

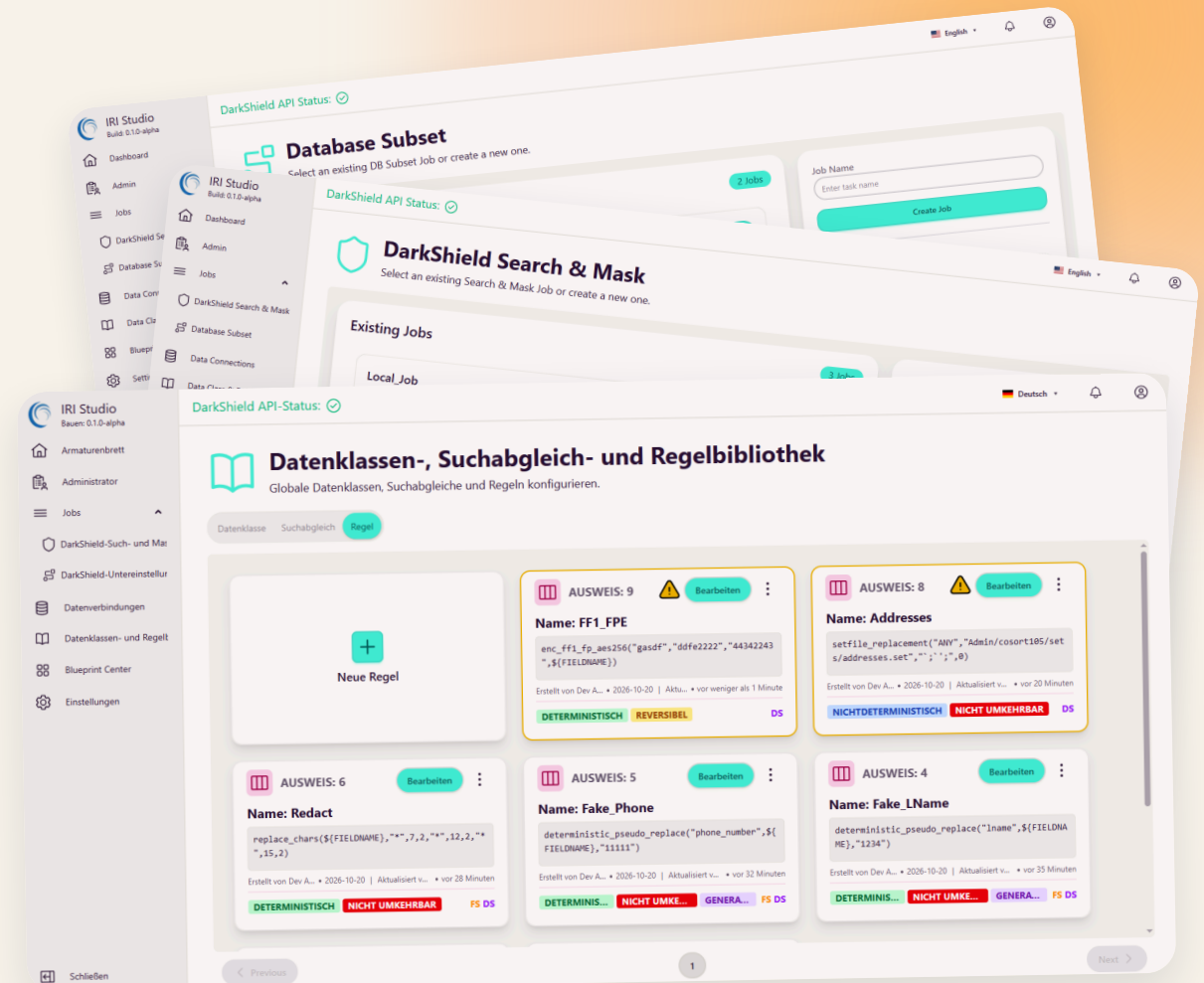
COMING TO IRI

Meet IRI Studio.

