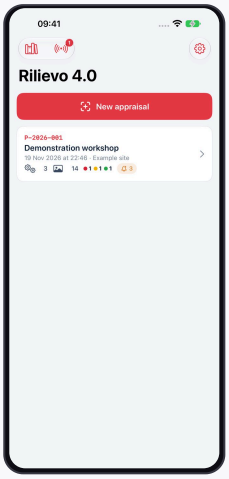
This guide describes **Rilievo 4.0 2.0.1 for iPhone and iPad**, on the App Store since 20 November 2026. For Android, 2.0.1 has been on Google Play since 20/11/2026 and arrives as an automatic update or from the Play Store. Check the installed version in the app settings.

Rilievo 4.0 · version 2.0.1 · illustrated guide

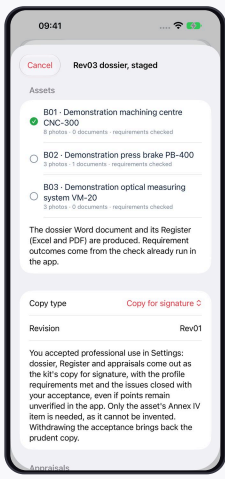
The real value of Rilievo 4.0

From the site visit to the document you sign: what the app does, what it hands you and what it costs. Then installation and setup, one step at a time, with Codex Cloud and GitHub explained from scratch.

App Store · iPhone and iPad ↗ Google Play · Android ↗



Your day, in one list



Staged dossier, copy for signature

DEMO Authentic screenshots of app version 2.0.1 for iPhone, captured in the simulator with DEMO data only. No client data, no real cases.

The professional signs and is responsible

AI can be wrong, leave things out or make things up. Classifications, references, requirements and documents must be read, corrected and approved by a competent professional before delivery, signature, sworn statement or certification. The app does not establish any tax benefit. CE4U S.r.l. and developer Carlo Tenca do not approve or sign the outputs. Mandatory rights and responsibilities are unaffected.

Terms, limits and responsibilities · Technical scope and schemes

Part one · The value

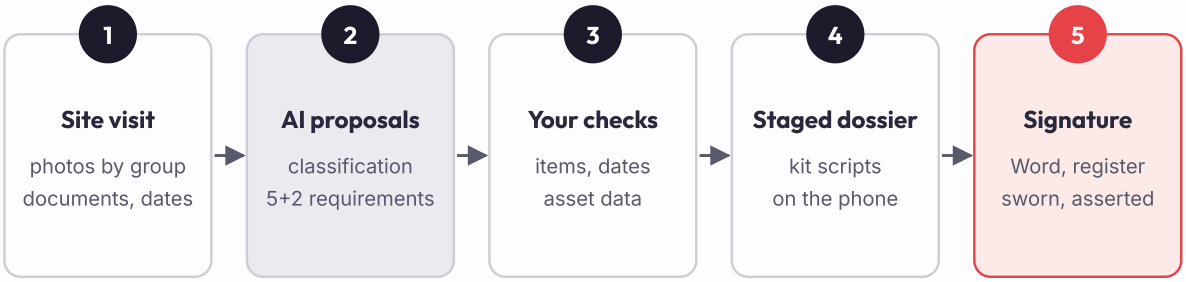
What you get, with facts you can check

01

From the shop floor to signature, in five stages

Rilievo 4.0 follows an Industry 4.0 appraisal from the site visit to your desk. On the shop floor you collect evidence for each asset. The AI you choose proposes classification,

checks and short texts. The app composes the dossier, register and appraisals on the phone with the kit's own scripts. You read, correct and sign.



The AI only writes short text. The app composes Word, register and appraisals with the kit scripts.

- **Three AI channels of your choice**: Codex Cloud through GitHub, API token, on-device AI. No RAVENG server between the app and the AI.
- **Two languages**: interface and reports in Italian or English.
- **iPhone and iPad** with iOS 17 / iPadOS 17 or later, from the App Store. **Android** 9 or later, from Google Play.
- **Client portal, on request** (iPhone and iPad app): the client uploads Industry 4.0 matrix data, photos and documents to doc.raveng.it and the app finds them in the survey. Read the chapter.

iPhone and Android: what is available today

	iPhone and iPad	Android
Where to get it	App Store	Google Play
Public version on 20/11/2026	2.0.1 (since 20/11/2026)	2.0.1 (since 20/11/2026)
New 2.0.1 features (staged dossier, copy for signature, acceptance of professional use, Radar, proof in documents, practice memory, living appraisal, shop-floor desk, offline queue...)	Yes, with 2.0.1	Yes, with 2.0.1 (since 20/11/2026)
Appraisals, assets, photos, documents, nameplates, PDF and Word reports, export	Yes	Yes
AI channels	Codex Cloud, AI via API key, local AI (MLX models or Apple Intelligence)	Codex Cloud, AI via API key, local AI (models downloaded to the phone)

	iPhone and iPad	Android
Client portal (doc.raveng.it)	On request: ask for a quote	Not available in the Android app: the portal links only to the iPhone and iPad app
Subscription (Italy, VAT included)	€29.90/month · €299.00/year; 14-day free trial for eligible accounts	€29.90/month · €299.00/year for new subscribers from 20/11/2026; no trial period

Since 20/11/2026, 2.0.1 has been on both stores. Actual prices and terms are those the store shows at purchase.

02

Transition 5.0 and hyper-depreciation 2026–2027

Rilievo 4.0 recognises the scheme from the asset's dates and prepares the technical evidence and the appraisal. Benefit calculations, energy and tax checks and notices to the GSE stay with the professional and the tax adviser.

2026–2027

Hyper-depreciation 2026–2027

Iperammortamento, Law 199/2025, art. 1, paras. 427–436; Ministerial Decree of 7 May 2026. Investments from 1/1/2026 to 30/9/2028, completion by 15/11/2028. **Prepares:** scheme recognition, technical evidence on Annex IV and V assets and the appraisal (Ministerial Decree of 7/5/2026, art. 6). **Stays outside:** uplift calculation, GSE notices, accounting certification, cumulation, exclusions.

2024–2025

Transition 5.0

Transizione 5.0, art. 38 Decree-Law 19/2024; Ministerial Decree of 24/07/2024. Investments from 1/1/2024 to 31/12/2025, completion by 28/2/2026. **Prepares:** only the 4.0 technical evidence component, the appraisal of features and interconnection (art. 16 Ministerial Decree of 24/07/2024). **Stays outside:** energy savings, ex-ante and ex-post energy certifications, accounting certification, cumulation, exclusions, GSE procedures.

2017–2025

Earlier schemes

Hyper-depreciation 2017–2019, 2020 tax credit, 4.0 tax credit 2021–2025. **Prepares:** scheme recognition from the dates, historical cases and late interconnection. **Stays outside:** entitlement and deadlines, to be checked case by case.

In 2026 and 2027 support for investments in 4.0 assets goes through the new hyper-depreciation scheme: that is why searches for “Transition 5.0 2026” or “Transition 5.0

2027” lead here. Transition 5.0 covers 2024–2025 investments.

> The expert confirms scheme, classification and dates, signs the documents and is responsible for them. Details in Method and limits and the FAQ.

03

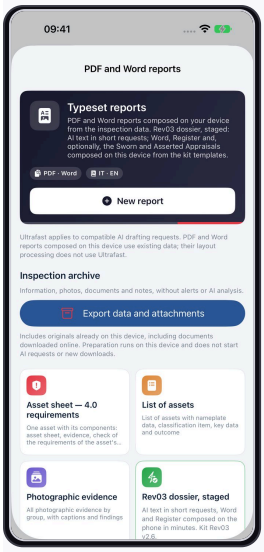
Documents identical to the kit, and we prove it

The dossier is not “similar” to the kit’s. Word file, register and appraisals come out of the original scripts of the **Technical Dossier Kit Rev03 v2.6**, run on the phone. The AI only writes short text, one part at a time; the app does everything else, in seconds.

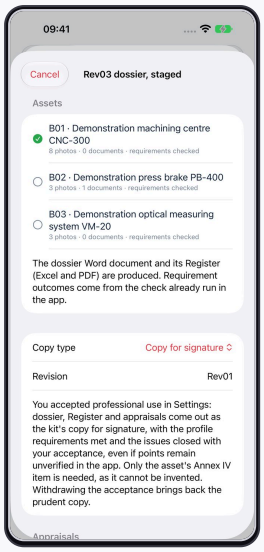
On 19 November 2026 we compared the app’s documents, part by part, with those produced by the same scripts run from the command line, on synthetic cases:

Test	Result
Dossier, one asset, same plan	31 of 31 Word parts identical, identical manifest
Copy for signature, one and two assets	24 of 24 parts identical for each asset
Sworn and asserted appraisals	Sworn 17 of 17 (18 of 18 with two assets), asserted 17 of 17
Final copy with acceptance, 2 assets, 46 open findings	Dossier 31/31 per asset, sworn 32/32, asserted 17/17; `validate_manifest.mjs` valid, `verifica_grafica.py` passed, `mappa_finale.py --copia-pulita` on 799 paragraphs with no residue
Findings register	cell-by-cell comparison with the kit example: matches

> Two things the phone does not do, and the app says so. The faithful PDF of dossier and appraisals is exported from Word: the phone has no layout engine equal to Word. Table-of-contents page numbers update when you open the file in Word. The register PDF, on the other hand, is the kit’s own. The kit template covers the 2026 hyper-depreciation, Annex IV group I, 5+2 profile.



Reports: the staged Rev03 dossier and the asset reports, in PDF and Word.



Dossier start: “Copy for signature” is the default choice.

04

How many documents you get

4 documents, 5 files

For each case, from the kit

Technical dossier (Word), findings register (Excel and PDF), sworn appraisal (Word), asserted appraisal (Word). With several assets the dossier is a single file, one section per asset and one register.

PDF + Word

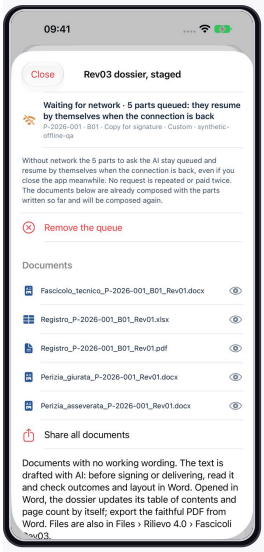
For each asset

Asset sheet, in PDF and editable Word, in Italian or English.

PDF + Word

For the assignment

Asset list with the reporting summary, and photo evidence.



