

ScanSkinAI Core Screening

AI Skin & Wound Triage for Public
Services – Hong Kong

Ivy AI Solutions Limited

The Challenge in Hong Kong

- Minor rashes, cuts and skin irritations often go straight to specialists or A&E.
- This drives up service demand, waiting times and costs for public services.
- Elderly and vulnerable groups rely on community staff who may not be skin specialists.
- There is limited, standardised documentation of minor skin and wound cases across sites.

What is ScanSkinAI?

- Mobile AI triage tool for everyday skin and wound problems.
- Uses standard smartphone camera to capture images and basic symptom questions.
- Provides instant, plain-language guidance: self-care, pharmacy, GP or specialist.
- Generates structured photo and advice records for follow-up and escalation.

How It Works in Public Services

- Frontline staff or citizens use a mobile browser / app to photograph the skin or wound issue.
- ScanSkinAI analyses the image and answers a short set of questions.
- System provides triage recommendation: self-care, pharmacy products, GP, or specialist.
- Each case is stored with time-stamped photos and advice, forming an auditable record.
- Aggregated dashboards show case types, severity and referral patterns across sites.

Priority Use Cases in Government

- Public clinics and community health centres: first-line triage before specialist referral.
- Elderly homes and rehabilitation facilities: support nurses making escalation decisions.
- NGO and outreach programmes: empower non-medical workers with structured guidance.
- Occupational health and staff clinics: reduce time away from work for minor skin issues.

Benefits to Public Services

- Reduce avoidable specialist visits and low-value episodes.
- Shorten decision time for frontline staff; fewer unnecessary transfers and escorts.
- Standardise documentation (photos, risk level, advice) to improve continuity of care.
- Provide better visibility of skin and wound issues in the community for planning.
- Improve citizen experience with faster reassurance and clearer next steps.

Cost–Benefit Snapshot (Indicative)

- Epidemiology and modelling suggest $\approx$ HK\$100–140 in hard value per employee per year from avoided specialist episodes and time saved.
- Typical reference licence: around HK\$78 per fully active user per year ($\approx$ US\$10).
- Net conservative benefit: $\approx$ HK\$25–67 per user per year in reduced demand and productivity gains.
- Runs on existing smartphones – no specialist hardware or GPU required.

Trial Proposal for HKSAR Government

- Free pilot for up to 100 users over 3 months at 1–3 selected sites (e.g. clinic, community centre, elderly home).
- Set-up time within 1 week once sites and focal points are confirmed.
- Government to provide: project owner, participating staff, smartphones with internet access, and alignment on data-privacy requirements.
- Ivy AI to provide: onboarding, user training, remote support and anonymised usage / triage reports.
- No system integration required for initial pilot; secure cloud deployment with web access.

Current Traction in Hong Kong

- 10,000+ downloads on Google Play for ScanSkinAI consumer app.
- Public explainer video has been viewed nearly 300,000 times by Hong Kong users.
- Pilots with NGOs and care providers to support vulnerable and elderly communities.
- Frontline feedback: faster decision-making, better documentation and fewer avoidable referrals.

Vendor & Compliance Overview

- Developed and operated by Ivy AI Solutions Limited
- Focus on preventive health AI and medical-grade triage tools.
- Risk-based validation and clear user instructions for safe use.
- Data protection and anonymised reporting by design; no unnecessary personal identifiers required.

Next Steps

- Discuss priority use cases and sites with relevant bureaux / departments.
- Agree pilot scope, metrics and simple success criteria (e.g. avoided referrals, staff time saved).
- Launch free 3-month pilot and review usage and impact.
- Scale to additional sites or programmes if results are positive.