ENTERPRISE DATA PROTECTION

Data Masking

Discover sensitive data.
Control what you share.

Connect databases, apply reusable masking policies, redact documents and manage protected exports in your privately hosted Protect Identity workspace.

Five database integrations

PostgreSQL, MySQL, MariaDB, SQL Server and Oracle Database. Validate read accounts, browse schemas and tables, and select columns for protection.

Policies that match your data

Choose supported English entities, custom recognizers and per-entity transformations. Replace, mask, redact, salt-hash or tokenize.

Documents and structured data

Redact images and PDFs with local OCR. Inspect and transform text, CSV and JSON without an external AI API.

Database discovery · Masking jobs · Encrypted exports

Automated detection and OCR can miss sensitive data. Review each result before sharing.

DATABASE INTEGRATIONS

Connect. Discover. Protect.

01 Validate the connection

Use a dedicated read account and verified TLS. Credentials are encrypted and never returned to the browser. Private non-TLS transport is restricted to private network addresses.

02 Discover the structure

Browse database schemas, tables and columns. Sample up to 25 rows to review detected sensitive entity counts without returning original row values.

03 Define the export

Select 1–32 columns and a row limit up to 10,000. Choose detection-based protection or whole-value transformation, including numeric identifiers.

04 Run and review

Track a background masking job, inspect its scope and policy version, then export protected CSV or JSON. The source records are not modified.

Integrations: PostgreSQL (psycopg), MySQL/MariaDB (PyMySQL), SQL Server (Microsoft ODBC 18) and Oracle (python-oracledb Thin, service-name connections).

Bounded exports and sampled discovery do not establish that every record in a database has been assessed.

REUSABLE PROTECTION

Policies, documents and evidence.

Saved masking policies

Configure entity types, confidence thresholds, bounded custom detection patterns and per-entity actions. Jobs retain the policy version used.

Transformation choices

Replace with labels, mask full detected values, redact, hash with fresh random salts or use consistent tokens within one job. Token mappings stay in memory and are discarded afterwards.

Image and PDF redaction

Local OCR detects sensitive text in PNG, JPEG, single-frame TIFF and PDF files. Results are newly encoded; PDF output is flattened with no original text layer or attachments.

Persistent job evidence

Review actor, selected scope, status and transformation counts. Export artifacts are encrypted and expire after 24 hours. Failed or interrupted jobs do not expose partial exports.

Practical processing limits

Text: 50,000 characters and 2,000 values. Documents: 6 MiB and ten PDF pages. Database exports: 32 selected columns, 10,000 rows and 20 MiB output. Review every result.

COMMERCIAL SELF-HOSTED SUBSCRIPTION

Enterprise. Annual.

R15,000 per enterprise deployment / year, excluding VAT.
R17,250 including 15% VAT.

Annual recurring payment through PayFast. After verified payment, confirm your email, create your account and download your signed commercial licence and self-hosted package.

Your deployment package

Branded workspace, private Presidio processing image, database drivers, local OCR, installer, customer-scoped configuration, corresponding source and upstream licence notices.

Your data and identity policies

Original submitted source content is processed in memory. Credentials, policies and expiring exports use encrypted state. Preserve the encryption key with backups. Configure HTTPS, production SSO/MFA, network access and database read accounts in your environment.

Explicit coverage

English detection and OCR are probabilistic. Database write-back, cloud storage crawlers, scheduled runs, DICOM metadata de-identification and recoverable encryption vaults are outside this release.

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