

■ EXECUTIVE PRODUCT DOSSIER

Redact Sensitive Data Before AI Reads It

The browser-local sanitisation layer engineered for enterprise AI workflows, compliance and data security.

01. THE PRODUCT PARADIGM

[WHY REDACTORR](#)

Enterprise teams want the immense productivity benefits of generative AI (ChatGPT, Claude, Gemini, DeepSeek), but face a critical regulatory and security roadblock: **uploading raw customer data violates privacy laws and creates existential corporate breach liability**. Redactorr bridges this divide by finding and replacing sensitive values locally in browser memory before any file leaves your computer.

1. Local Pre-Flight Redaction

Your original document never touches Redactorr servers. Everything executes inside your local web browser session via WebAssembly.

2. Human-in-the-Loop Review

Candidates, not verdicts. You approve or adjust every single redaction candidate before sending the safe copy to AI.

3. Structure-Preserving Masks

Document layout and syntax survive intact. Token tags like [PERSON_1] and [ACCOUNT_1] allow AI models to reason accurately without knowing the secret values.

4. Local Key Vault & Reversible Unmasking

When the AI model returns its answer, your local browser replaces the tokens back with real values using your client-held key.

02. 15-LAYER AEGIS DETECTION ENGINE

TECHNICAL SPECS

LAYER	DETECTION DOMAIN	SUPPORTED ENTITIES	ACCURACY METRIC
01–05	Australian Statutory Core	TFNs (Mod-11 validation), Medicare Numbers, Passports, BSB/Accounts, Driver Licences.	99.8% Precision
06–09	Enterprise & Legal Entities	Court citations, party names, company ABN/ACNs, confidential clauses, matter codes.	99.4% Precision
10–12	Healthcare & Clinical PHI	Patient identifiers, practitioner numbers, PBS prescription codes, diagnoses.	99.6% Precision
13–15	Financial & Tabular Formats	Spreadsheet cell coordinates, payroll ledgers, IBANs, credit card fragments.	99.9% Precision

03. SPECIALISED INDUSTRY PACKS

PRE-BUILT PROFILES

Legal & Litigious Pack Built for law firms and corporate counsel. Masks privileged client names, settlement sums, and court matter numbers before preparing briefs with AI.	Healthcare & Medical Pack Compliant with Australian My Health Record guidelines and HIPAA. Sanitises patient names, medical histories, and clinical test notes.
Banking & Financial Pack Masks customer accounts, BSB numbers, credit files, and salary figures in loan applications and mortgage broker documents.	Corporate & Human Resources Pack Scrubs employee resumes, salary records, disciplinary files, and internal strategy memos before analysis with external LLMs.

04. THE VAULT: LOCAL KEY CUSTODY

ZERO SERVER KNOWLEDGE

The Vault is Redactorr's client-side key storage environment. When you redact a document, a cryptographic token mapping dictionary is created in your browser. This dictionary never leaves your machine.

Local Reversible Unmasking

Paste the AI's response back into Redactorr. The Vault checks your client-held key and restores original names and numbers into the finalized report.

Cryptographic SHA-256 Audit Proofs

Every redaction session outputs a verifiable SHA-256 cryptographic digest. Prove to auditors and regulators that personal data was redacted before transmission.

05. SUPPORTED FILE FORMATS

COMPREHENSIVE INGESTION

FORMAT CATEGORY	FILE EXTENSIONS	LAYOUT & VISUAL PRESERVATION
PDF Documents	.pdf (Scanned, Vector, Form-Fillable)	Full text layer parsing, spatial bounding boxes, and OCR extraction.
Word & Office	.docx, .doc, .rtf, .odt	Preserves paragraphs, tables, bold/italic text, and heading tags.
Spreadsheets	.xlsx, .xls, .csv, .tsv	Cell coordinate tracking; masks individual cells while keeping formulas intact.
Images & Scans	.png, .jpg, .jpeg, .tiff	On-device Tesseract OCR extracts and masks text bounding boxes.

06. COMMERCIAL PLANS

SAME ENGINE, EVERY TIER

PLAN TIER	TARGET AUDIENCE	CORE INCLUSIONS	COMMERCIAL MODEL
Professional	Solo practitioners, consultants, researchers	Full 15-layer engine, unlimited browser redaction, standard Vault export.	\$29 / mo (Seat-based)
Team / Practice	Law firms, medical clinics, accounting practices	Shared team packs, audit proof exports, priority support, centralized billing.	\$79 / mo (5 seats included)
Enterprise Sovereign	Banks, government agencies, healthcare networks	Air-gapped VPC deployment, custom KMS key integration, bespoke taxonomy engines, SLA.	Custom Enterprise

07. GETTING STARTED & DEPLOYMENT SCHEDULE

IMMEDIATE ACCESS

1. Instant Free PII Checker

Test the detection engine in your browser immediately at redactorr.com/tools/pii-checker. No signup or credit card required.

2. Enterprise Pilot & Private Preview

Book an architecture review with our Melbourne engineering team at security@redactorr.com or request a demo at redactorr.com/demo.

Corporate Governance & Australian Authority

Redactorr is engineered in Melbourne, Australia. Registered with the Australian Securities and Investments Commission (ASIC). All IP, engine code, and cryptographic protocols are proprietary to Redactorr Pty Ltd.

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