Dossier for DEMO asset B01: Word, register in Excel and PDF, sworn and asserted appraisals, composed on the phone. Here the network is absent (simulated) and 5 AI parts wait in the queue; the channel is a simulator test provider.

A concrete example, plain arithmetic: a case with 3 assets yields 5 files from the kit, 6 files for the three asset sheets (PDF and Word), 2 for the asset list and 2 for the photo evidence. That is **15 files**, all from the same data.

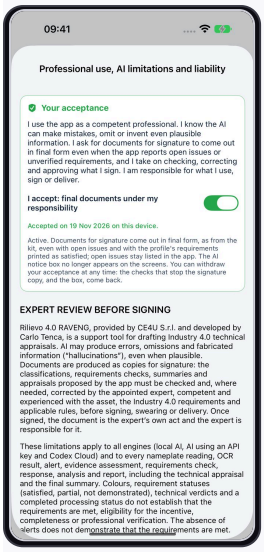
05

Ready to sign, nothing to strip out

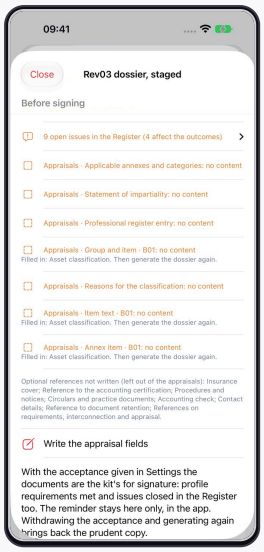
Every new dossier starts from the **Copy for signature**: no “DRAFT”, “HOLD” or yellow notes to delete by hand. The working draft is still there, but only if you choose it. Asset reports are issued for signature by default.

Whatever is still open does not end up on the document. It stays in the app, in the **“To close before signing”** section of the result (called “Before signing” once you have accepted), and in the register: unverified requirements, classifications to confirm, findings with the action required, empty appraisal fields.

In Settings you can give your **acceptance of professional use**. With it, the copy for signature comes out exactly as from the kit, with the profile’s requirements marked as met, even if open issues remain in the app: the issues stay listed in the app and the decision is yours. You can withdraw it at any time. Without it, an unverified requirement is never written as met.



Settings › Professional use: acceptance is explicit and can be withdrawn.



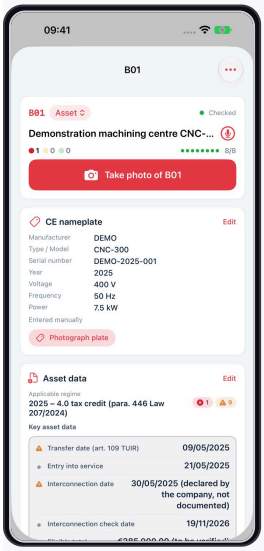
"Before signing": what is still open is listed in the app, not printed in the documents (DEMO data).

06

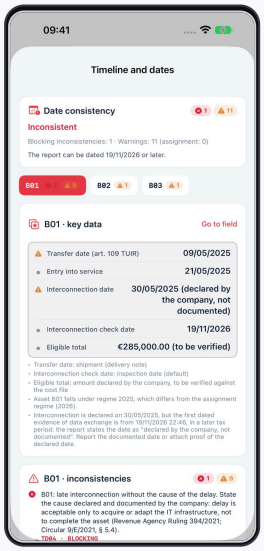
Evidence, collected and put in order

The camera works by **evidence groups**: asset photo, nameplate, PLC/CNC, HMI, interconnection, integration, remote control, monitoring, cyber-physical, output data. The counter shows at once which group is missing and opens the camera on the right group.

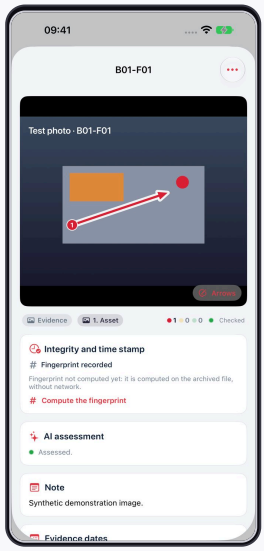
Every document gets a stable code, such as `B01-D01`. Dates read in photos and documents go into the **Timeline**, which flags inconsistencies before someone else does.



Asset B01 with evidence by group.



Timeline and dates: inconsistencies and confirmed dates.



A photo with date, origin and AI reading.

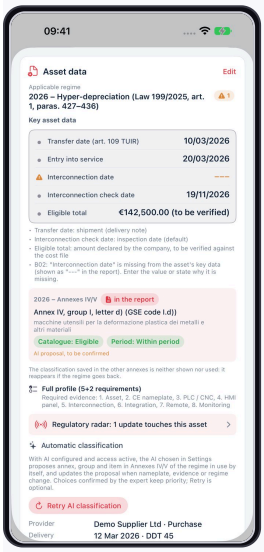
07

The AI proposes, you decide

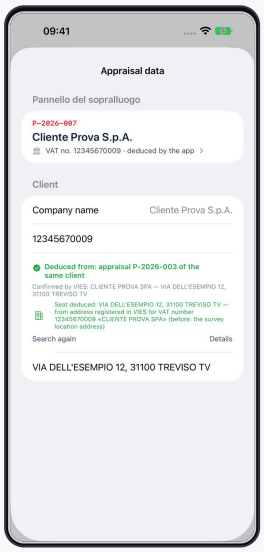
Inferred classification. The AI chosen in settings proposes annex, group and item (Annexes IV/V for 2026, A/B for the 2025 regime) with its reasoning. For each asset you only see the annexes of the regime in use. An item the AI cannot find stays missing: nothing is invented.

Client VAT number. The app looks for it by itself: business found on the map at the appraisal location, client website, uploaded documents and FatturaPA e-invoices, VIES check. It also finds the client's registered office, and every value shows its source. A number is confirmed only if the returned name matches. A value you typed is never overwritten.

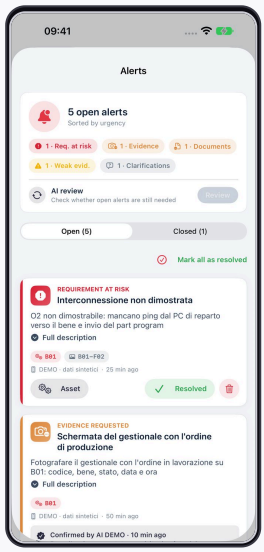
Short descriptions. Alerts and long AI texts also arrive in a short form. The full text is one tap away, under "Full description".



AI-proposed classification for asset B02, 2026 regime.



Inferred VAT number, with the sources consulted (DEMO data).



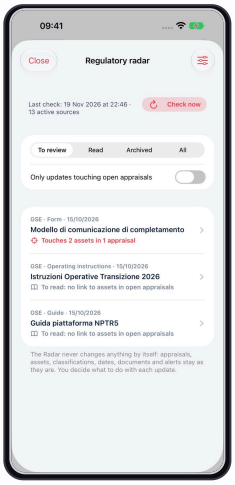
Short text and "Full description".

08

Five tools that work for you

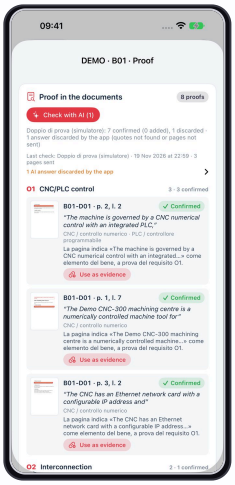
Regulatory radar

Reads 13 official sources (9 from MIMIT, 2 from GSE, the Revenue Agency, the Official Journal) and tells you which news affects your open cases. It changes nothing by itself.



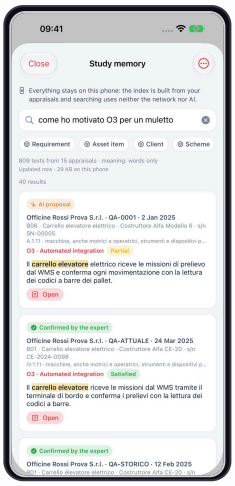
Find the proof in the manual

In the asset sheet, “Proof in the documents” searches page by page through the uploaded manuals, diagrams and declarations: PLCs, networks, panels, remote service, sensors. The search runs on the phone, without AI. If you ask, the AI checks the pages found and the app discards quotes it cannot find in the text. A proof becomes evidence only when you tap. In the screenshot the check uses a simulator test channel, on a DEMO manual.



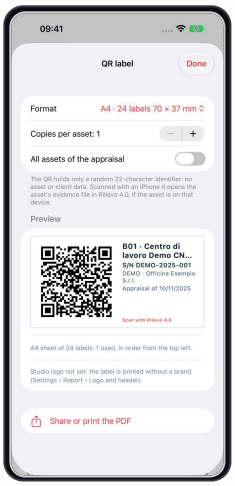
Practice memory

Finds how you worded a finding or justified a classification in past appraisals. The index stays on the phone.



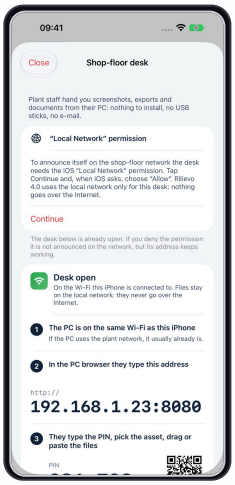
Living appraisal

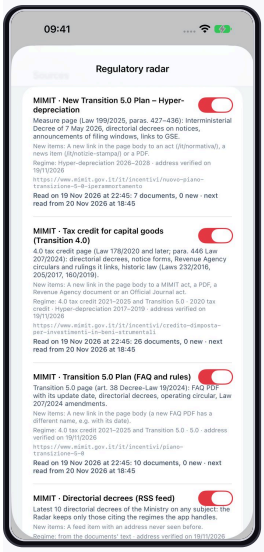
QR labels for assets, a verification calendar and a maintenance visit linked to the original appraisal, which stays untouched. New evidence is compared with the original.



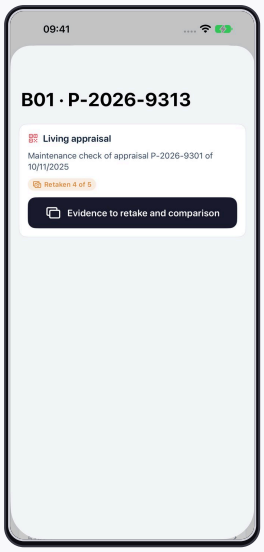
Shop-floor desk

Plant staff hand you screenshots and documents from their PC, in the browser, with a PIN. No USB sticks, no e-mail, nothing to install. Wi-Fi or the phone's hotspot. On Android you turn the hotspot on by hand and the PC sees only the appraisal and asset codes.

