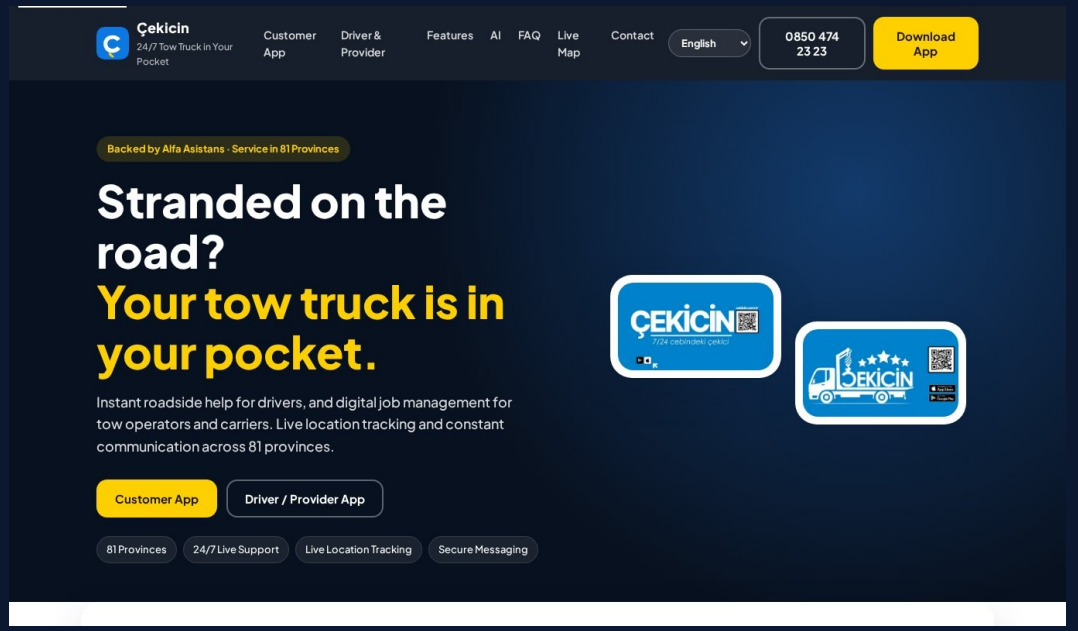
TO ÇEKİCİN / ALFA ASİSTANS MANAGEMENT

# From a photo to the right tow truck: AI-powered roadside assistance

A 3-day web + AI demo: a test of our collaboration, then a pilot and a contract




**Live today · opens in Türkiye**

## Narrated video + deck

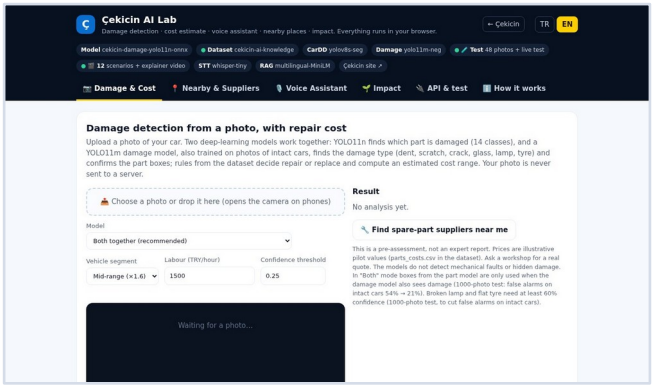
Scan with your phone, watch in the browser (5:44, Turkish subtitles)

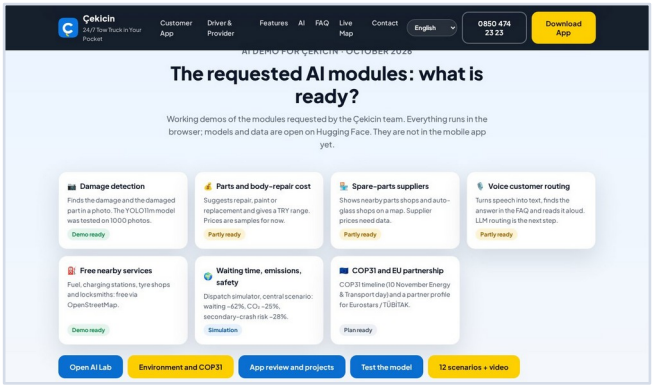
[Full Name] · AI & Software Developer · October 2026

