

CASE STUDY — GOVERNMENT / SMART CITY

Search across an entire city's CCTV — without replacing a single camera.

A government city-safety project runs UniverseAI VCA on top of its existing surveillance cameras — missing-person search, event-driven monitoring and investigation support. Camera replacement cost: zero.

INDUSTRY

Government · Public
Safety

CUSTOMER

Government smart city*

SOLUTION

VCA — AI Video
Analytics

REGION

Asia (city-scale, live)

— CHALLENGE

The city already had thousands of CCTV cameras — but a handful of operators can't watch every screen. When someone went missing, teams **scrolled through days of footage by hand**, losing the golden hours.

Replacing everything with AI cameras was off the table on budget. The city didn't need new cameras — it needed a brain that could read the footage it already had.

— SOLUTION

UniverseAI **VCA** ingests existing CCTV streams as-is. Find a person city-wide from a single photo — by **face, body, clothing color or belongings**. Map who moved together with **companion graphs**, and trace **routes across cameras** — on one platform.

In steady state, only screens with detected events are pushed to operators — the same team now covers the whole city.

0

Cameras replaced
(existing CCTV as-is)

99.97%

Accuracy (KISA-certified)

<1s

1:N search over 400M+ DB

5

Countries · 20 accounts live

— WHAT WE DELIVERED

- Missing-person search — city-wide CCTV search from one photo (face, body, color, belongings)
- Investigation support — companion graphs + cross-camera route tracing reports
- Event-driven monitoring — only detected events (intrusion, crowd, anomaly) surface to operators
- Runs on existing infrastructure — compatible with most standard CCTV (minimum image-quality criteria apply)