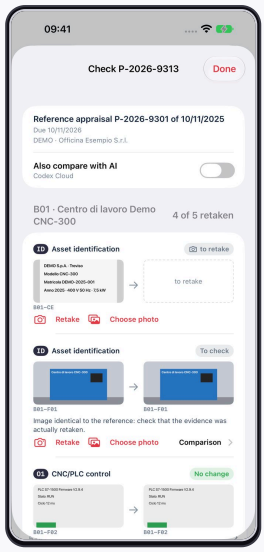




Regulatory radar: the official sources read and their status.



Living appraisal: deadlines and asset evidence (DEMO data).



Maintenance check: new evidence next to the original.

Also in 2.0.1, besides the five tools:

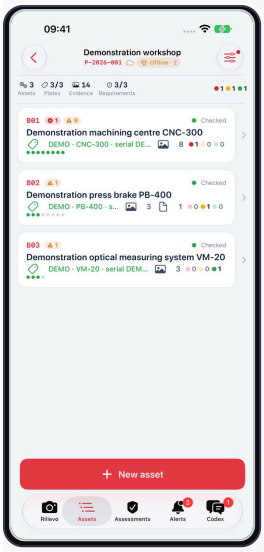
- **Writes like you**: the app learns your style from the dossiers you corrected or signed and asks the AI to write with your wording.
- **Kit updatable from file**: in Settings › Dossier kit you import a newer kit or go back to the bundled one.
- **A single notification** shows the progress of all AI requests.
- **The staged dossier replaces the old AI reports**: the “Industry 4.0 technical appraisal”, “Technical Dossier” and “Sworn Appraisal” written by the AI in a single pass are no longer created; dossier and appraisals come out of the kit.

09

No signal on the shop floor, work goes on

Without a network you keep survey, photos, documents, on-phone reports, on-device AI and the desk over hotspot. Whatever needs the network stays **“Waiting for network”**, not failed. When the connection returns, the queue restarts by itself, with no duplicates and no repeated paid requests.

With the staged dossier, documents are produced anyway with the parts already written; the missing ones wait for the network and are added later.



Appraisal bar: “No network” and queued jobs.

10

What it costs, without surprises

App Store (iPhone and iPad) and Google Play (Android, new subscribers from 20/11/2026)

Monthly

€29.90 / month

Renews automatically every month.

Annual

€299.00 / year

One annual charge in advance, no monthly instalments.

Prices read on 19/11/2026 from the public Italian App Store page (app 6821592165, “In-App Purchases”: Rilievo 4.0 monthly €29.90, Rilievo 4.0 annual €299.00), matching the Rilievo 4.0 page on raveng.it. Apple’s confirmation screen at purchase is what counts.

On Google Play (Android) the same prices apply to new subscribers from 20/11/2026: €29.90 per month or €299.00 per year, VAT included, with the annual plan charged in one payment. Existing Google Play subscribers keep their previous price. There is no trial period on Google Play. The purchase is verified by the RAVENG service and needs a Rilievo 4.0 account with a verified e-mail address. The price Google Play shows at purchase is what counts. The subscription is managed and cancelled in Google Play; uninstalling the app does not cancel it.

Monthly and annual include the same features. On the App Store the 14-day free trial applies to eligible accounts when Apple shows it, once per subscription group. Renewal is then automatic; cancel at least 24 hours before the period ends, from iOS Settings.

Separate: ChatGPT plan for Codex, API credits with the AI provider, GitHub services, connectivity. The **AI usage** page logs calls, tokens and an estimated cost for token requests, in dollars and euros, VAT excluded.

Stated example: do the maths with your own numbers

This is not a statistic. The starting values are example assumptions, written below: replace them with yours. The calculation uses the annual plan, €299.00 on the App Store and on Google Play.

Annual subscription per appraisal

€14.95

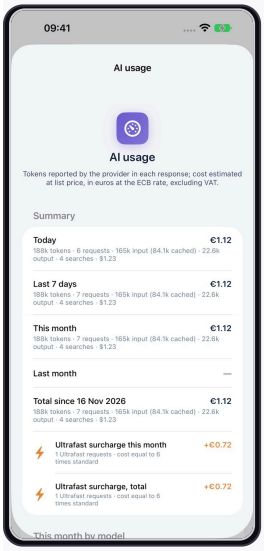
Value of time saved per appraisal

€120.00

Appraisals to pay back the annual plan

3

Starting assumptions: annual plan, 20 appraisals a year, 2 hours saved per appraisal, €60 an hour. With these values: €299.00 ÷ 20 = €14.95 per appraisal; 2 × €60 = €120.00 of time; €299.00 ÷ €120.00 = 2.5, that is 3 appraisals. Separate AI costs (ChatGPT plan or API credits) and VAT are excluded.



AI usage: requests, tokens and estimated costs (DEMO data).

No tax promise. The app does not establish entitlement to any benefit: classification, period, filings and the benefit itself remain with the professional and the tax adviser.

11

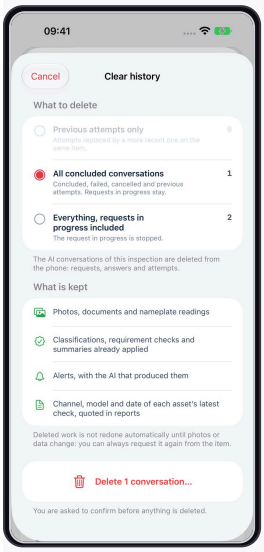
What stays with you

Rilievo 4.0 takes repetitive work off your hands. It does not take away your judgement. Personal statements, independence, signature, oath and certification are never written by

the AI. Read every document before you sign it.

With Codex Cloud and API tokens, material goes to GitHub, OpenAI or the chosen provider, with no automatic anonymisation. With on-device AI, processing stays on the phone (Photos/iCloud copies and backups still need managing). You choose the channel, case by case, with the client's authorisations.

The history of Codex requests can be cleared from the app: "Clear history…" lets you choose what to remove, shows what stays and asks for explicit confirmation. Anything already on GitHub or with the provider is managed in those services.



Clear history: choose, review, confirm.

Part two · Installation and setup

From the App Store to your first dossier, one step at a time

Follow the steps in order. Each step says what to do and what to check. Screenshots come from the iPhone app; diagrams of external sites and stores are illustrations.

Step 1

Download the app: iPhone, iPad and Android

1.1 iPhone and iPad, from the App Store

1. On iPhone or iPad open the **App Store** and search for “Rilievo 4.0”. The listed developer is carlo tenca, © CE4U S.r.l.
2. Tap **Get** and confirm with Face ID, Touch ID or your Apple Account password. The app is free to download: features unlock with the subscription.
3. Or open the direct App Store link. You need iOS 17.0 or iPadOS 17.0 or later.



1.2 Android, from Google Play

1. On your Android phone open the **Play Store** and search for “Rilievo 4.0”. The listed publisher is **CE4U SRL**. Or open the direct Google Play link.
2. Tap **Install**. You need Android 9 or later. Since 20/11/2026 Google Play has distributed version 2.0.1.
3. **Subscription**: in the app open the subscription page, choose monthly or annual and confirm in the Google Play sheet, which shows price and terms. The purchase is verified by the RAVENG service and needs a Rilievo 4.0 account with a verified e-mail address. There is no trial period on Google Play. You manage and cancel it from the Google Play subscriptions page; uninstalling the app does not cancel it.
4. **Permissions**: Android asks for the camera for photos, location for the appraisal site (nearby businesses are searched only when you tap “Search nearby businesses”) and, from Android 13, notifications for alerts and running jobs. You can change them later in Settings › Apps › Rilievo 4.0.

5 **First launch**: as on iPhone, the “Professional use, AI limitations and liability” notice appears. Read it, turn on the acknowledgement and tap “I have read it, continue”.



The screenshots in this guide come from the iPhone. On Android the layout differs, but the main items have the same names: Settings › AI engine with local AI, AI via API key and Codex Cloud, GitHub and Codex connection.

✓ **CHECK**

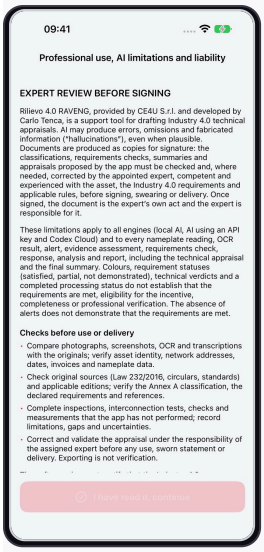
Rilievo 4.0 is a separate app from Rilievo (CE): archives, settings and subscriptions are separate. The subscription is bought in the store of the device you use.

Step 2

First launch: read the notice

DO THIS

1. On first opening you see **“Professional use, AI limitations and liability”**. Scroll to the end.
2. Turn on the “I have read the notice...” switch and tap **“I have read it, continue”**. The button stays off until you turn it on.



First launch: the notice to read.

Step 3

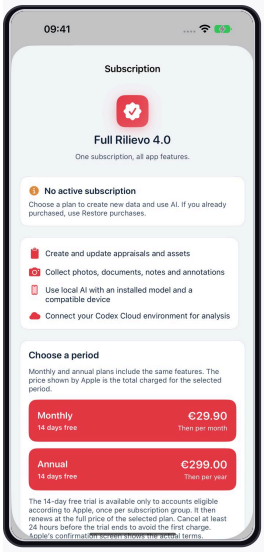
Choose the subscription (iPhone and iPad)

DO THIS

1. Open **Settings** (gear, top right) › **Subscription**. The same page opens if you tap “New appraisal” without a subscription.
2. Choose **Monthly** or **Annual**. Features are the same.
3. Confirm in Apple’s sheet, which shows price, trial and first charge date.

On Android the subscription goes through Google Play: see step 1.2.

> ✓ **CHECK**
>
> After confirming, the page says “Active subscription”. If you already bought on another device, use
> **RESTORE PURCHASES**
> with the same Apple Account.



Subscription page. Captured with Apple's StoreKit test environment (Italian storefront): prices identical to the public Italian App Store.

Step 4

iPhone permissions: what it asks and why

iOS asks for each permission the first time it is needed. You can change it later in iOS Settings › Rilievo 4.0.

Permission	What it is for	If you deny it
Camera	Photos of assets, nameplates, PLCs, HMIs and network screens	You can import photos and documents from Files
Location (while using)	Recognise the client and plant of the appraisal	Type the client by hand
Photos	Copy shots to the "Rilievo 4.0" album and read the original date of imported photos	Photos stay only in the app
Microphone and speech recognition	Dictate notes, transcribed on the device	Type your notes
Notifications	AI alerts: requirement not shown, evidence requested	Alerts stay in the Alerts tab
Local network	Only for the shop-floor desk	The PC cannot reach the desk

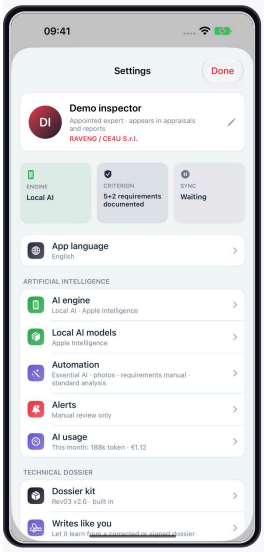
Step 5

Your expert profile

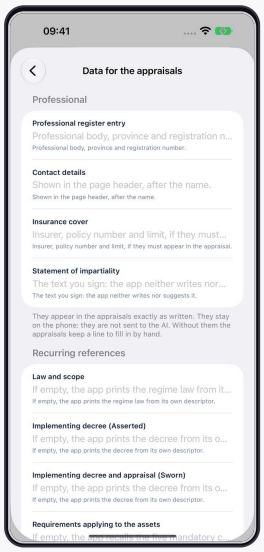
DO THIS

1. In **Settings**, at the top, type your name: it appears in appraisals and reports.
2. Open **Technical dossier › Appraisal details** and enter once your professional register entry, contact details, insurance, independence statement and recurring references.

> ✓ **CHECK**
>
> These details stay on the phone, never go to the AI, and apply to later appraisals.



Settings: inspector name, AI engine, dossier tools.



Appraisal details: entered once.

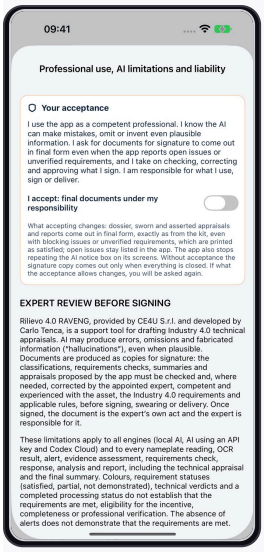
Step 6

Acceptance of professional use

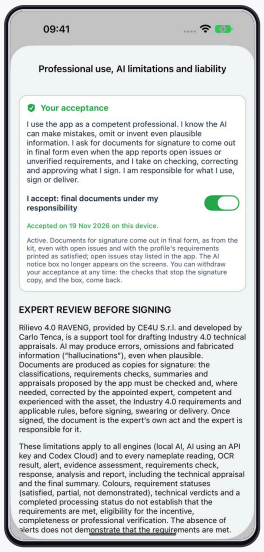
DO THIS

1. Open **Settings › Professional use, AI limitations and liability**.
2. Read “What accepting changes”. If you agree, turn on **“I accept: final documents under my responsibility”**.

> ✓ **CHECK**
>
> “Accepted on … on this device” appears. From then on, documents for signature come out in final form, as from the kit, and the AI notice box no longer appears on the screens. Open issues stay listed in the app. To go back, turn the switch off.



Before: what accepting changes.



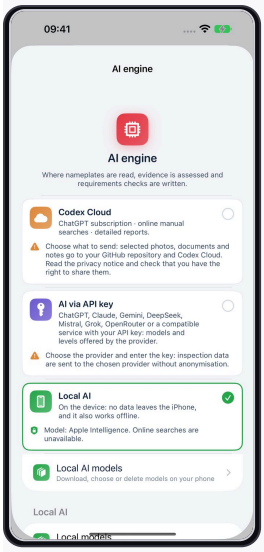
After: acceptance active, with the date.

Step 7

Choose the AI channel

Open **Settings › AI engine**. You can switch channel at any time. Appraisals stay on the phone in every case.

Channel	What you need	Where data goes	Costs
Codex Cloud	GitHub account, private repository, ChatGPT plan with Codex	To your GitHub repository and Codex Cloud	Your ChatGPT plan and limits
AI via API key	An API key from a provider (OpenAI, Anthropic, Google, DeepSeek, Mistral, xAI, OpenRouter or compatible)	To the chosen provider	Pay per use, logged in AI usage
Local AI	A model downloaded to the phone and a compatible device	They stay on the iPhone, even offline	No per-request cost

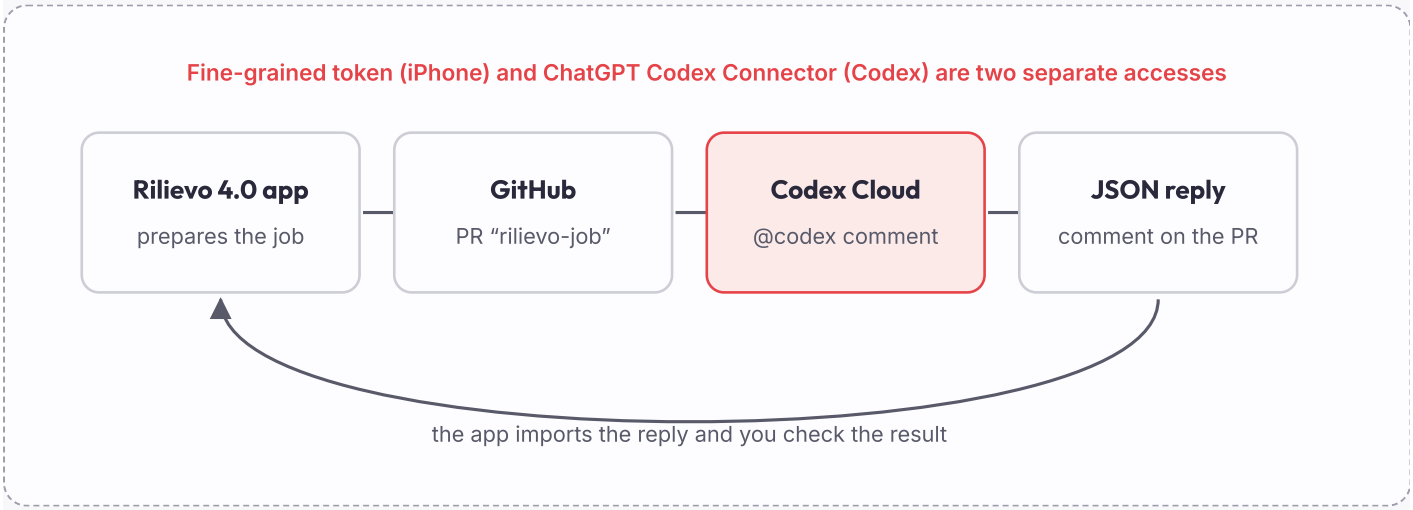


AI engine: the three channels.

Step 8

Codex Cloud with GitHub, from scratch

It looks long, but you do it once. You need a computer or tablet with a browser and about half an hour. Illustrations are diagrams: the GitHub and OpenAI sites may look different. Labels follow the official documentation as consulted on 19/11/2026.



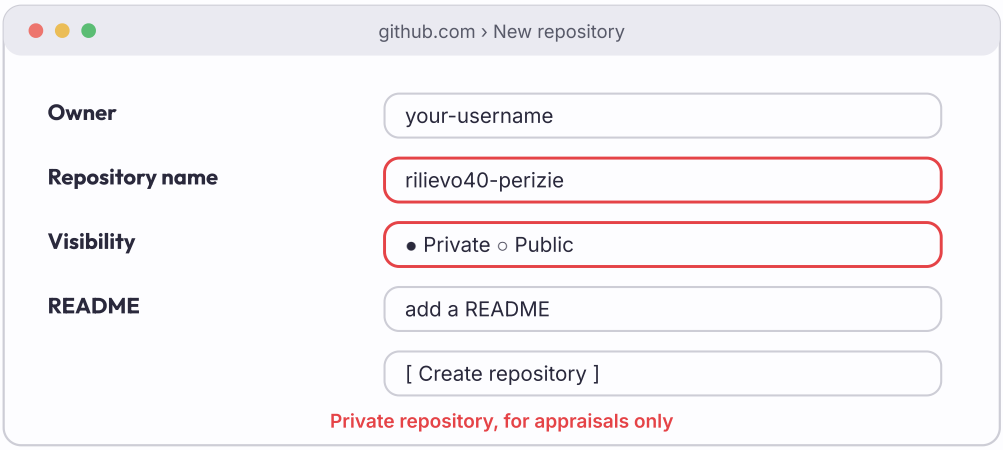
8.1 Create the GitHub account

1. Go to github.com and sign up, or use your practice’s account. Verify your email address: GitHub asks for it before creating a token.
2. Turn on two-factor authentication: the account will hold your clients’ material.

8.2 Create the private repository

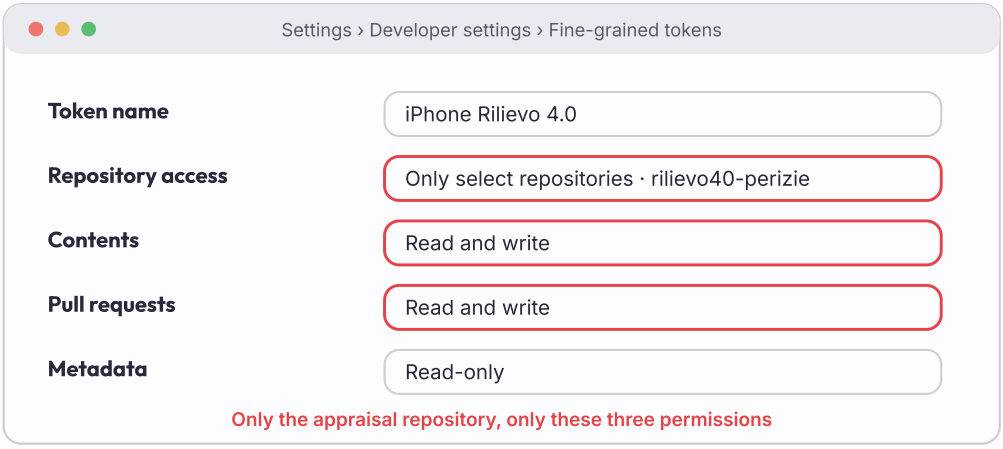
1. Top right, click **+** (Create something new) › **New repository**.