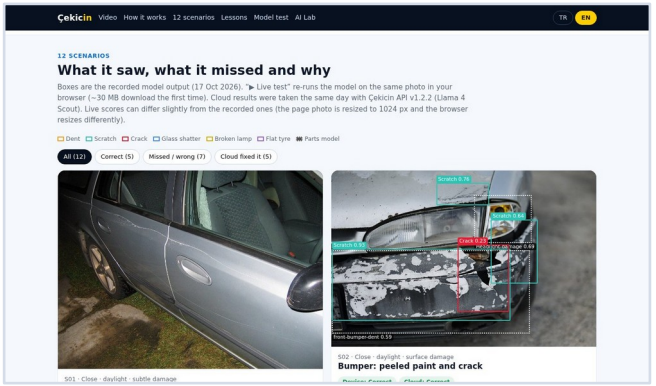
# Ready and live: what has been built for Çekicin

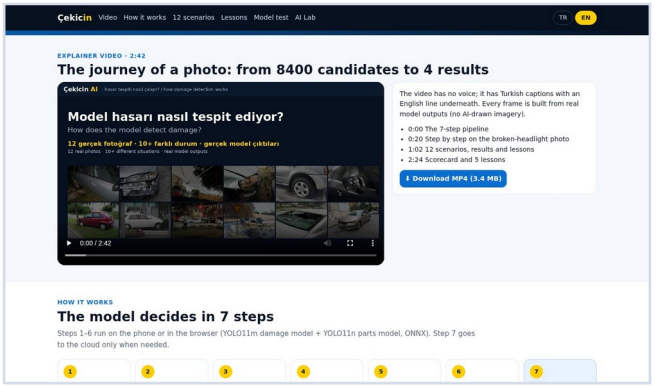
All running on my own platforms; in the browser, opening from Türkiye including mobile

- **Çekicin site + AI Lab**
  6 languages, Türkiye mirror
- **Damage + part from a photo**
  On-device, serverless (ONNX)
- **Model test**
  48 real photos, live
- **12 scenarios + video**
  What it saw and missed · 2:42
- **Cloud API v1.2.3**
  Second opinion · Flutter client
- **Open data & models**
  Hugging Face: dataset, model, Space

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# Measured results — honest numbers

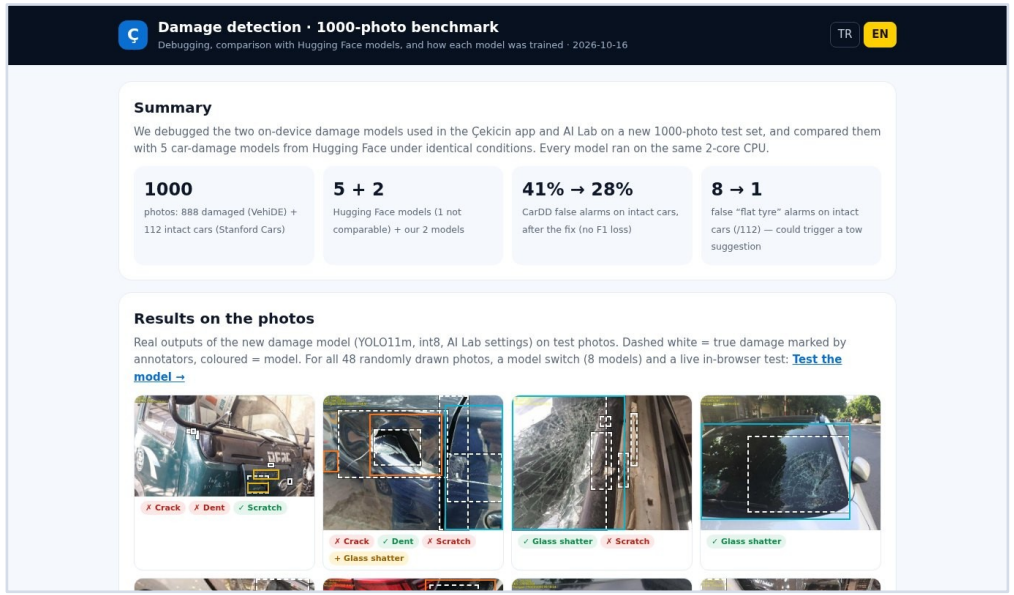
Independent 1,000-photo test (888 damaged + 112 intact cars) and 12 real-world scenarios

**86.4%**
**damage recall**
old model 79.7%

**0.588**
**F1**
old model 0.524

**20.5%**
**false alarms (intact)**
old model 27.7%

**12 / 12**
**cloud second opinion**
10 correct + 2 partial




## Limits (stated openly)

- Strong on close-ups, weak on wide shots: the on-device model missed 5 of 12 scenarios → photo guidance + cloud second opinion
- Training data (CarDD) is non-commercial and the YOLO models are AGPL-3.0 → retraining in the pilot on licensed / Çekicin data with an Apache-2.0 architecture (e.g. RF-DETR, D-FINE)
- It is a pre-assessment, not an expert report. It cannot see mechanical faults → 3 short questions

# Value for Çekicin

The right vehicle at request time, faster offers, fewer wasted trips

## Right tow type

Photo + 3 questions → flatbed, wheel-lift or roadside help? Fewer wrong dispatches and cancellations.

