



VeriDoc — Compliance Engine

Evidence-based AI document verification for supplier, quality, and compliance teams.

VeriDoc is a document verification and compliance engine designed to make document review repeatable, explainable, and auditable. It accepts supplier files and reference files in multiple formats, normalizes them into a canonical document model, evaluates them against configurable criteria, and produces a compliance report with evidence.

The engine combines deterministic rules, extractive checks, semantic review, and optional LLM judgment. It is built for teams that need more than a manual checklist: they need confidence, traceability, and clear evidence for every verdict.

Designed for:

Supplier quality teams, procurement teams, compliance teams, quality assurance teams, audit teams, and document control teams.

QDES

Practical AI for manufacturing, quality,
and project teams.



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Denmark company • CVR 42351830



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Submissions

Upload a supplier document, then run a published criteria set against it.

LLM for semantic checks

Structural, extractive and most comparative checks run deterministically. Enter a provider API key here to activate semantic LLM checks for this server session.

Provider Model Custom model ID

Provider API key

Google Gemini: not configured: missing GEMINI_API_KEY or GOOGLE_API_KEY

Embeddings for retrieval

Hybrid retrieval combines exact keyword matching with vector similarity. Choose OpenAI or Gemini embeddings for stronger semantic search over OCR text, references, and supplier evidence.

Provider Model Custom model ID

Embedding API key

Gemini embeddings: not configured: missing GEMINI_API_KEY or GOOGLE_API_KEY

Upload a supplier document

PDF, DOCX, XLSX or CSV. Ingestion (parse + provenance + PII scan) runs on upload.

File No file chosen

All submissions

<input type="checkbox"/>	SUBMISSION	FILE	STATUS	BLOCKS	OCR	PII	VERIFY AGAINST	
<input type="checkbox"/>	sub_0792ee2a3220	HEAVY_7_ShipmentCompliance_InvoicePackingCoO.pdf	indexed	84	60 (force)	12	Steelwork As-Built Pac	<input type="button" value="Verify"/>
<input type="checkbox"/>	sub_f0d5cb934cf5	supplier_A_ACME_PASS.pdf	indexed	57	37 (force)	1	Steelwork As-Built Pac	<input type="button" value="Verify"/>

Upload and analyze
PDF, DOCX, XLSX,
and CSV
documents

Criteria Studio

Author a versioned criteria set, add executable criteria, then publish to freeze a version.

1 - New document type

Name

Create document type

2 - New criteria set

Document type

Material & Dimensional Inspection Certificate

Name

Create draft set

Import criteria JSON

Load a complete criteria_set.json fixture. Published imports are immediately available for verification.

Criteria file

Choose File No file chosen

Import criteria set

Reference & instruction documents

Refresh

Upload README workbooks, TPS files, paint specifications, review instructions, and other guidance (PDF, DOCX, XLSX, CSV). Set the **Binding ID** to match the `reference_binding_id` used in your criteria (e.g. `ref_readme`, `ref_tps`, `ref_paintspec`). Sub-bindings such as `ref_readme.drawings_tab` resolve to the same uploaded `ref_readme` file. Uploaded references are included as LLM dossier context during verification.

Reference file

Binding ID / label

Choose File No file chosen

e.g. `ref_readme` (optional)

Upload reference

FILE	BINDING IDS	BLOCKS	OCR	
QR-RI-001_Client_Reference_Spec.pdf		60	39 (force)	Remove

3 - Add a criterion

Material & Dimensional Inspection Certificate

Criterion ID

Title

Description (intent)

Check type

structural (deterministic rule)