2. Under **Owner** choose your account. Under **Repository name** type `rilievo40-perizie`: the app already suggests this name.
3. Choose **Private** and add a README, so the main branch exists. Then **Create repository**.
4. Use a repository dedicated to appraisals only, never one with other projects.



8.3 Create the token for the iPhone

1. Profile picture › **Settings** › **Developer settings** › **Personal access tokens** › **Fine-grained tokens** › **Generate new token**.
2. **Token name**: for example “iPhone Rilievo 4.0”. **Expiration**: a sensible expiry. **Resource owner**: your account.
3. **Repository access**: **Only select repositories** and pick only `rilievo40-perizie`.
4. **Repository permissions**: **Contents** read and write, **Pull requests** read and write, **Metadata** read-only. Nothing else.
5. **Generate token** and copy it. GitHub shows it only once. Do not keep it in notes or photos.



8.4 Check your ChatGPT plan

1. Codex cloud tasks are included in the **Plus**, **Pro**, **Business**, **Enterprise** and **Edu** plans (Codex pricing page, 19/11/2026). Limits and credits depend on the plan.

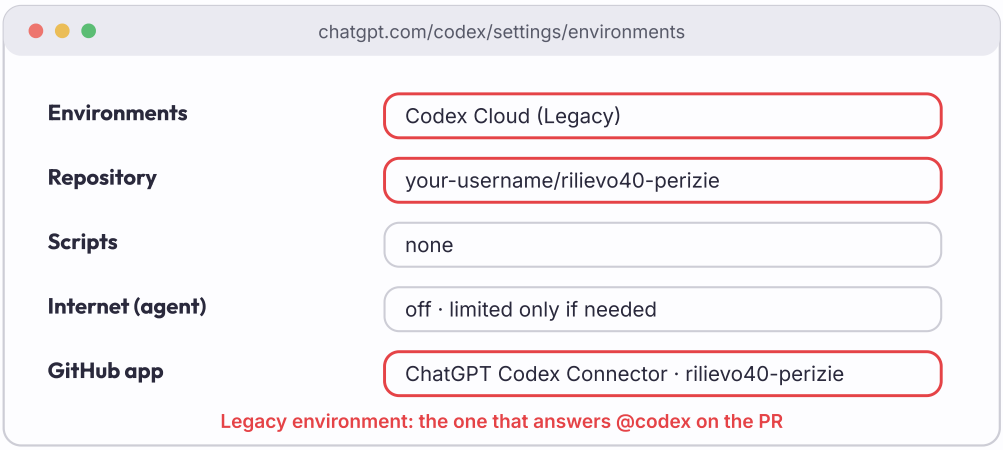
2. The ChatGPT plan is separate from the Rilievo 4.0 subscription.

8.5 Connect Codex to the repository

1. Install the GitHub app **ChatGPT Codex Connector** from github.com/apps/chatgpt-codex-connector. When it asks for repositories, choose **Only select repositories** and only `rilievo40-perizie`.
2. Sign in at chatgpt.com/codex with the plan's account and complete the GitHub connection if asked.

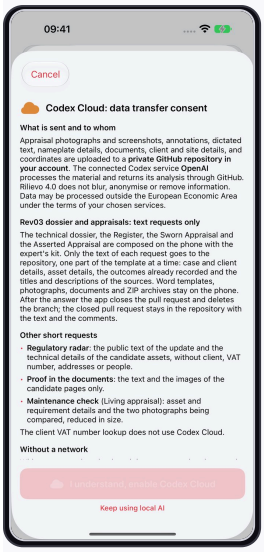
8.6 Create the environment

1. Open the Codex environment settings: chatgpt.com/codex/settings/environments. According to OpenAI's documentation, **Codex Cloud (Legacy)** environments serve the GitHub integrations: this is the path used by the `@codex` comment on the pull request.
2. Create the environment and choose the `rilievo40-perizie` repository. No setup scripts or keys are needed.
3. The agent's internet access is off by default. Turn it on, with limited access, only if you want Codex to search manuals online.
4. Do not migrate a working environment just because another screen calls it "new".

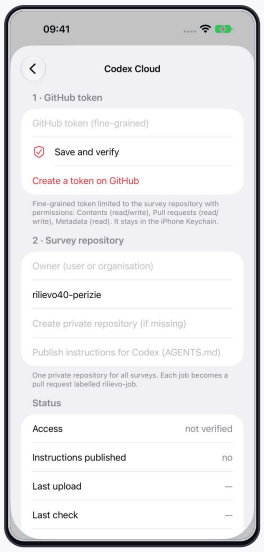


8.7 Connect the app to GitHub

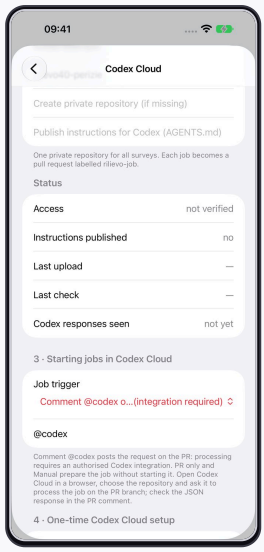
1. In the app: **Settings › AI engine** and tap **Codex Cloud**. Read the data-sending notice, turn on the acknowledgement and tap **"I understand, enable Codex Cloud"**.
2. Tap **GitHub and Codex connection**. Paste the token into **GitHub token (fine-grained)**.
3. Under **Owner (user or organisation)** type your GitHub username. Under **Repository** leave `rilievo40-perizie`. Do not paste the full address into the two fields.
4. Tap **Save and verify**: you should see "Access verified as @...". Then **Publish instructions for Codex (AGENTS.md)**.
5. Under **Job trigger** keep **Comment @codex on the PR (integration required)** and the mention `@codex`.



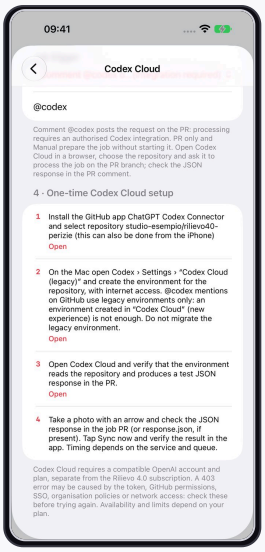
The notice before enabling Codex Cloud.



Connection: token, owner and repository; “rilievo40-perizie” is already suggested.



Connection status and job trigger with “Comment @codex”.



One-time setup, with a fictitious example repository (studio-esempio).

8.8 The first test request

1. Create a test appraisal, for example “DEMO — no client data”. Photograph something you may lawfully photograph, add an arrow and tap **Done**.
2. From the appraisal panel tap **Sync now**. The job appears in the **Codex** tab; on GitHub a pull request opens with the `rilievo-job` label and the `@codex` comment.
3. Codex replies with a comment containing the JSON block. At the next check the app imports it: open the result and compare it with the photo.

✓ **CHECK**

The channel is ready only when sending, processing, returning and importing have all worked on the test. Timing depends on the Codex queue. Tapping “Retry” repeatedly creates duplicate requests.

Step 9

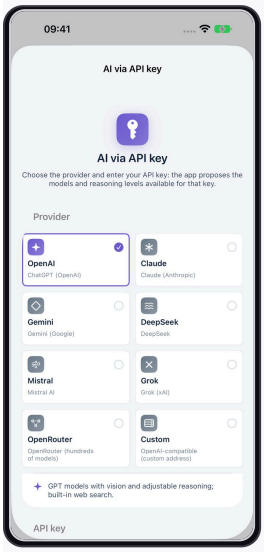
Alternatively: AI via API key

DO THIS

1. Create an API key on the provider’s site (for example OpenAI or Anthropic) and add credit or a pay-as-you-go plan.
2. **Settings › AI engine › AI via API key**: accept the notice, choose the provider, paste the key, choose model and level.
3. Tap **Test the connection**.

CHECK

The key stays in the iPhone Keychain. Up to three requests run at once and replies arrive even with the phone locked. Estimated costs appear in AI usage; the provider's statement is what counts.



API token: provider, key, model and level.

Step 10

Alternatively: local AI

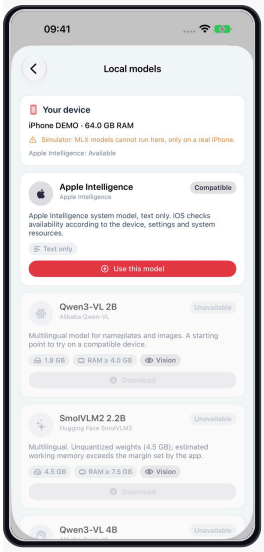
DO THIS

1. **Settings › AI engine › Local AI**: the model list opens.
2. Download a model compatible with your iPhone. The download continues in the background and resumes where it stopped.
3. Choose the level: "Fast" or "Accurate".

CHECK

Processing stays on the phone and it works offline. Vision models analyse photos; Apple Intelligence works on text only. The staged dossier needs an MLX model: the system model's working memory is too small.

On Android, local AI uses downloaded models run with llama.cpp, on a suitable phone; Apple Intelligence is not available.

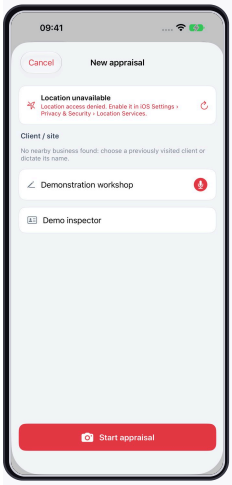


On-device AI models: download, choose, delete.

Step 11

Your first DEMO visit, through to the dossier

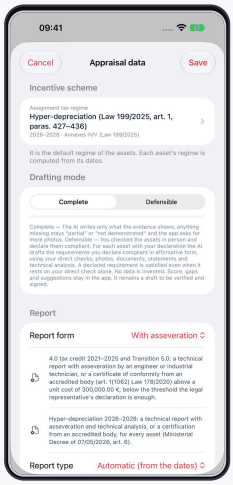
Try everything on a demonstration appraisal before using real material. The screenshots below use the app's three DEMO assets: B01 in the 2025 regime, B02 in the 2026 regime, B03 with the "interconnection only" profile.



01

New appraisal

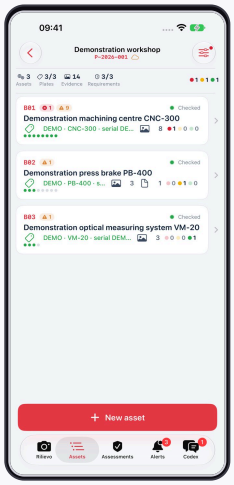
From the home screen tap **New appraisal**. With location on, the app suggests the client; otherwise type the name.