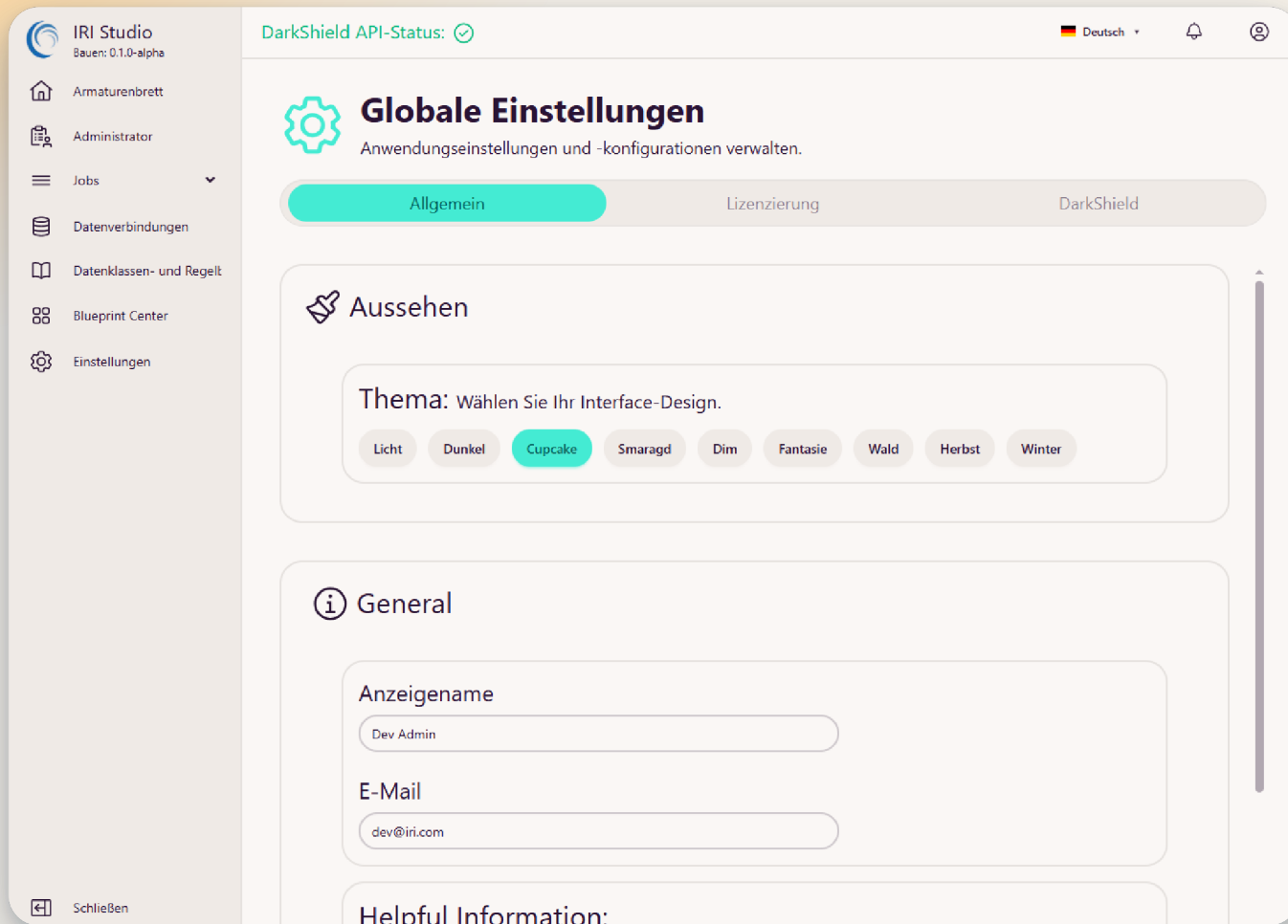
One browser-based workspace for DarkShield 8 discovery, masking, subsetting and auditing.

