

IT Security & Data Handling Summary

Pre-Sign-Off Structural Diagnostic — Technical Security Reference

For IT Security, Risk Management, and InfoSec review · April 2026

This document is for technical verification only. It answers one question: is it safe for a staff member to run this diagnostic on a tax export file in their browser?

Bottom Line for IT Review

The diagnostic runs entirely in the user's browser via WebAssembly. No file content, entity names, dollar amounts, or row-level data is transmitted to FinanceOCR servers. This is a technical architecture fact — not a policy promise — and is verifiable by any IT professional in under 60 seconds.

Three things to verify:

#	Claim	How to verify
1	Zero server transmission of file content	Open browser DevTools → Network tab → run the diagnostic on any file → observe: zero outbound requests carrying file content. Takes under 60 seconds.
2	SHA-256 computed locally, not server-side	The hash shown on the Export Exception Summary matches a local computation. No hash is sent to or computed by FinanceOCR servers.
3	PII rejection happens in-browser	SSN, EIN, and address patterns are detected and rejected client-side before any processing. Nothing leaves the browser session.

Technical Architecture

The diagnostic uses WebAssembly (WASM) to execute structural schema checks inside the user's browser session. The sequence is:

Step	What happens
File selected by user	File is read by the browser. It is not uploaded or transmitted anywhere.
PII scan (in-browser)	SSN, EIN, and address patterns detected and rejected client-side. If PII detected, processing stops.
SHA-256 computed (in-browser)	Cryptographic hash of the file computed locally. Retained for workpaper provenance. Not transmitted to FinanceOCR.
14-point diagnostic (in-browser)	All structural checks run inside the browser via WebAssembly. No row data, entity names, or dollar amounts leave the browser session.
Results displayed	Findings displayed in-browser. Export Exception Summary generated locally. No results are sent to FinanceOCR servers.
Output artifacts generated	PDF and Excel outputs are generated client-side and offered for local download. No content is retained on FinanceOCR servers.

Data Handling — What Is and Is Not Retained

Data element	Retained?	Notes
--------------	-----------	-------

Input file (original export)	NO — never transmitted	File is processed in-browser via WASM. Never sent to FinanceOCR servers.
Row-level financial data	NO — never transmitted	Dollar amounts and factor values processed in-browser only. Not retained anywhere.
Entity names	NO — never transmitted	Hashed before processing. Originals never leave the browser session.
PII (SSN, EIN, addresses)	NO — rejected in-browser	Detected and rejected client-side before any processing begins.
SHA-256 hash (provenance only)	YES — indefinitely	Hash only. Cannot reconstruct file content. Required for workpaper audit trail.
Data Consistency Score	YES — 14 days	Numerical score and exception list. No financial values included.
Output PDFs / Excel	YES — 14 days	Purged on exact schedule. Configurable by firm policy on enterprise agreements.

Retention & Purge Schedule

Item	Purge timing	Notes
Input file	48 hours from diagnostic	Precision-scheduled deletion — fires at exact diagnostic_timestamp + 48 hours. Not a batch job.
Output artifacts (PDFs, Excel)	14 days from diagnostic	Configurable by firm policy on enterprise agreements.
SHA-256 hash	Indefinite	Hash only. Cannot reconstruct file. Required for provenance chain.
Scan metadata	Indefinite	Score and exception list only. No financial values.
Entity names / amounts	Never retained	Processed in-browser only. Never transmitted to FinanceOCR servers.

Insurance Coverage

E&O Coverage	\$3,000,000 per occurrence — Errors & Omissions
Cyber Liability	\$1,000,000 per occurrence — Cyber Liability
Additional Insured	Firm named as additional insured upon request
Certificate of Insurance	Available on request — hello@financeocr.com

Engagement Terms — Security-Relevant Items

NDA	One-way NDA pre-signed by FinanceOCR — provided same day. No obligation on firm side until execution.
Data Processing Agreement	Available on request for enterprise engagements.

Subprocessors	None. No third-party data processors have access to diagnostic data.
Scope limitation	Structural exception screening only. No tax advice. No nexus determinations. No filing recommendations. Professional judgment remains with your firm.
WASM verification	Any developer can verify zero outbound file transmission by opening the browser Network tab during any diagnostic run.
Contact for IT questions	hello@financeocr.com · (916) 477-8427

Structural exception screening only — not tax advice. All findings require professional judgment before reliance. This document is for IT Security and Risk Management review purposes only.