02

Appraisal data

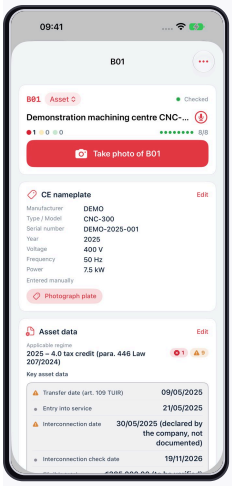
From the panel open **Appraisal data**: current-year regime, asserted form, single phase and independence are preset. Check them.



03

Assets

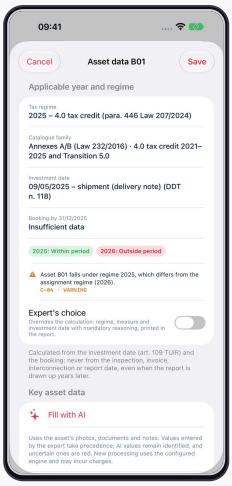
In the **Assets** tab add the assets. Each gets a code: B01, B02…



04

Asset evidence

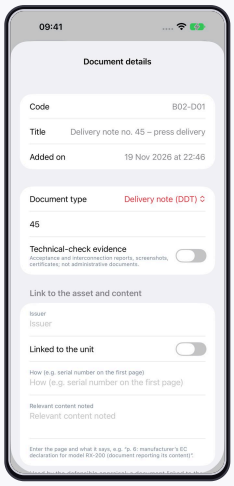
Open the asset and photograph the groups the profile requires. An empty group shows “Evidence required”.



05

Asset data

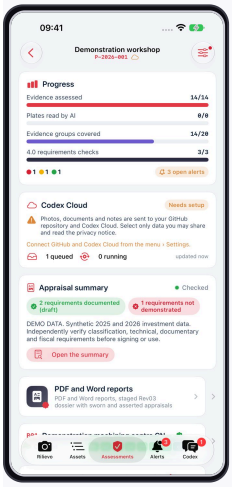
Under **Asset data** you find regime, dates, proposed classification and requirement profile. Confirm or correct.



06

Documents

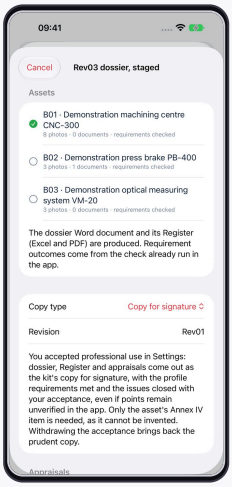
Import invoices, CE declarations and manuals. The AI reads type, number and date; you confirm.



07

Assessments

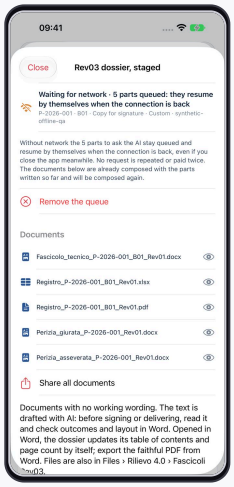
In the **Assessments** tab tap **Check now**: the AI examines the profile requirements and the app recomputes the outcome with its own rules.



08

Dossier

In **Reports** tap **Rev03 dossier, staged**, choose the assets, keep **Copy for signature** and tap **Generate the dossier**. AI parts arrive in parallel; Word, register and appraisals are composed on the phone.



09

Result

The result lists the files and the “Before signing” section. Open the Word file in Word to update the contents and export the PDF.

Step 12

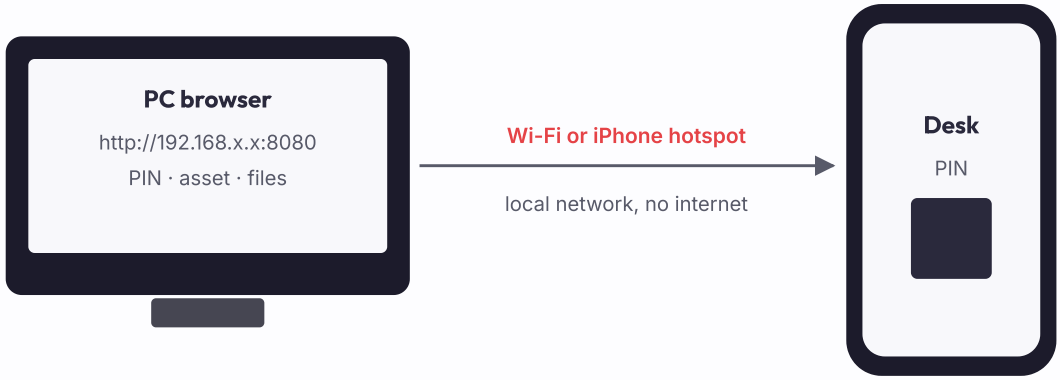
Shop-floor desk

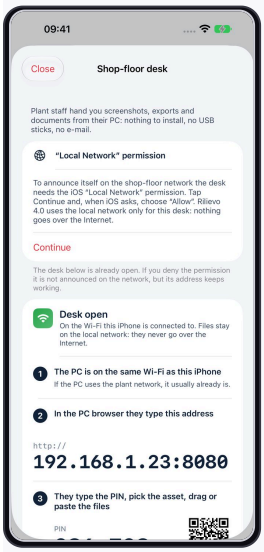
DO THIS

1. In the asset open **Add a document › Shop-floor desk**. The desk starts by itself on Wi-Fi; without Wi-Fi turn on the iPhone's personal hotspot yourself. On Android you always turn the hotspot on by hand, because Android does not let apps switch it on.
2. The plant technician types the address shown into the PC browser, then the PIN. They pick the asset and drag files, or paste a screenshot with Ctrl+V. On Android the PC sees only the appraisal and asset codes, never the client's or the assets' names.
3. Tablets and phones can scan the QR, which already carries the PIN.

✓ **CHECK**

Keep the screen open. The desk closes if you leave it, if the app goes to the background or after 20 idle minutes. No data goes through the internet.





Desk open: address, PIN and QR (DEMO data).

Step 13

If something goes wrong

What you see	Likely cause	What to do
“New appraisal” opens the Subscription page	No active subscription on this Apple Account	Subscription › Restore purchases with the purchasing account
“Save and verify” gives error 401 or 403	Expired token, missing permissions, repository not selected, SSO or organisation rules	Regenerate the token with the three permissions and only `rilievo40-perizie`; check owner and name
The PR exists, but Codex does not reply	Connector not installed on the repository, no legacy environment, plan limits	Check ChatGPT Codex Connector and the repository environment; look at the `@codex` comment on the PR
Codex reply not imported	The comment lacks the expected JSON block	Do not paste replies by hand: ask Codex to answer with the job’s JSON only
“Waiting for network”	The phone has no connection	Nothing: the queue restarts by itself when the network returns
Connection test fails (API token)	Wrong key, no credit, model unavailable	Check key and credit on the provider’s site; choose another model
The Word contents show wrong page numbers	The phone does not paginate like Word	Open in Word and accept the field update; export the PDF from Word
The PC cannot open the desk page	PC and iPhone are not on the same network, or local network is denied	Use the iPhone hotspot; allow Local Network in iOS Settings › Rilievo 4.0

For everything else: Support and FAQ and the complete guide. When you write to info@raveng.it include version, exact message and time, without tokens or keys.

Part three · Client portal, on request

The client uploads, the app finds it: your studio's portal

A web portal under your brand, linked to Rilievo 4.0: the client fills in and uploads, the app brings everything into the survey and you decide. Activated on request.

P1

The client portal, in brief

The **doc.raveng.it** portal is your studio's web space linked to Rilievo 4.0. The client uploads the data, photos and documents that the Industry 4.0 matrix asks for each asset. The app finds them in the survey, under the right entries, and you check them where you already work.

ON REQUEST

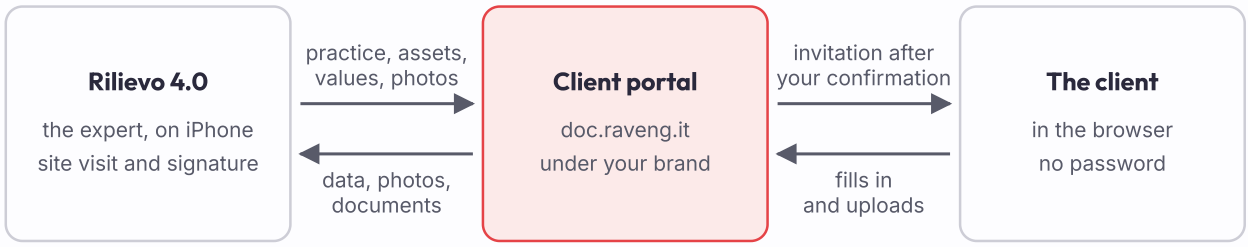
The client portal is activated on request: ask for a quote at info@raveng.it

The portal is not sold in the app and is not included in the Rilievo 4.0 subscription. Write to us and we will reply with a quote for your studio.

Ask for a quote →

info@raveng.it · Subject: "Offerta portale clienti Rilievo 4.0"

No e-mail leaves without your confirmation



The AI you choose in the app fills missing fields and reviews what the client uploads. The client's value wins, with history and restore. The asset QR opens its private page.

- **A separate space per studio**, with your brand on pages and e-mails.
- **Matrix imported automatically**: Industry 4.0 (IPER 2026.11.2, 52 entries); the portal also has the CE matrix.
- **Client, practice and assets are created from the survey**: you retype nothing.
- **The invitation leaves only after you confirm**, with a personal, password-free, time-limited link.
- **Assisted filling and document review with the AI chosen in the app**: Codex Cloud, API token or local AI.

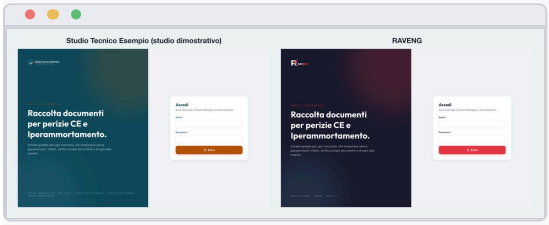
- **Two-way sync**: the client's value wins, with history and one-tap restore.
- **Living appraisal**: the asset QR opens a page visible only to the client and the studio.
- **Nothing is lost offline**: operations stay queued and leave by themselves.