Severity

major

Weight

1

rule (JSON)

```
{"section_exists": "5.2"}
```

Criteria sets

Material & Dimensional Inspection Certificate v1

published

13 criteria

C-001	EN 10204 Type 3.1 declared	structural	critical
C-002	Heat / cast number present (traceability)	extractive	major
C-003	Chemical composition table present	structural	major
C-004	Carbon content within 0.38-0.45 wt%	extractive	critical
C-005	All chemical elements within reference limits	comparative	critical
C-006	Yield strength Rp0.2 >= 700 MPa	extractive	critical
C-007	Tensile strength Rm within 900-1100 MPa	extractive	major
C-008	Elongation A >= 12 %	extractive	major
C-009	Dimensional measurements within tolerance	comparative	major
C-010	Heat-treatment description section present	structural	critical
C-011	Heat-treatment description is specific and adequate	semantic	major
C-012	Inspector signature and date present	structural	critical
C-013	Conformity statement present and unambiguous	semantic	minor

- Evaluate configurable compliance criteria
- Apply structural, extractive, semantic, and comparative checks

Verification running 00:03

supplier_B_Nantong.pdf | Material & Dimensional Inspection Certificate | gemini/gemini-3.5-flash | emb gemini/gemini-embedding-001

Preparing verification

All submissions Refresh status

<input type="checkbox"/>	SUBMISSION	FILE	STATUS	BLOCKS	OCR	PII	VERIFY AGAINST
<input type="checkbox"/>	sub_eb5f3b544eda	supplier_B_Nantong.pdf	indexed	48	31 (force)	1	Material & Dimensional Inspection Certificate

Running...

- Support governance, PII checks, schema drift, lineage, and versioning

Compliance Report

Per-criterion verdicts with confidence and click-through evidence (page/bbox or sheet/cell).

Compliance score

50 / 100
7 pass 3 needs_review 3 fail **FAIL** critical auto-fail **REJECT** final decision 3/13 detection coverage

Decision: REJECT - Reject because reject-level criteria failed: C-006, C-012
Main reject reasons: C-006, C-012

Criteria results (13)

pass EN 10204 Type 3.1 declared structural	critical	conf 1.00
pass Heat / cast number present (traceability) extractive	major	conf 1.00
pass Chemical composition table present structural	major	conf 1.00
needs_review Carbon content within 0.38-0.45 wt% extractive	critical	conf 1.00
pass All chemical elements within reference limits comparative	critical	conf 0.95
fail Yield strength Rp0.2 >= 700 MPa extractive	critical	conf 1.00
needs_review Tensile strength Rm within 900-1100 MPa extractive	major	conf 1.00
fail Elongation A >= 12 % extractive	major	conf 1.00
pass Dimensional measurements within tolerance comparative	major	conf 0.95
pass Heat-treatment description section present structural	critical	conf 1.00
pass Heat-treatment description is specific and adequate semantic	major	conf 1.00
fail Inspector signature and date present structural	critical	conf 1.00
needs_review Conformity statement present and unambiguous semantic	minor	conf 0.00

Create reports, dashboards, KPIs, charts, and narrative insights



Search manual...

VeriDoc User Manual

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VeriDoc User Manual

This manual is written for procurement officers, QA managers, compliance analysts, and supplier assurance teams. It covers every feature of the VeriDoc web application from sign-in through reading a final compliance report.

No technical background is required to follow this guide.

1. Overview

VeriDoc is a supplier-document compliance engine. It takes a supplier-provided document (a certificate, data sheet, quality plan, inspection report, or similar) and checks it against a set of configurable compliance criteria. It produces an auditable report with a numeric score, pass/fail verdicts for every criterion, and exact evidence citations drawn from the document itself.

Key principles:

- **Explainable verdicts.** Every result cites the specific block of text or

table cell in the supplier document that supported the verdict. You can always see why a criterion passed or failed.

- **Deterministic where possible.** Structure checks, field extraction, value

comparisons, and reference-document matching run without any AI involvement. LLM judgment is used only for semantic and complex comparison criteria, and only when you have configured an LLM provider key.

- **Offline-capable.** The app works without any API keys. Structural and

extractive criteria evaluate instantly. Semantic criteria are routed to the Review Queue for human decision.

- **Persistent across restarts.** When deployed on Cloud Run with Firestore,

all submissions, runs, and reports are durable. Nothing is lost when the server restarts or scales.

2. Getting Started

2.1 Accessing the App

The deployed app URL is: