PK Protect

Risk Assessment Within Data Governance: An Integration Between PKWARE and Collibra

Data cataloging functions as a vital part of data governance, collecting metadata around an organization's data repositories to manage, inventory, and search for data as required by business need. Ingesting PII scan results into data catalogs allows security teams to assess the organization's held risk and determine where access control needs to be enforced.

PKWARE's PK Protect (formerly DgSecure) data security and protection suite is purpose-built to report PII for compliance regulations such as PCI DSS, HIPAA, GDPR, and more. In addition, PK Protect empowers Data Governance users to de-identify data on both endpoints and data repositories to create a complete DLP solution.

Combining PK Protect with Collibra's Data Governance Center provides access to review reports specifically targeted to PII exposure right within data catalogs. With PK Protect, users can easily build custom policies to allow business units to determine appropriate action in a timely manner.

Data governance market expected to grow to over $5 Billion by 2025. That means 22%+ annually!

LOCATE DATA

IDENTIFY IT

REMEDIATE

Combined Value Proposition

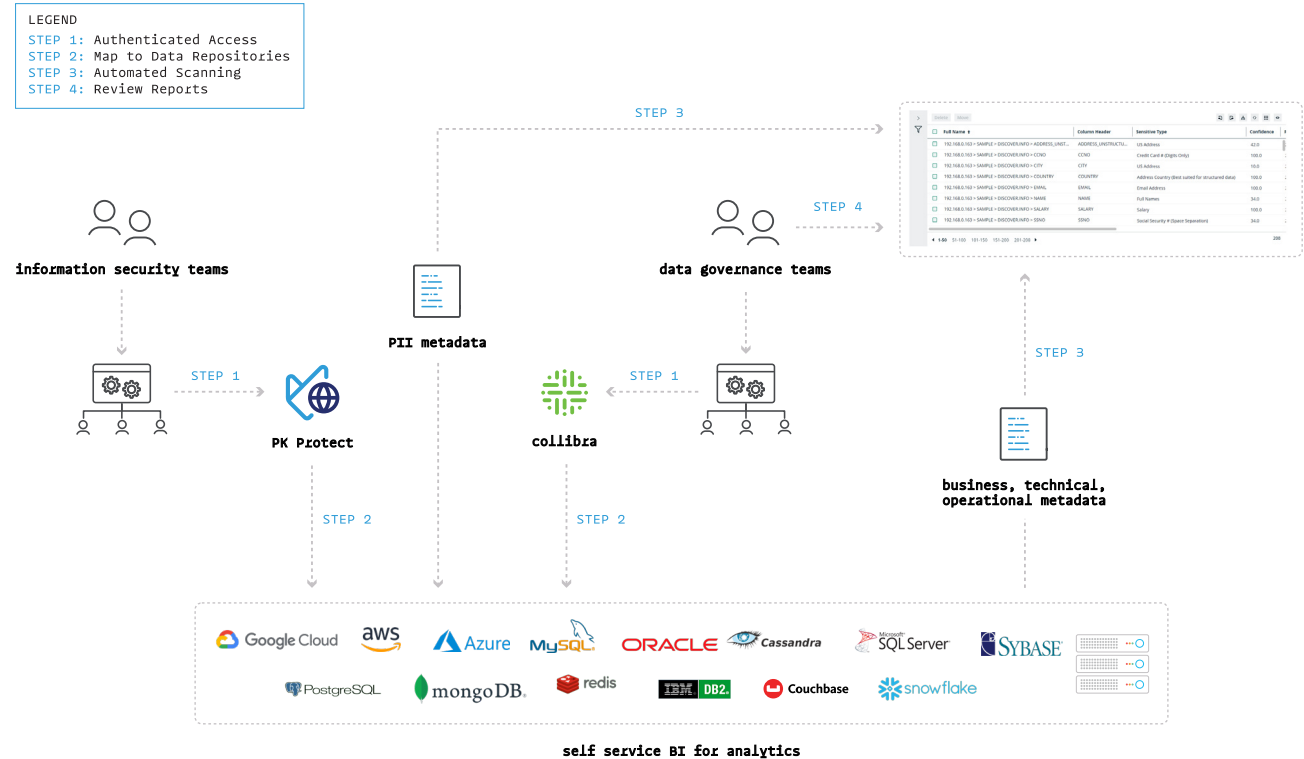| Feature	Collibra	PK Protect	Collibra + PK Protect
Discovery	Users can craft custom workflows for performing tasks and adjusting policies	200+ supported connectors, up to petabytes of data can be scanned in structured/ unstructured, data lakes, data warehouses, cloud, on-premises, etc.	Clients can track actions taken during the risk assessment process and plan for enterprise-wide cataloging
Cataloging	Data catalog can classify numerous source repositories, with lineage	Provides API-consumable metadata for >150 OOTB sensitive types, easy process to craft custom identifiers	Clients have PII accurately denoted within Collibra's reports, allowing governance teams to fulfill legal obligations and prevent breaches

Solution Benefits

Collibra's Data Governance Center can be integrated with PKWARE's PK Protect to offer:

- Enhanced Discovery/Classification
  - GDPR/PCI/PHI Policies available OOTB
  - quickly create custom sensitive types

- Holistic Reports
- PK Protect's PII metadata is imported to Collibra's reports
- Governance teams can assess risk across the enterprise

Integration Flow

Data is imported from PK Protect to the script's location, then transformed into a JSON payload that is sent to Collibra's specified reporting schema. PII results will be viewable in Collibra for analysis.

LEGEND
STEP 1: Authenticated Access
STEP 2: Map to Data Repositories
STEP 3: Automated Scanning
STEP 4: Review Reports

STEP 3

STEP 4

information security teams

data governance teams

PII metadata

STEP 1

STEP 1

STEP 3

PK Protect

collibra

business, technical, operational metadata

STEP 2

STEP 2

Google Cloud   aws   Azure   MySQL   ORACLE   Cassandra   SQL Server   SYBASE

PostgreSQL   mongoDB   redis   IBM DB2.   Couchbase   snowflake

self service BI for analytics

Connection and Compliance

- PK Protect includes out of the box policies for quick scanning setup
  - PCI DSS
  - HIPAA
  - GDPR

Connection and Compliance

- Connect IDPs to target repositories to create custom sensitive data types
- Discover and protect data
  - Databases
  - Data warehouses
  - Data lakes
  - Packaged applications

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Reporting

Key indicators such as PK Protect's Confidence Score allow users to assess the PII the hold to determine exposure. In addition, a risk score can be applied to the report based on the types of sensitive elements discovered.

Databases

- IBM DB2
- Amazon DynamoDB
- MySQL
- SQL Server
- Oracle
- Couchbase
- Netezza
- Cassandra
- Teradata
- MongoDB
- Greenplum Database
- PostgreSQL

Cloud Stores

- Snowflake
- MariaDB
- Azure
- Amazon Redshift
- Amazon Aurora
- Amazon RDS
- Google Cloud Storage

Hadoop Distributions

- Amazon EMR
- Azure HDInsight
- MAPR
- Cloudera
- Hortonworks
- Apache Hive
- Apache HBASE
- Google Cloud Dataproc

Applications

- Google Cloud
- Amazone Drive
- Servicenow
- Google Bi Query
- Microsoft Dynamics
- Salesforce
- Outlook Exchange
- SAP
- BOX
- Gmail
- Workday

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