

REDUCE COST. INCREASE COVERAGE. MODERNIZE SECURITY.

Two purpose-built tactical platforms. One uncompromising standard. Engineered for professionals who demand absolute reliability when stakes are absolute.



WHAT IS AI SMART MOBILE?

A patrol vehicle with a full AI brain onboard — here's what it actually does for your officers:



360° AI Camera Suite

4 cameras watch every angle 24/7 plus optional 5th camera that rotates 360 degrees. The AI automatically spots people, vehicles, and objects — and flags anything suspicious. Your officer sees an alert instead of watching hours of footage.



Behavioural Analytics

The AI learns what normal looks like at your site. When someone loiters too long, paces nervously, or enters a restricted area — the officer gets an instant alert before anything happens.



GPS + Geofencing

Every patrol route is logged automatically. Set virtual boundaries — if the vehicle or a person crosses a restricted line, an alert fires instantly to the officer and dispatch.



Audio Detection

Onboard microphones detect gunshots, glass breaking, and raised voices in real time. The AI processes audio on the vehicle itself — no cloud delay, no privacy recording.



5G Live Dispatch Link

Camera feeds, GPS position, and incident reports stream live to your dispatch team. Officers can one-touch report incidents from the dash display without radioing in manually.



Licence Plate Recognition (LPR)

Every vehicle that passes is automatically logged and checked. Flagged plates trigger an instant officer alert. No manual checking, no missed plates.



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THE AI RULES ENGINE

Fully configurable per site. You define what suspicious means — the AI enforces it 24/7.

Raw detection alone isn't enough. Without rules, every pedestrian triggers a false alarm. The Rules Engine filters signal from noise — your officer only gets alerted when something actually warrants attention.

BEHAVIOUR



Loitering Detection

Person stationary in same zone > X minutes

Configurable: 2 min / 5 min / 10 min threshold per zone

TIME-BASED



After-Hours Intrusion

Any person detected between set hours

Configurable: e.g. 11 PM – 6 AM, per zone or site-wide

PERIMETER



Restricted Zone Breach

Person or vehicle crosses a geofenced boundary

Draw zones on map — any entry fires instant alert

CROWD



Crowd Density Alert

More than X people detected in a defined zone

Configurable threshold per zone — e.g. > 8 people

OBJECT



Abandoned Object

Bag or object stationary for more than Y minutes

Configurable: 3 / 5 / 10 min — per zone sensitivity

ENVIRONMENT



Smoke & Fire Detection

AI vision detects smoke patterns or flame signatures

Always-on — immediate priority alert to officer + dispatch

AUDIO



Audio Threat Detection

Screaming, shattering glass, or gunshot detected

YAMNet model — processed on-device, instant alert

VEHICLE



Vehicle Anomaly

Flat tire, lights left on, or stationary vehicle flagged

Configurable dwell time + LPR cross-reference

CUSTOM



Custom Rule — You Define It

Any combination of zone + time + object + event

Manager dashboard rule builder — no coding required

1 Officer + 1 Vehicle = 3x the Coverage

FOOT PATROL — SAME COST

2 Guards on Foot

- ✗ \$45K–\$70K per guard per year
- ✗ \$90K–\$140K total annual cost
- ✗ Sick days, overtime, turnover
- ✗ Limited patrol coverage area
- ✗ No AI, no real-time data

VS

OFFICER + AI SMART MOBILE

1 Vehicle / 24-7

- ✓ \$10K–\$15K/year operating cost
- ✓ Lower overtime exposure — vehicle never calls in sick
- ✓ 1 officer per vehicle — AI does the watching
- ✓ 3x the patrol coverage area
- ✓ AI + real-time incident alerts

PAYBACK PERIOD

How fast do you get your money back?

Vehicle Cost

\$8K–15K

per unit, fully equipped

Annual Savings

\$80K–\$125K

vs. 2 guards per vehicle

Payback Period

30–90 Days

with full labour offset

Most fleets see full ROI within the first 90 days of deployment — before the first annual renewal.

WHY AVVENIRE — TRACK RECORD & CREDIBILITY

20+

Years

in electric vehicle design & manufacturing

100K+

EVs Sold

through Canada's largest LEV dealer network

\$150M+

LEVs Sold*

*Based on management experience across the LEV industry

OUR VEHICLE PORTFOLIO

AI Smart Mobile (Open)

AI patrol vehicle — purpose-built for security

AI Smart Mobile

Enclosed 4-wheel electric patrol cab

Spiritus

3-wheel electric car — 0–60 in 1.8 sec

Combat

Off-road tactical electric vehicle

Leggera

On/off-road electric roadster

Skyrider

eVTOL electric flying vehicle



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ONE PLATFORM. TWO CONFIGURATIONS.