Configure DarkShield data classes, search matchers and masking rules in one browser workspace, without installing a desktop client for every user.

- One place to manage masking and subsetting workflows
- Multiple team members can work in the same workspace
- Control who can access and change configurations
- Search, filter and edit settings through visual controls



Ein gemeinsamer Arbeitsbereich. Unterschiedliche Nutzer, Rollen und Sprachen.



Multilingual UI

Interface options include German, Spanish, Japanese and more.

Role-Based Access Control (RBAC)

Give team members access based on their responsibilities, with centralized administration and support for multiple users working in the same IRI Studio environment.

Self-hosted web access

Browser-based experience while remaining under bank infrastructure control.

Usability improvements

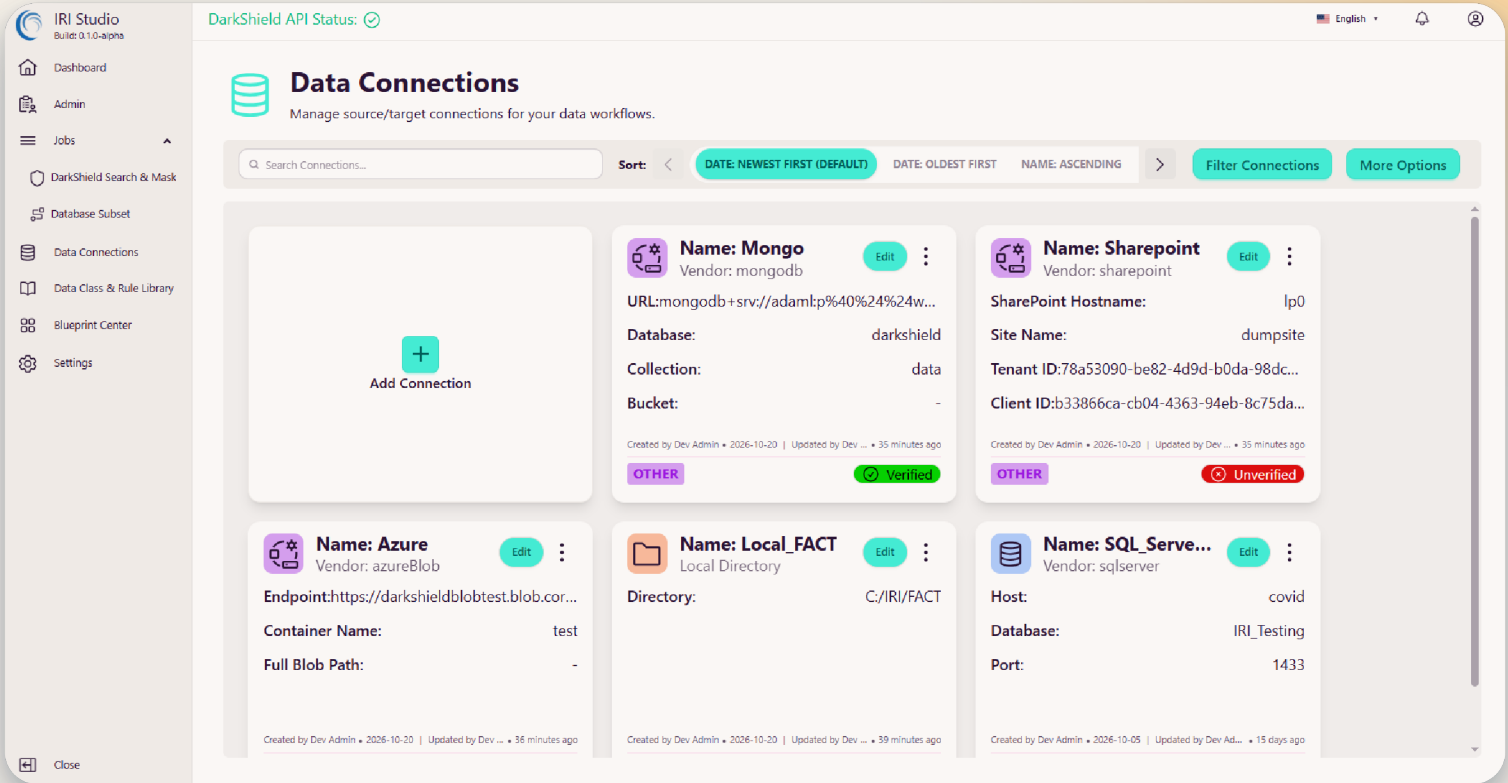
Sorting, filtering, searching, built-in guidance and streamlined connection entry.