## Fast pre-assessment

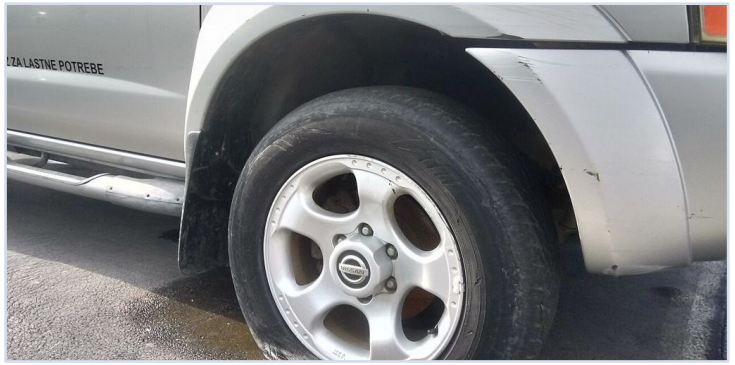
Drivers and providers see the damage and part before quoting; more accurate price and ETA.

## Insurance-ready data

A structured damage summary for accident report and policy flows; a KVKK-consented photo archive.

## Competitive edge

Rivals such as Online Çekici and Çekici Hattı lack it. Global examples (Tractable, Inspektlabs) serve insurers.



Flat tyre + fender → tow truck



Front damage, car immobile → flatbed

Simulation (assumptions): average wait 46 → 17 min. Real impact is measured with Çekicin data in the pilot.

# 3-day demo plan: a test of our collaboration

A Çekicin-branded, Turkish/English web demo that opens in Türkiye

**DAY 1**

## Smart tow request

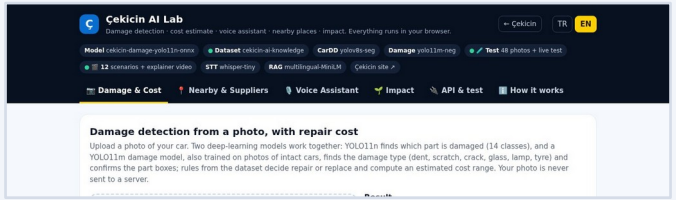
- Photo → on-device damage + part detection
- Photo guidance (close / wide shot)
- 3 short questions → tow or roadside help?
- Çekicin branding, TR / EN



**DAY 2**

## Cloud + operations

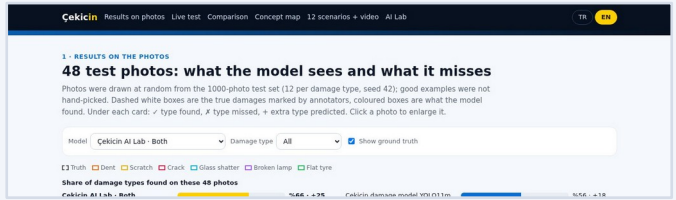
- Cloud second opinion (API v1.2.3)
- Summary card for the offer / driver screen
- KVKK explicit consent step
- Turkish voice assistant




**DAY 3**

## Test + decision

- Test on 20–30 of your own photos with your team
- Measurement report (correct / missed / false alarm)
- Integration plan (Flutter client ready)
- Decision meeting

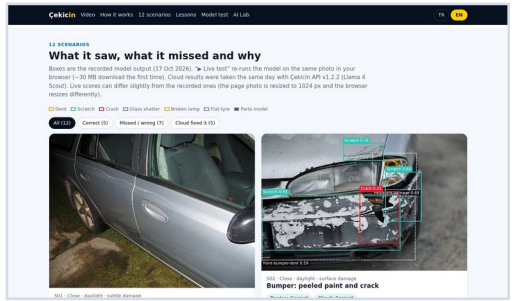



**Deliverables:** demo link · measurement report · integration plan **Fee:** agreed after day 3, based on your proposal

# Demo flow: from photo to the right vehicle

The first steps run on the phone (fast, no data sent); the cloud only when needed, with consent




Example: close-up of a door scratch → device says "scratch, front door" → car runs → recommendation: roadside / service, no tow needed.

Example: flat tyre + fender damage → cloud confirms → recommendation: tow (test: API s05, tow = yes).