Same AI platform, same app, same dashboard — different body for different sites

AI SMART MOBILE (OPEN)

Open-air — outdoor & campus patrol

- 50–120 km range per charge
- Up to 45 km/h top speed — road legal
- AWD for any terrain dirt, snow, sand
- no insurance required as mobility scooter
- YOLOv8 real-time object detection
- OpenALPR licence plate recognition
- Zero emissions — silent electric
- Warehouses, campuses, industrial sites



AI SMART MOBILE (ENCLOSED)

Enclosed cab — all-weather & indoor patrol

- 50–200 km range per charge
- All-weather enclosed — -30°C rated
- YOLOv8 + behavioural analytics AI
- OpenALPR + YAMNet audio detection
- Year-round Canadian climate ready
- Malls, airports, hospitals, events



AI SMART MOBILE

Enclosed Security Edition

Full wrap

Enclosed cabin — patrol any weather

360° AI camera system

5G/LTE connected to dispatch

LED light bar + PA system

Custom QR code for public engagement



AI SMART MOBILE (AWD)

ELECTRIC PATROL TRIKE

Off-road. All-terrain. AWD Electric.

All-terrain tires — indoor & outdoor

Rear cargo rack for equipment

Highly visible & agile

Large outdoor sites, events, festivals

Industrial yards, construction sites



WHERE THIS DEPLOYS FIRST



Shopping Malls

AI Smart Mobile

Indoor + outdoor parking patrol. High public visibility. Reduces vandalism & theft. ESG win for mall clients.



Industrial Sites

AI Smart Mobile (Open)

Perimeter patrol, night security, large area coverage. Silent operation doesn't disturb operations.



Hospitals

AI Smart Mobile

Silent electric patrol. Zero emissions for healthcare ESG mandates. Enclosed cab for patient area proximity.



Airports / Transit

Both Vehicles

Indoor terminal + outdoor tarmac perimeter. AI identifies suspicious behaviour in high-traffic areas.

HOW WE COMPARE

AI Smart Mobile vs. traditional patrol options

FEATURE	GAS PATROL CAR	GOLF CART / LSV	OFFICER + AI SMART MOBILE
Annual Cost	\$18K–\$30K	\$12K–\$30K	\$8K–\$19K
Emissions	High (gas)	Zero	Zero
AI / Cameras	None	None	Full AI
LPR Detection	None	None	Built-in
All-Weather	Yes	No	Yes
Custom Branding	Partial	Partial	Full wrap
Remote Monitor	No	No	Yes
ESG Compliant	No	Partial	Full

ZERO-RISK PILOT PROGRAM

If it doesn't work, you don't scale. Simple as that.



No Lock-In

10 unit pilot. No long-term contract. No fleet commitment required beyond the pilot.



Measurable KPIs

Patrol coverage, incident response time, cost savings — all tracked and reported monthly.



We Handle Everything

Deployment, wrap, training, and tech support included. Your team drives — we handle the rest.

THE 4-STEP PILOT PATH

01

30-min call — align on site & requirements

02

Finalize all specs — sign the contract

03

Wrap approved — prototype built to spec

04

Units delivered — deployment begins

THIS IS BIGGER THAN COST SAVINGS

This is about winning contracts your competitors can't bid on.



Win ESG Contracts

More clients now require zero-emission security solutions. With AI Smart Mobile you can bid — your competitors can't.



AI as a Differentiator

Offer AI-driven patrol analytics, LPR, and incident detection. No other security company in Canada offers this fleet.



Premium Pricing Power

AI-enabled security commands higher contract rates. Position as the innovation leader — not the low-cost option.



First Mover Advantage

Canadian security companies are not yet deploying AI patrol fleets. Move first and own the category.

AI SMART MOBILE — PRICING

Simple, transparent pricing. Setup once, subscribe monthly. Free AI upgrades for life.

PRICE PER VEHICLE

\$8,000 – \$19,000

Includes: Vehicle wrap design & install · AI hardware & camera setup · 5G modem & GPS · Officer dash display · Onboarding & training · System integration

\$8,000 — Open (AWD Trike) · \$12,000 — Open (Cab) · \$19,000 — Enclosed — pricing depends on final configuration

MONTHLY AI SUBSCRIPTION

\$199

/vehicle/month

- Full AI platform — all features included
- Free software upgrades for life of vehicle
- 360° cameras, LPR, audio, behavioural AI
- GPS, geofencing, fleet dashboard

PROFESSIONAL SERVICES

\$200

/hour

- Advanced officer & manager training
- Integration with existing systems
- Custom rule configuration & tuning
- On-site support & troubleshooting



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THE FUTURE FLEET

This is not a product. It's a new operating model for security.



10–50

Vehicles per region

Scale from pilot to full regional fleet as KPIs prove out.



1

Central command dashboard

Officers get real-time AI alerts, camera feeds, and incident data on a central dashboard.



AI

AI-assisted patrol intel

AI flags incidents, tracks routes, and surfaces data — officer makes every decision.



Live

Dispatch integration

Vehicles talk directly to your existing dispatch infrastructure.



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LET'S BUILD YOUR PILOT

10 unit pilot. No lock-in. Full branding. AI platform included.
Most fleets see full ROI within 90 days.

01 30-min call to align on site requirements and patrol use cases

02 Finalize all specs — sign the contract

03 Wrap design approved — prototype built to spec

04 Units delivered — deployment begins

For more information contact:

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