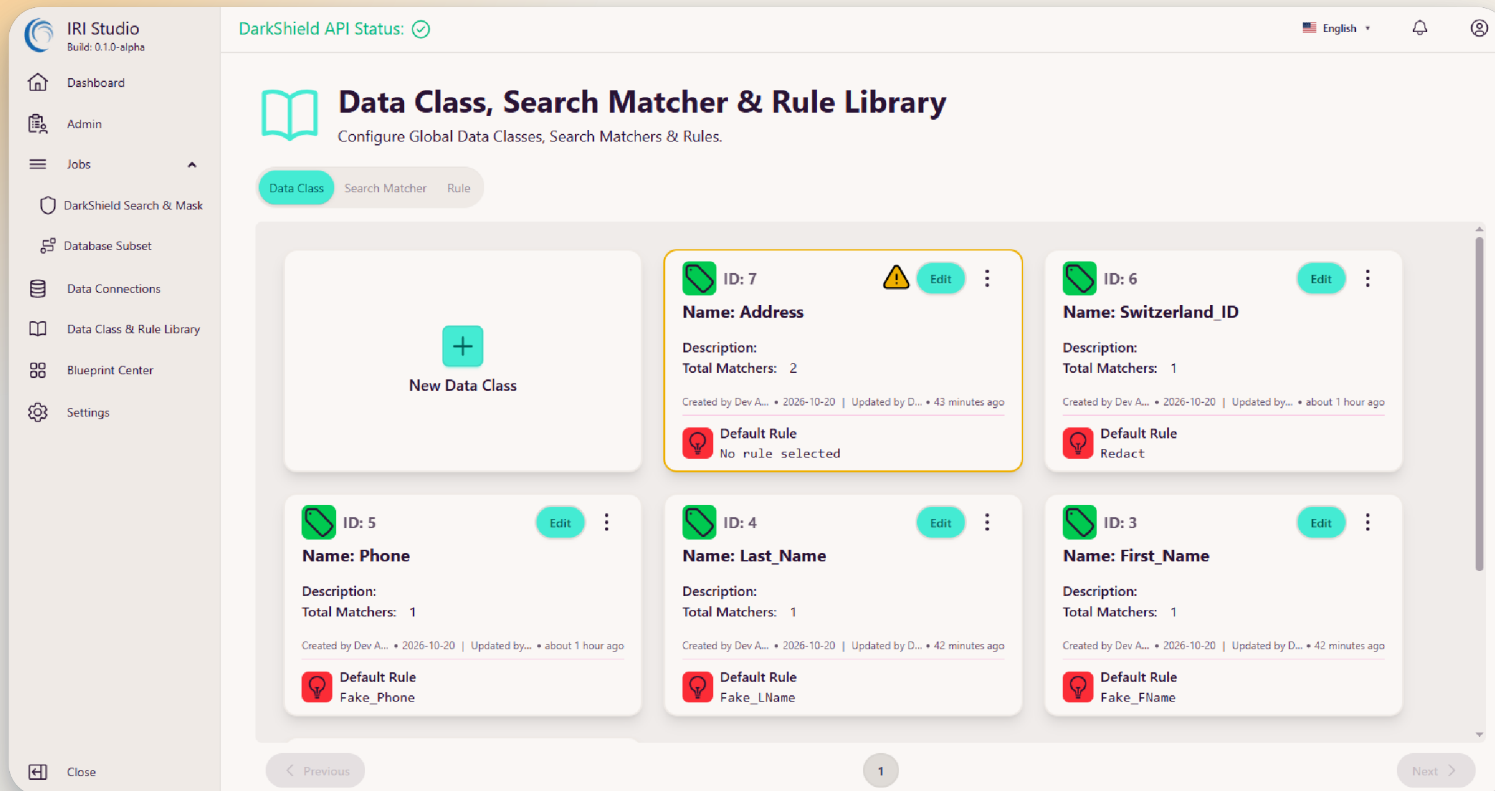
Data Connections

Connect to the systems where your data lives

Create, edit and remove source and target connections, with encrypted import and export.

Supported connection types include relational databases (Oracle, PostgreSQL, SQL Server, DB2, MySQL and Snowflake), NoSQL sources (MongoDB, Cassandra, Elasticsearch, Redis, Cosmos DB and Splunk), and file storage (local folders, Azure Blob, SharePoint Online, OneDrive, AWS S3 and Google Cloud Platform).