> App screenshots come from Rilievo 4.0 for iPhone with the portal turned on, linked to a test portal. Web screenshots come from the portal with a demo studio. All data are invented. The web portal is in Italian only: the web screenshots are the same as in the Italian guide, with English captions.

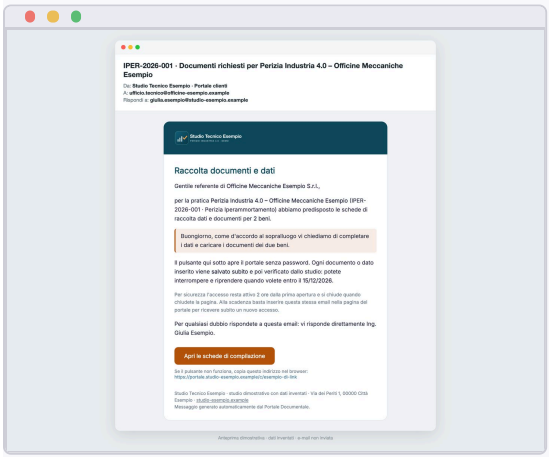
P2

One space per studio, under your brand

Each studio has its own database and a separate folder for files. The client sees your name, colours and logo: on the sign-in page, on the forms and in the invitation e-mail. The sender carries the studio name and replies come to you. You set the brand from the app, with a preview, and the portal checks colour contrast.



The same portal under two brands: the demo studio and RAVENG.



The invitation e-mail as the client receives it: studio name, expert's message, button to open the forms. Preview, not sent.

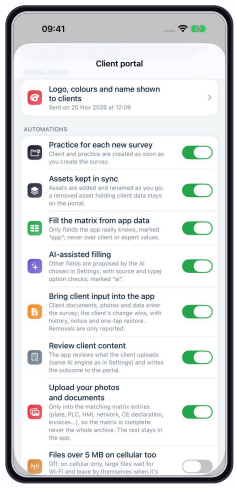
P3

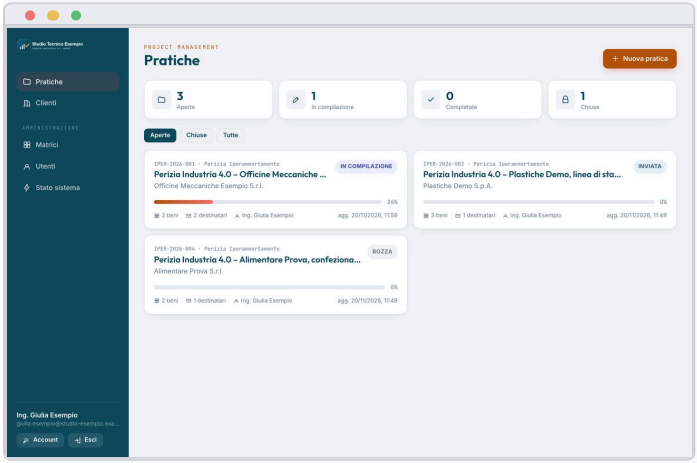
From survey to practice, without retyping

Once your studio's portal is active and linked to the app, the matrix is already imported. From then on you work in the app: when you create the survey, client and practice appear on the portal; assets are added and renamed as you go. The app writes only the fields it really knows, marked "app", and uploads photos and documents only to the matching entries: nameplate, PLC, HMI, network, CE declaration, invoices. Never the whole archive.

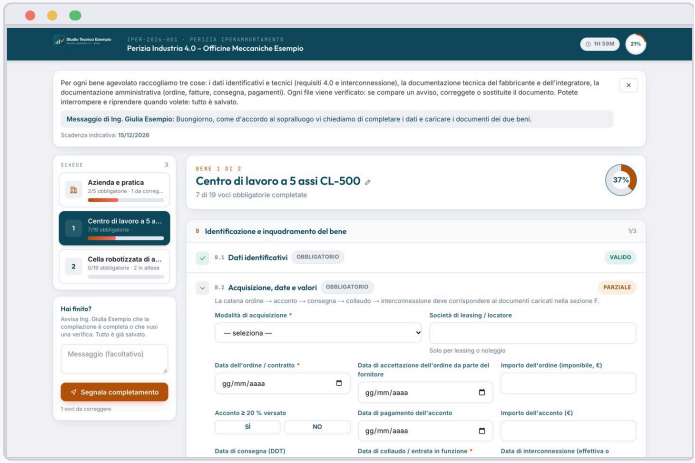
Automations, one by one

Settings › Client portal: each automation can be turned on or off. None sends e-mail; while the portal is suspended, data stay queued.





The studio on the web: open, in-progress and closed practices, with progress, assets and recipients.

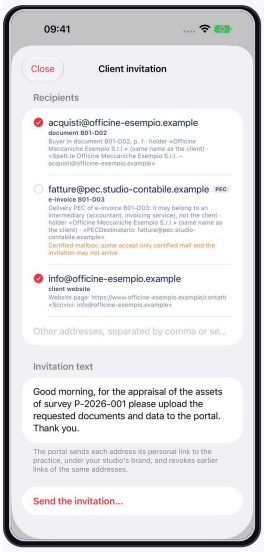


An asset form, already created by the app: matrix sections, mandatory and optional entries, status of each entry.

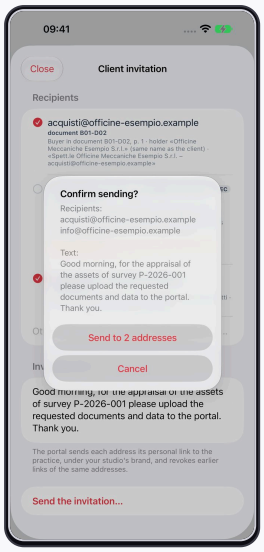
P4

The invitation leaves only when you confirm

From the practice you tap **Invite the client...** and the app suggests the addresses it already knows and says where each comes from: an asset document, an e-invoice, the client's website. A certified (PEC) mailbox is flagged. You pick the recipients, read the text and confirm: the time of confirmation is recorded.

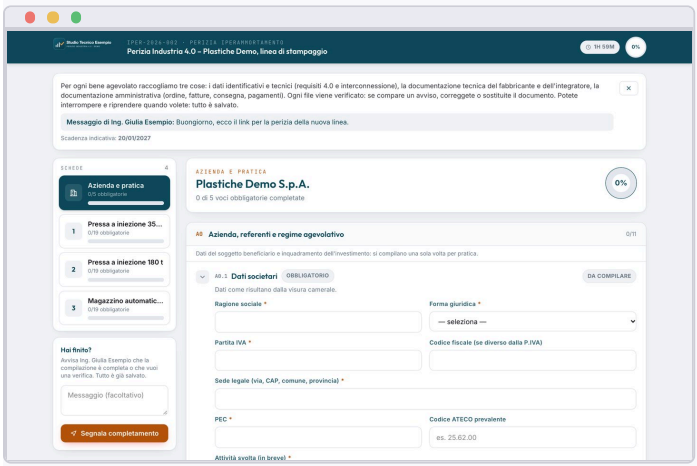


Recipients with their source; the PEC mailbox is flagged.

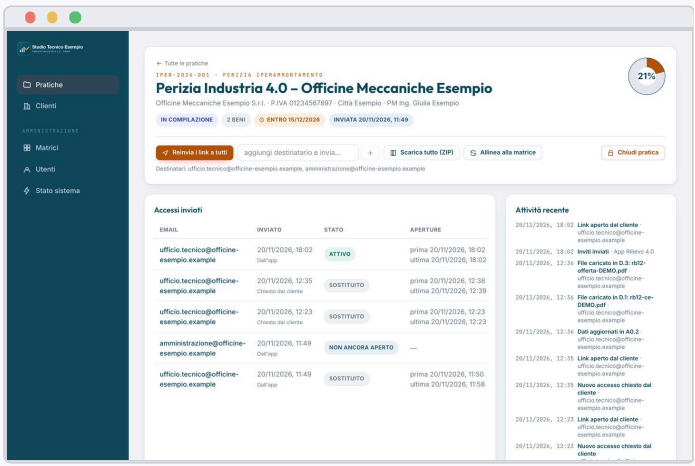


Confirmation: recipients and text, then sending.

The client receives a personal link, password-free and valid for a limited time. If it expires, a new one can be requested, but only from an authorised address. A new invitation replaces earlier links of the same address, and the studio sees the status of each invitation.



First opening of the link, with the practice still to be filled in: studio brand, expert's message, one form for the company and one per asset, progress and remaining access time.

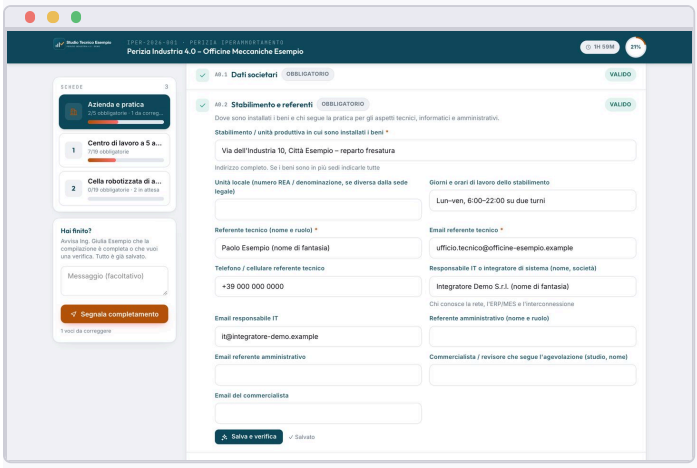


The studio sees each invitation with date, origin ("Dall'app", from the app, or "Chiesto dal cliente", requested by the client), status ("Attivo", "Sostituito", "Non ancora aperto": active, replaced, not opened yet) and openings; alongside, the practice's recent activity.

