

# DocuChat - One-Pager

## What it is

A multimodal, multilingual, cited document assistant for teams. Ask across PDFs, URLs, images, and audio. Works with scanned docs via OCR. English + Tamil today, with bilingual exports.

## Why it matters

- Trustworthy: page-exact citations; can surface diagram snapshots.
- Inclusive: Tamil + English without pre-translation; transliterate/translate toggles.
- Practical: private vaults, quotas, RBAC; run on your cloud (AWS/on-prem) or hosted.
- Fast: pilot in minutes; no heavy IT program required.

## Core features

- Inputs: PDF, URL, images, audio (ASR), scanned docs (OCR, Tamil/EN tuned)
- Retrieval: FAISS + MMR/top-k; image text extraction; URL ingestion
- UX: bilingual chat, transliteration/translation, image/diagram pull-through
- Outputs: two-column bilingual PDF (fonts embedded) and JSON/CSV export
- Governance: private vaults, quotas, RBAC; simple admin panel
- Deploy: Hugging Face, AWS, or on-prem; minimal lock-in

## Where DocuChat wins

- Scanned + multilingual content (government forms, manuals, reports)
- Explainable answers (citations + images)
- Privacy-sensitive deployments (your VPC, data stays in boundary)

## Differentiators

- 1) True multimodality (PDF/URL/images/audio) with OCR/ASR in one flow
- 2) Bilingual-first UX and export (English + Tamil today)
- 3) Team-ready: private vaults, quotas, RBAC - out of the box
- 4) Flexible deployment options (hosted or your cloud)
- 5) No-code setup with yes-code extensibility

# Competitive landscape (quick compare)

Legend: ✓ native ■ partial/varies X missing. Assessment as of 2025-09-03.

## Competitive landscape (quick compare)

| Capability  | DocuChat | Gen chatbots<br>(ChatGPT/Claude) | Doc Q&A tools<br>(ChatPDF/Humata) | Enterprise search<br>(Glean/Copilot) | DIY frameworks<br>(LangChain/Haystack) |
|---|----------|----------------------------------|-----------------------------------|--------------------------------------|--|
| Inputs: PDF, URL, Images, Audio                     | ✓        | △                                | △                                 | △                                    | ✓                                      |
| Scanned docs + OCR                                  | ✓        | △                                | △                                 | △                                    | ✓                                      |
| Multilingual UX (EN + Tamil,<br>no pre-translation) | ✓        | △                                | △                                 | △                                    | ✓                                      |
| Citations with diagram/image pull-through           | ✓        | △                                | △                                 | ✓                                    | ✓                                      |
| Bilingual export (2-column PDF w/ fonts)            | ✓        | x                                | x                                 | x                                    | ✓                                      |
| Admin & quotas / private vaults / RBAC              | ✓        | x                                | △                                 | ✓                                    | x                                      |
| Deploy anywhere (HF, AWS, on-prem)                  | ✓        | x                                | x                                 | △                                    | ✓                                      |
| Time to value                                       | Minutes  | Minutes (not doc-centric)        | Minutes                           | Weeks (IT project)                   | Weeks-months                           |

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