable a federated data marketplace built on a modern data mesh architecture for faster time-to-insights.
- Leverage popular business intelligence (BI) tools such as Tableau in conjunction with Collibra Data Catalog and enable data citizens to obtain a more complete view of data with granular details.
- Make better and more informed decisions faster leveraging high-quality data to support critical missions and ultimately better serve constituents in a timely and secure manner.



Figure 1: Easily collaborate with data leveraging crowdsourcing capabilities



## Streamline financial and regulatory reporting

- Speed the process of financial and regulatory reporting with greater consistency, accuracy, auditability and transparency.
- Create a trusted, single repository of metadata (data about data) and reports regardless of where they may reside.
- Empower cross-functional teams to easily find and understand the data and reports they need with detailed context.
- Enable finance teams to gain a better understanding of how financial disclosures were calculated and easily trace lineage of datasets with comprehensive audit trails.



## Improve transparency and data integrity at scale

- Implement systematic data governance, quality and privacy controls that remove human error and mitigate data-related, operational and regulatory non-compliance risks.
- Proactively detect anomalies and inaccuracies in data across agency departments and systems including HR, finance, and more.
- Mitigate compliance and cybersecurity risks by applying data policies and controls consistently across all datasets.
- Easily locate, classify and protect sensitive data including Personally Identifiable Information (PII) and Protected Health Information (PHI) with role-based access control.

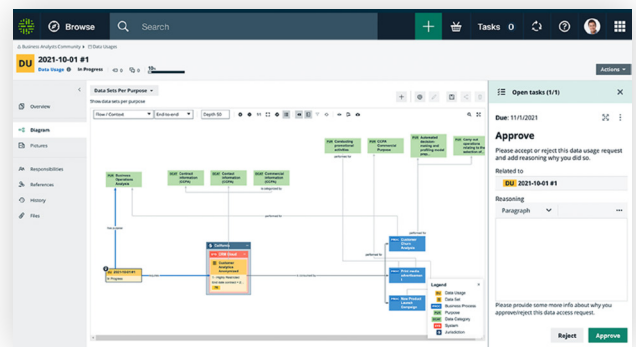


Figure 2: Visualize and understand data dependencies from source to target with end-to-end data lineage



## Speed digital transformation and data modernization

- Quickly determine what impact migrating a particular dataset to a data lake or modern data warehouse may have on upstream and downstream systems, as well as prioritize migration of datasets in the right sequence and securely.
- Simplify data onboarding to maximize productivity by cataloging and managing the data in your data lake and data warehouse from a single centralized location.
- Maximize the impact of your data migration by setting up controls to ensure that only clean data that meets your data quality standards is migrated.
- Obtain end-to-end visibility into your data residing in data lakes and data warehouses in AWS GovCloud.



# The Collibra Data Intelligence Cloud Advantage



State and local agencies rely on Collibra Data Intelligence Cloud to gain in-depth visibility into their data ecosystem across on-premises and AWS GovCloud without moving data, so that data assets stay protected.

## Govern. Trust. Access.

### Data Catalog

- Catalog
- ML curation
- Ratings / reviews
- Data marketplace

### Data Lineage

- Business lineage
- Technical lineage
- Impact analysis

### Data Governance

- Business glossary
- Stewardship
- Data dictionary
- Reference data
- Data helpdesk

### Data Quality

- Continuous monitoring
- Adaptive rules

### Data Privacy

- GDPR
- CCPA

## Active metadata graph

### Core services



Flexible operating model



Native connectors



Reports and dashboards



Collibra everywhere



Workflow engine



Collaboration



APIs



Collibra Insights



**Data and analytics are no longer “just” for specialists, such as data engineers and data scientists; rather, data literacy is now increasingly recognized as a core workforce competency**



## Core capabilities



### Rapid data discovery and self-service data access

- The intelligent data catalog is purpose-built to empower data citizens, so they can easily find and understand the data they need with rich business and technical context. With built-in crowdsourcing capabilities, users can easily collaborate on data. They can rate, comment on, and prioritize data sets for use as well as provide feedback.
- A powerful contextual search engine and easy-to-use, intuitive data shopping experience enables data citizens across the agency to easily locate and shop for fully-governed and trustworthy data they need.



### End-to-end data lineage and visibility

- Automated data lineage enables data citizens to dynamically visualize the flow of data from source to target as well as understand all the data dependencies at a granular level.
- For instance, data citizens can better understand how financial disclosures and trace lineage of each data set with rigorous audit trails for reporting purposes. An active metadata graph – that connects business, technical and privacy metadata with data quality and lineage - provides rich content and context to users.



### Predictive data quality and data integrity at scale

- Machine learning (ML)-powered data quality and observability enables proactive detection of anomalies in data such as missing records, values as well as broken relationships across tables or systems resulting in rapid resolution.
- If data quality drops below a set threshold, Collibra automatically creates a data quality issue and notifies the right people to handle the issue according to the desired priority level.



### Comprehensive and adaptive data governance

- Collibra data governance is a one-stop-shop for data, regulatory compliance, AI and analytics governance. Built-in data governance enables users to develop a consistent data taxonomy that includes regulatory specific rules, physical and/or logical data dictionary, glossary of terms, out-of-the box data domains, & more.
- Pre-built templates, reference data management, stewardship management and intuitive workflows enable automation of governance processes and provide a framework for cross-functional teams to establish a common understanding of data to ensure consistency.



### Embedded privacy by design and data protection

- With Collibra, state and local agencies can enforce comprehensive data privacy and protection policies in adherence with regulatory stipulations and corporate best practices for data retention and usage.
- ML-powered automation enables rapid classification of data by category, sensitivity and user type at scale. Advanced capabilities in data privacy and protection will help ensure sensitive data is easily identified and protected with role-based access control.

**Collibra is the Data Intelligence company**

For more information, visit us at [collibra.com](https://collibra.com)

We accelerate trusted business outcomes by connecting the right data, insights and algorithms to all Data Citizens. Our cloud-based platform connects IT and the business to build a data-driven culture for the digital enterprise. Global organizations choose Collibra to unlock the value of their data and turn it into a strategic, competitive asset. We have a diverse global footprint, with offices in the US, Belgium, Australia, France, UK, Czech Republic and Poland.