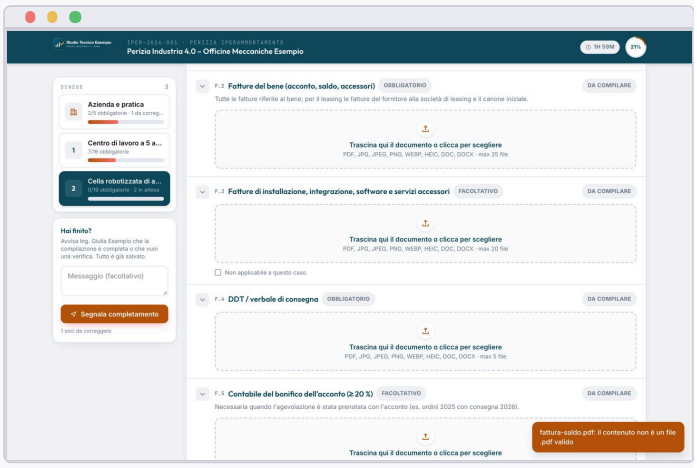
P5

The client fills in and uploads, the portal checks

Each entry says what is needed: data, documents or photos, mandatory or optional, accepted formats, number of files, expiry of documents that expire. Saving is automatic: the client can stop and resume. Each file is checked against its real format: a file renamed to .pdf is rejected at once.



Filling an entry with automatic saving.

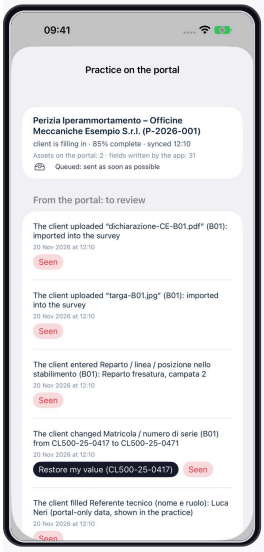


A fake PDF is rejected: “the content is not a valid .pdf file”.

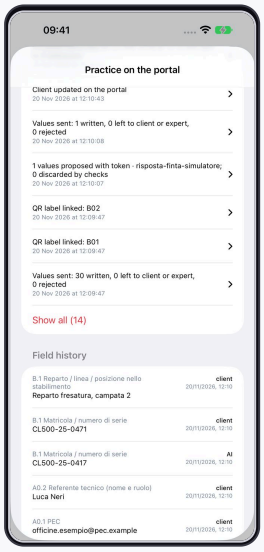
P6

Everything returns to the survey, and the client wins

What the client enters goes into the survey: photos among the asset’s photos, documents among its documents, data into the matching fields. If the client changes a value written by the app or by you, the client wins. You get a notice and can restore your value with one tap; each field keeps its source, version and history. The app and the AI never overwrite a client value. If the client deletes something, the app only reports it.



“From the portal: to review”: imported files, new values and the button to restore your value.



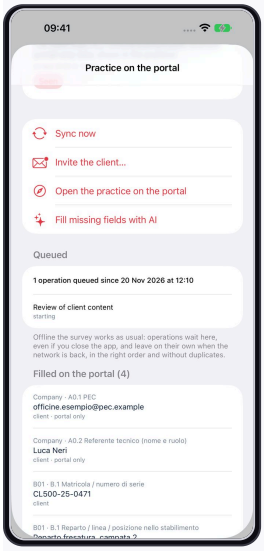
Field history: who wrote what and when (client, expert, app, AI).

> Field source and history are shown in the app. The portal web pages show the client the current values.

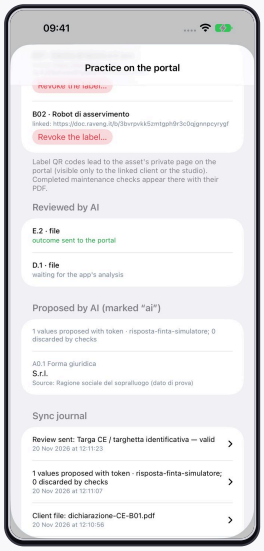
P7

The AI you chose fills in and reviews, you decide

For your studio, filling and review are done by the app, with the AI you chose in its settings: Codex Cloud, API token or local AI. **Fill missing fields with AI** proposes the values the app does not know, with their source, and discards them if they do not match the field's type and options; accepted ones are sent marked "ai". When the client uploads a file, the app reviews it and writes the outcome to the portal.



Practice actions, with "Fill missing fields with AI", and the queue.

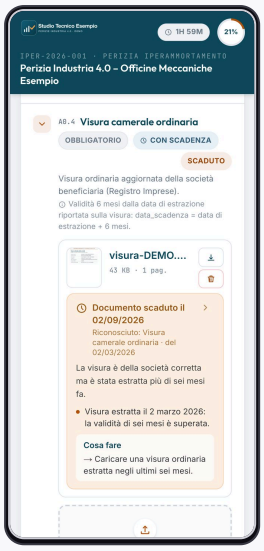


Reviewed and proposed by AI, with the source. In the simulator the AI reply is simulated and says so.

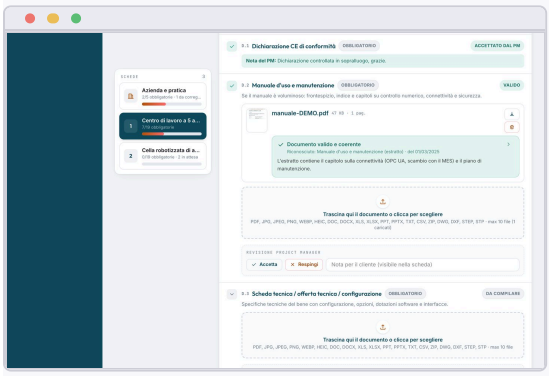
The client sees the outcome next to the file: valid, to be fixed or expired, with the problem, what to do and the data recognised. From the portal you can accept or reject each document with a note for the client.



On the client's phone: CE declaration "valid and consistent", with the data recognised, then "Accettato dal PM" (accepted by the expert) with the expert's note.



Expired company registration extract: the problem and what to do.



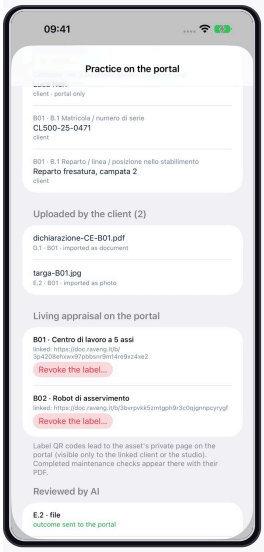
Expert review on the web: "Accetta" or "Respingi" (accept or reject), with a note the client can see; above, an entry already accepted with its note.

AI outcomes are proposals. The professional reads, corrects and signs, as with the rest of Rilievo 4.0.

P8

Living appraisal: the QR leads to the asset page

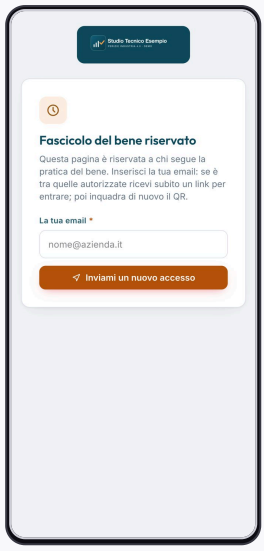
The app links each asset's QR label to its private page on the portal: asset data, completed maintenance checks with their PDF, outcome and next due date, documents and photos. Only the client with access or the studio can see the page; anyone else sees just the brand and an access request. A label can be revoked from the app: the printed QR stops working.



In the app: linked QR labels, one per asset, and revocation.



On the phone that scans the QR: the asset file.



Without access: brand and link request only, no data.

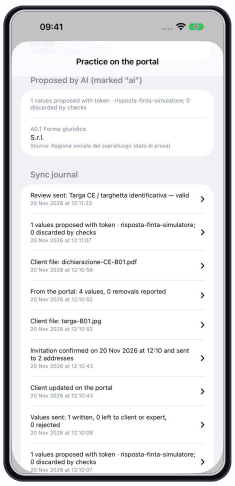
P9

Nothing stops offline, and everything is logged

On the shop floor the network often drops. The survey works as usual: sends, reads, reviews and confirmed invitations stay queued, even if you close the app, and leave by themselves when the network returns, in the right order and without duplicates. On cellular only, files over 5 MB wait for Wi-Fi unless you decide otherwise. The **sync journal** records each step with date and time.

Sync journal

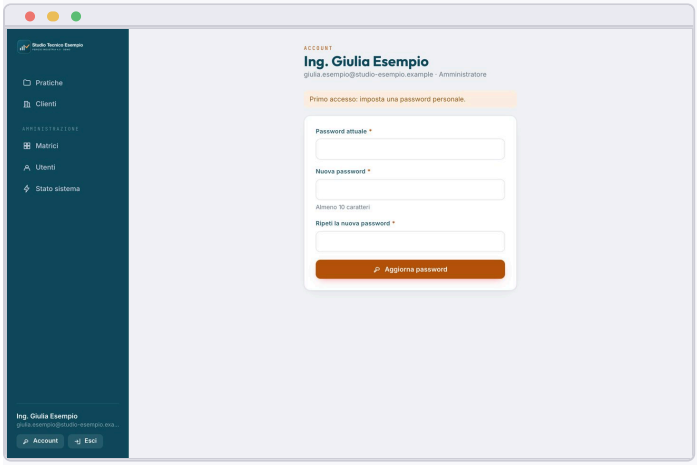
Practice created, values sent, labels linked, invitation confirmed, client files, reviews sent: each entry opens to show the details.



P10

Security: what is in place today

- **Separate studios**: own database and files in a separate folder for each studio.
- **Client access with a personal, time-limited link**: no password to remember; a new link can be requested only from an authorised address.
- **Protected pages**: content security policy (CSP) with a one-time code on every page, mandatory HTTPS (HSTS), no framing by other sites, requests from other sites rejected.
- **Temporary password to change** at the studio's first sign-in.
- **Sessions closed** after a password change or a deactivation.
- **Real file format checked** and periodic clean-up of expired data.
- **Nightly encrypted and verified backups, kept on the server and at an external site, with a weekly restore test**.
- **App and portal**: HTTPS only with a system-verified certificate; app access tokens of 15 minutes, rotated on renewal; credentials in the iPhone Keychain.



Studio's first sign-in: the portal asks to replace the temporary password.



EXAMPLE The backups card in "Stato del sistema" (system status), with demo values: status, last backup, backups kept, external copy, restore test.

ON REQUEST

The client portal is activated on request: ask for a quote at info@raveng.it

The portal is not sold in the app and is not included in the Rilievo 4.0 subscription. Write to us and we will reply with a quote for your studio.

Ask for a quote →

info@raveng.it · Subject: "Offerta portale clienti Rilievo 4.0"

Where to find the rest

- Complete illustrated guides
- Visual walkthrough
- Support and FAQ
- Privacy
- Rilievo 4.0 on the App Store ↗
- Rilievo 4.0 on Google Play ↗

Authentic screenshots, unretouched interface, DEMO data. Illustrations are diagrams, not screenshots.