# After the demo: a 4–6 week paid pilot

If the demo is convincing, under contract; scope and budget agreed together

**Weeks 1–2**

## App integration

Photo step and summary card in the customer app; damage view in the driver app.

**Weeks 2–4**

## Consented data + retraining

KVKK-consented photos (private dataset); retraining on licensed data with an Apache-2.0 model.

**Weeks 4–6**

## Measurement + rollout decision

Accuracy, cancellations and wait time measured on real requests; management report.

## At the end of the pilot

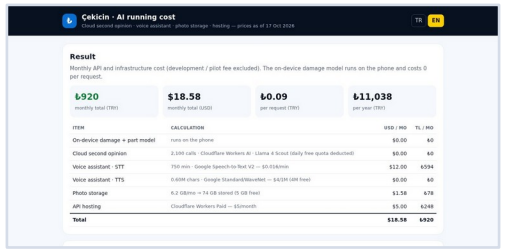
- ✓ A feature working in the app
- ✓ Licence to existing code + infrastructure (included)
- ✓ A Çekicin-owned commercial model
- ✓ A KVKK-compliant data process
- ✓ Measured business impact
- ✓ Maintenance contract option



# Hosting, APIs and running cost

On-device model is free; monthly estimate for cloud, voice, storage (17 Oct 2026 prices, $1 = TRY 49.5)

| Requests / month | Cloudflare · Llama 4 Scout | Google · Gemini 2.5 Flash |
|---|---|---|
| **3,000** | TRY 445 / mo | TRY 483 / mo |
| **10,000** | TRY 920 / mo | TRY 1,045 / mo |
| **30,000** | TRY 2,318 / mo | TRY 2,650 / mo |
| **100,000** | TRY 7,941 / mo | TRY 8,666 / mo |




Includes: cloud second opinion, voice assistant (Google STT/TTS), 12 months of consented photo storage, hosting. Development / pilot fee excluded.

## Questions: hosting and Google APIs

1. Where is the backend hosted? (Google Cloud / Firebase, AWS, Azure, a Türkiye data centre) Must data stay in Türkiye?
2. Is there a Google Cloud account with billing? Gemini (Vertex AI) or Cloudflare?
3. Which Google APIs are in use (Maps, Places, Directions, Firebase)? Quotas and monthly spend?
4. Can restricted API keys be created in Çekicin's account? Costs are billed directly to you.
5. Backend API documentation and staging access?

**Calculator:** sosa123454321-cekicin-site.static.hf.space/ai-lab/maliyet.html · every assumption is editable

# Engagement models — legal and transparent

I do not yet hold a Turkish work permit; options that put the least burden on Çekicin

**A**

## B2B via Swedish R&D firm

BEST FIT

Çekicin signs a service agreement with a Swedish R&D company; I work on its behalf, with invoicing and payment through it. No hiring or permit burden for Çekicin. Fast start.

**B**

## Project-based freelance

Deliverable-based service invoices from abroad (demo, pilot, maintenance). Simple; less suited to a long-term team model.

**C**

## Türkiye Tech Visa

Start-up or Talent track; a work permit of up to 3 years, tax benefits, technopark access. Çekicin can be the first customer / partner.

**D**

## Work permit via Alfa Asistans

Employer application via e-İzin. Software developers are exempt from employment and capital criteria (up to 2 foreigners). Long-term, in-house model.

**Funding opportunity — Eurostars:** Swedish R&D company + Alfa Asistans joint project; Call 12: 17 Dec 2026 – 4 Mar 2027; TÜBİTAK funds the Turkish partner's share.

The final structure is confirmed with legal and tax advisors on both sides.

# Next steps

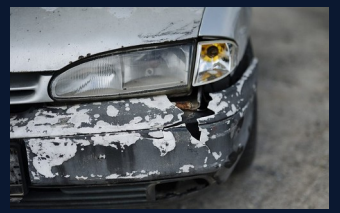
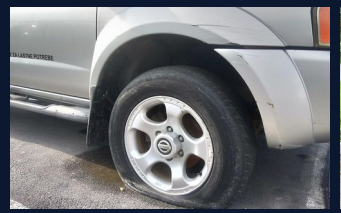
1. **30-minute call**
   Next week, at a time that suits you

2. **Start date**
   The demo is delivered in 3 working days

3. **Choose the engagement model**
   A / B / C / D — we settle it during the demo

## What we need from Çekicin

- 🎨 Logo and brand colours
- 📷 ~20 sample (anonymised) vehicle photos
- 👤 One contact person
- ☁ Hosting / Google API details


**Thank you!** [Full Name] · [Phone] · [E-mail]

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📱 **Scan for the narrated video and deck**