

Yandex Vision OCR setup

Short setup notes for enabling the Yandex OCR engine in Audion Office OCR AI.

Official links

- Create a Yandex Cloud account and billing account:
<https://yandex.cloud/en/docs/billing/operations/create-new-account>
- Payment methods for individuals: <https://yandex.cloud/en/docs/billing/payment/payment-methods-individual>
- Pay or top up a billing account: <https://yandex.cloud/en/docs/billing/operations/pay-the-bill>
- Create a cloud: <https://yandex.cloud/en/docs/resource-manager/operations/cloud/create>
- Create a folder: <https://yandex.cloud/en/docs/resource-manager/operations/folder/create>
- Create a service account: <https://yandex.cloud/en/docs/iam/operations/sa/create>
- Create and manage API keys:
<https://yandex.cloud/en/docs/iam/operations/authentication/manage-api-keys>
- Vision OCR overview: <https://yandex.cloud/en/docs/vision/concepts/ocr>
- Vision OCR operation guide: <https://yandex.cloud/en/docs/vision/operations/ocr>
- Vision OCR sync API reference: <https://yandex.cloud/en/docs/vision/ocr/api-ref/TextRecognition/recognize>
- Legacy recognizeText API reference used by the current adapter:
<https://yandex.cloud/en/docs/vision/api-ref/Vision/recognizeText>
- Vision pricing: <https://yandex.cloud/en/docs/vision/pricing>
- Current AI Studio Vision OCR overview: <https://aistudio.yandex.ru/docs/en/vision/concepts/ocr/>
- Current AI Studio OCR recognize API reference: <https://aistudio.yandex.ru/docs/en/vision/ocr/api-ref/TextRecognition/recognize>

Local config files

Place secrets in plain text files under `config`:

- `config/yandex_key.txt`: one API key, no quotes.
- `config/api_key_yandex_studio.txt`: accepted project-local API key filename already used by this workspace.
- `config/yandex_key_id.txt`: optional API key identifier shown by Yandex Cloud. It is metadata, not the secret used in `Authorization`.
- `config/yandex_folder.txt`: one folder id, no quotes.

The repository contains `.example` files for both names. Do not paste the key into `llm_settings.yaml` or `tool_manifest.yaml`.

Payment note

For a personal account, Yandex Cloud works through a normal billing account and paid cloud services. Vision OCR is billed by the Vision service pricing rules, not by LLM-style text tokens. After adding payment, use `Project tools -> Yandex OCR smoke test` to verify that the key, folder id, permissions, and billing access are all valid.

Model note

One Yandex API key can be used with multiple OCR models. The key authenticates the request and ties it to the folder/billing context; the OCR model is selected per request through the `model` field.

The UI keeps these concerns separate:

- `Yandex API key`: selects the secret file.
- `Yandex mode`: selects the OCR model, for example `page`, `page-column-sort`, `table`, `handwritten`, `markdown`, or `math-markdown`.