Data Classes

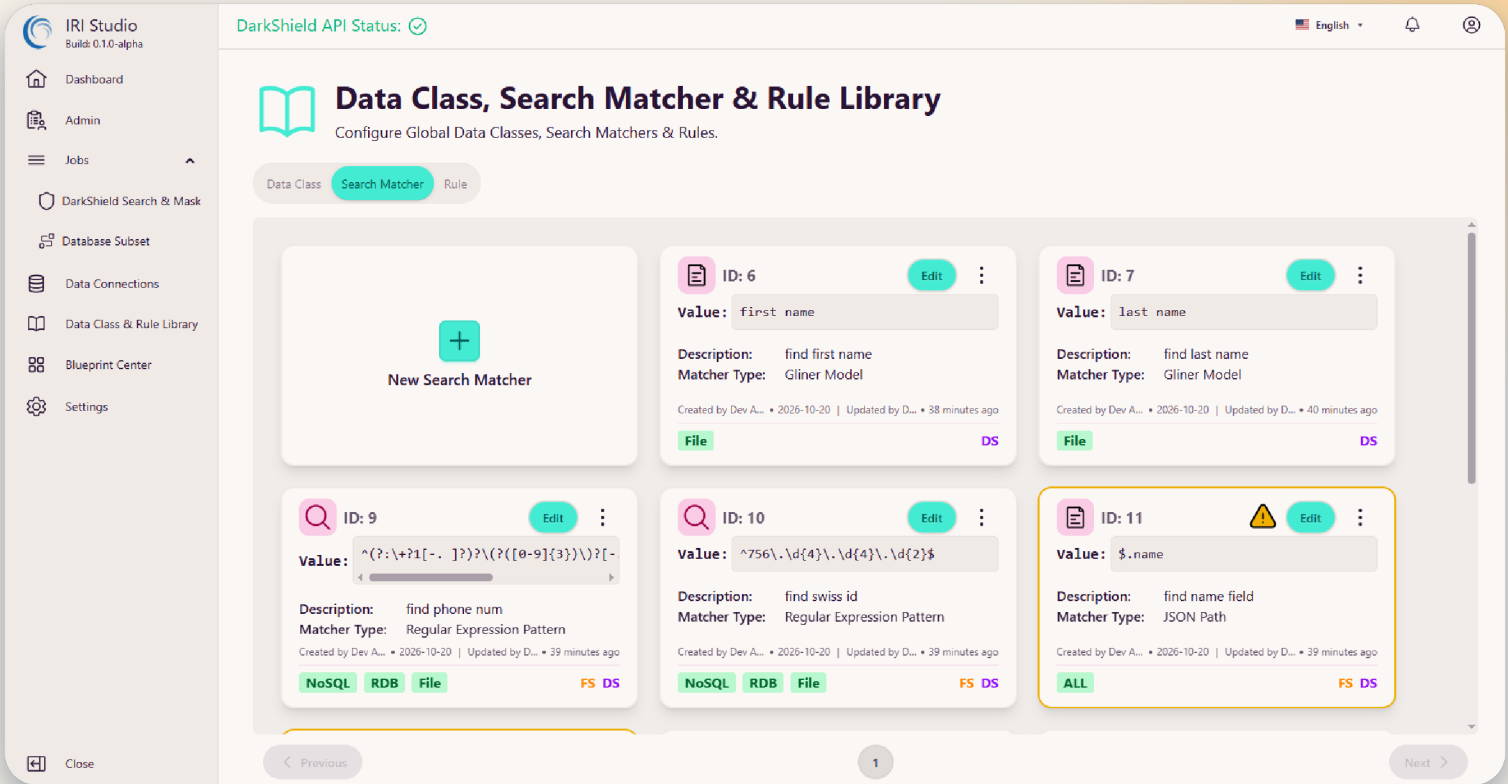
Define what to protect

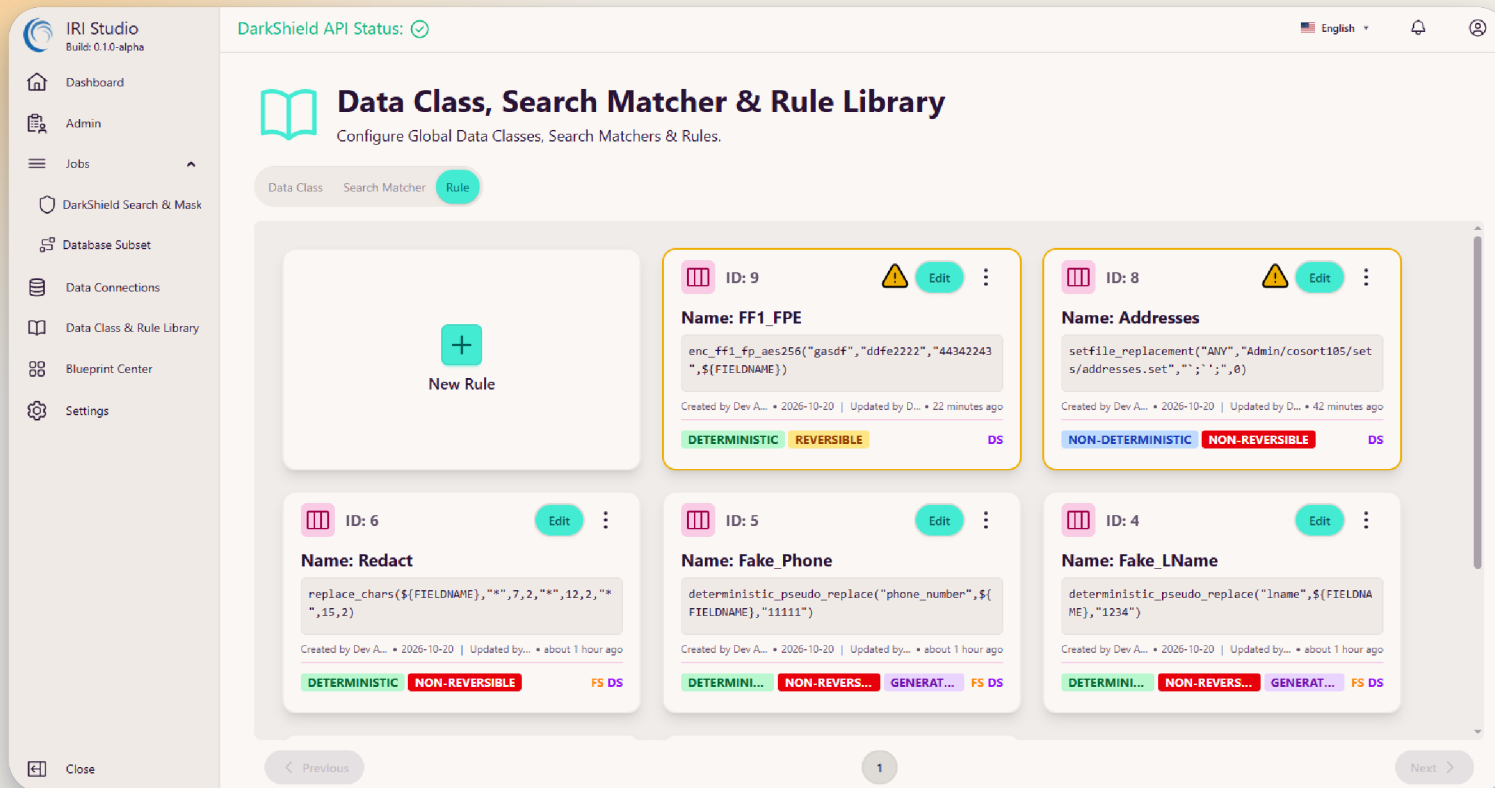
Create reusable data classes to categorize, locate and mask sensitive information, including PII, PHI, CID, CUI, PI and NPI. Apply consistent classifications across supported data sources.

