



Privacy-centric Data Discovery to Enrich Governance



Automate data governance and integrate ongoing discovery

- Accelerate population of Collibra data catalog through personal data discovery and metadata exchange and proactively monitor for new sensitive information findings for ongoing governance and compliance.
- Extend Collibra data governance across the enterprise data landscape with unstructured data.
- Automate mapping of business categories to ML driven personal data discovery output including physical location.



Ensure accuracy and relevance

- Ensure that data descriptions, physical data assets and metadata are accurate and up to date; enhance data trust through bi-directional metadata exchange between BigID and Collibra.
- Maintain privacy-aware data governance through ongoing feedback loop between Collibra tag propagation, metadata analysis and BigID machine-learning personal data discovery.
- Extend Collibra business glossaries with sensitive data and personal information discovery findings and enable propagation of Collibra's business context to support data security and IT stakeholders.



Comprehensive privacy compliance automation and risk insights

- Enhance ability to manage privacy risk within data governance workflows, and operationalize data access rights - including data deletion.
- Integrate consent and consumer preferences into enterprise data sets for analytics.
- Enhance data sharing and analytics through synchronization of Collibra attribute and asset tagging and BigID active metadata.

Challenge: Deliver holistic view of data for governance and privacy protection at scale



Enterprises continue to face challenges in efficiently and consistently unlocking the value of their data. Collibra can facilitate collaboration in key areas like building business glossaries, ensuring data quality and defining data assets in business terms.

To ensure that the data catalog is an up-to-date source of truth for data governance, compliance, and analytics, Chief Data Officers (CDOs) need to be able to automatically associate business and policy terms to data elements, objects and physical assets at scale, maintain ongoing and accurate visibility into sensitive and personal data, and gain insights from all available metadata to evaluate data trust and quality.

With both privacy regulations and ethical concerns figuring more prominently in data utilization decisions, CDOs must be able to reliably identify and validate personal information attributes and associated metadata, determine what are both direct and indirect identifiers and tie those insights into governance and compliance workflows to manage privacy risk.

Solution: Automate data discovery, orchestrate governance & manage privacy risk



BigID's data discovery and intelligent correlation integrates with Collibra's advanced platform for data governance and data catalog, giving customers the context, automation, and scale needed to define and maintain privacy-aware data governance programs.

Findings generated by BigID's machine learning driven personal data discovery help CDOs reduce the time and effort to populate the data catalog - while automatically propagating business glossary terms, data asset descriptions and hierarchies defined within Collibra. As BigID discovers and classifies direct identifiers, inferred attributes and sensitive data across enterprise infrastructure, through metadata exchange and synchronization.

With BigID's automated discovery across all types of data - for unstructured, big data, structured data, as well data in motion - CDOs can build and maintain a comprehensive enterprise data inventory that extends from data values, their physical location, and all cataloged associated metadata. The BigID data inventory can then be leveraged by CDOs to:

- **proactively extend governance via Collibra policies across enterprise datasets,**
- **propagate Collibra tagging of attributes at scale,**
- **incorporate personal information context, and**
- **enrich the Collibra data catalog with active metadata generated from ongoing discovery and analysis.**

Use Case: Leading Manufacturer



The Customer:

Global software provider and technology component manufacturer faced the challenge of balancing self service data access with compliance & privacy, while building a strategy to scale and automate data governance.



Challenge:

- Thousands of data sources spread across private cloud, on premises and SaaS environments. The data includes structured data in all forms of SQL, flat files (VSAM), file shares, Cassandra, MongoDB, and a variety of applications.
- Manual data curation.
- No unified visibility for privacy & governance.



Solution:

Combined data privacy and data governance capability

- Created a bidirectional exchange of information facilitated by mapping of Collibra business glossary to BigID inventory. This automation resulted in decreased workload for data stewards and accurate information in the data catalog.
- Data curation process is facilitated by having complete and accurate assets, asset types, and data sources. Using BigID to automate metadata gathering and enrichment means that the business context can be visible across the entire data landscape.
- Used BigID's machine learning based discovery to maintain continuous visibility and compliance.

Privacy Compliance Operationalization and Automation

- Automate GDPR and CCPA subject rights requests via data-driven processes.
- Integrate BigID discovery and personal data inventory with Collibra privacy collaboration workflows, business glossary and business process diagrams to link data elements to data values & physical location.
- Implement consent governance based on BigID's complete view of data and consolidated consent logs.

Requirements

The combined solution requires Collibra 5.6 or later and BigID release after August 12th 2019.

This integration is available for download from the Collibra Marketplace. Go to marketplace.collibra.com