Search Matchers

Find sensitive information using the right method

Create search matchers using regular expressions (Regex), GLiNER models, set-file lookups and other supported methods to locate sensitive data across databases and files.





Masking Rules

Choose how sensitive values are protected

Explore 35+ masking and transformation functions, including redaction, fake data fabrication, format-preserving encryption (FPE), and pseudonymization. Create and reuse rules, with linked descriptions to help users select the right approach.

Database Subsetting

Build smaller, usable datasets and reuse the jobs

Choose source and target schemas, parent and related tables, and quantitative or qualitative filters for each table. Create, edit, run, or delete subset jobs; optionally mask the subset using your saved data classes and rules. Export job configurations as JSON for reuse through the DarkShield API.

IRI Studio
Build: 0.1.0-alpha

Dashboard

Admin

Jobs

DarkShield Search & Mask

Database Subset

Data Connections

Data Class & Rule Library

Blueprint Center

Settings

DarkShield API Status: ✔

Subset Configuration

Configure subset operation.

Source Database

Catalog: IRI_Testing Schema: Bank

Target Database

Catalog: IRI_Testing Schema: MaskBank

Parent Subset Table Selection

☐ ACCOUNT + Columns + Filter

☐ BRANCH + Columns + Filter

☒ CUSTOMER + Columns + Filter

☐ CUSTOMER_PAYMENTS + Columns + Filter

Include Table Selection (optional)

☐ BRANCH + Filter

☐ CUSTOMER_PAYMENTS + Filter

☒ TRXN + Filter

☒ TRXN_TYPE + Filter

Exclude Table Selection (optional)

Exclude Pattern

Optionally provide regex here... ?

Table List

☐ ACCOUNT

☐ BRANCH

Close

< Previous

Next >

PRE-DEFINED MASKS

PRE-DEFINED SELECTIONS: Switzerland PIN

ORIGINAL DATA

756.1234.5678.90



DATA REDACTION

756.12**.56**.**

Visual Guides

Need help understanding a feature or setting?

Easy-to-understand illustrated guides use clear labels, images and descriptions to explain what different rules, parameters, and settings mean and how to use them.

Just click the "?" help icon or the eye-shaped Visual Guide button to open a guide. The example shown here explains a data masking rule, but guides are also available for other IRI Studio features.

...and more.

IRI Studio is planned for Q1 2027. RowGen synthetic test data generation remains in IRI Workbench; the initial IRI Studio release focuses on DarkShield workflows, with support for additional IRI products planned for subsequent releases.